Search history

Search 1: TAC=((paper or sheet material or material) and roll) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet)) (Results 31)

Search 2: TAC=(paper or sheet material or material) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet)) (Results 159)

Search 3: FT=((paper or sheet or material or web) and perforat+ and line+ and (wound W3 (core or itself)) and absorbent) and PD<20140410 (Results 0)

Search 4: FT=((paper or sheet or material or web) and perforat+ and line+ and absorbent) and PD<20140410 (Results 23)

Search 5: FT=((paper or sheet or material or web) and perforat+ and line+ and core) and PD<20140410 (Results 80)

Search 6: FT=(tear+ and line+ and progres+ and roll) and PD<20140410 (Results 135)

Search 7: FT=(tear* and line* and perforat* and (toiler or tissue) and (paper or roll*)) and PD<20140410 (Results 5214)

Search 8: FT=(tear* and line* and perforat* and (toiler or tissue) W1 paper) and PD<20140410 (Results 1107)

Search 9: FT=(tear* and line* and perforat* and (toiler or tissue) W1 paper and cut*) and PD<20140410 (Results 871)

Search 10: (9) and TAC=(paper or sheet material or material or web) (Results 776)

Search 11: (10) and FT=(roll* and sheet*) (Results 563)

Search 12: (11) and FT=((phantom or cutting) w1 line*) (Results 36)

- session log created:28 November 2017 12:49:16
- Update information:

PatBase Coverage at Update 2017 Week 47 (Year 2017 Week 47)

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Major countries

Publishing body	Document type	Bibliographic publication date		Full–Text publication date	
		Earliest	Latest	Earliest	Latest
CN China	Patent Applications	19850910	20171124	19850910	20171124
	Patents	19930106	20171124	19930106	20171124
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20171124	19930106	20171124
	Designs	19850910	20171124	19850910	20150819
DE Germany	Patent Applications	19211221	20171123	19650317	20171123
	Patents	18770101	20171123	19200113	20171123
	Utility Models	19280626	20171123	19610831	20171123
	EP/WO Patents	19871217	20140410		

EP European Patent Office	Patent Applications	19781220	20171122	19781220	20171122
	Patents	19800109	20171122	19800109	20171122
FR France	Patent Applications	19690307	20171124	19810102	20171103
	Patents	18550227	20171124	19600502	20171124
	Utility Model Applications	19720107	20171124	19800104	20171103
	Utility Models	19730112	20171124	19690802	20171124
GB United Kingdom	Unpublished Patent Applications	19830209	20171108		
	Patent Applications	19790104	20171122	19790104	20171101
	Patents	17820704	20171122	19020911	19811216
JP Japan	Patent Applications	19710116	20171124	19930108	20171116
	Patents	19281026	20171108	19960529	20171108
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20171109	19940726	20101216
	Designs	20141110	20171127		
KR Republic of Korea	Patent Applications	19781209	20171124	19801010	20171124
	Patents	19700820	20171124	19770628	20171124
	Utility Model Applications	19781127	20171124	19940730	20171124
	Utility Models	19780110	20171124	19970104	20171124
US United States of America	Patent Applications	20010315	20171123	20010315	20171123
	Patents	18360101	20171121	18560617	20171121
	Designs	18650912	20171121	19770719	20171121
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20171123	19781019	20171123
	Designs	20151023	20171124	20151023	20171124

20171127 09:05

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- **search:** SS1 TAC=((paper or sheet material or material) and roll) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet)) (Results 31)
- List: SS1 1–50 (TAC=((paper or sheet material or material) and roll) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet))) (Results 31)

0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

1) Family number: 34576949 (US2007137808A)

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Title: TREATED TISSUE PRODUCTS HAVING INCREASED STRENGTH

Priority:

AU20060329940	20061214	AU20070330424	20071026	EP20070849146	20071115
EP20060838820	20061130	EP20060845462	20061214	EP20080770593	20080610
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Family:

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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):(std)**:** BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL

DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention); C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

CPC: D21H21/20 D21H23/50 D21H27/02 B31F1/07 B31F2201/0733 B31F2201/0784 B31F2201/0787 D21H17/34 C11D17/041 D21H13/10 D21H19/12 D21H19/18 D21H25/005 D21H21/1 D21H19/2 D21H27/0 B32B2264/0257 B32B2307/54 B32B2555/00 Y10T428/24405 A47L13/17 A61Q1/14 A61Q19/10 C11D3/3749 C11D3/3757 C11D17/049 D21F11/14 D21F11/145 D21H17/36 D21H27/008 D21H27/30 A61K8/0208 A61K8/8111 A61K8/8147 A61Q19/00 D21H17/35 D21H27/001 D21H27/005 D21H27/00 D21H19/22 D21H21/22 B32B29/005 B32B2317/12 B32B2432/00 A47K10/16 B32B5/22 D21H17/37 D21H19/20 D21H21/146 D21H21/18 D21H27/002

European class: A47K10/16 A47L13/17 A61K8/02C A61K8/81C2 A61K8/81K2 A61Q19/00 B31F1/07 B32B5/22 C11D17/04B C11D17/04F C11D3/37C2 C11D3/37C6 D21F11/14 D21F11/14B D21H17/37 D21H21/14D D21H21/18 D21H21/20 D21H21/22 D21H25/00B D21H27/00 D21H27/00D D21H27/00D2B D21H27/00D4 K61Q1/14 K61Q19/10 L31F201/07C2D3G L31F201/07P L31F201/07P2 N04H13/00B2 N21H13/10 N21H17/34 N21H17/35 N21H17/36 N21H17/37 N21H19/12 N21H19/18 N21H19/20 N21H19/22 N21H21/14D N21H21/18 N21H21/20 N21H21/22 N21H23/50 N21H27/00B N21H27/00D N21H27/00D4 N21H27/02 N21H27/30

US class: 162/103 162/103S 162/109 162/111 162/111S 162/112 162/115 162/115S 162/117 162/117S 162/123 162/123S 162/124 162/124S 162/135 162/146 162/157.1 162/157.100S 162/157.2 162/158 162/158S 162/164.1 162/164.100 162/164.100S 162/164.7 162/164.700S 162/168.1 162/168.100P 162/168.100S 162/168.7

162/168.700S 162/169 162/169S 162/173 162/175 162/179 162/179S 162/184 162/204 424/402 424/402S 427/288 427/288S 428/147 428/147P 524/536

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

2) Family number: 14416980 (US5538778A) © PatBase

Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

Priority:

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Family:

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ZA9406968 A	19950508	ZA19940006968	19940909
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Probable Assignee: LIBEROPAX LLC

Assignee(s):[(std)]**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN US ; GEAMI LTD

Inventor(s):(std)**:**	JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES
Inventor(s):	DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ
Designated states:	AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN
International class (IPC 8–9)**:**	B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)
International class (IPC 1–7)**:**	B21D31/04 B21D5/00 B21H B31C1/00 B31D3/04 B31D5/00 B32B29/00 B32B3/12 B32B3/24 B65B B65B11/00 B65B11/00 B65B25/14 B65B63/04 B65D65/30 B65D81/02 B65D81/02 B65D81/03 B65D81/09 B65D81/14 B65D85/30 B65G81/14
CPC:	B31D2205/0023 Y10S206/814 Y10S428/906 Y10S493/967 Y10T29/18 Y10T29/185 Y10T428/1303 Y10T428/24306 Y10T428/24314 Y10T428/24322 Y10T428/2457 Y10T428/24612 Y10T428/24694 Y10T428/24711 Y10T428/24752 Y10T428/24777 Y10T428/24793 B31D5/0069 B21D31/04 B31D3/002 B65D81/03 B31D3/04 B31D5/0065 B65D81/05 Y10T428/24942 Y10T428/24967 Y10T428/268 Y10T428/31993 B31D2205/0047 B31D5/006 B31C5/00 B31D2205/007 B65D81/09
European class:	B21D31/04 B31C5/00 B31D3/00B B31D3/04 B31D5/00C2 B31D5/00C3 B31D5/00C5 B65D81/03 B65D81/05 B65D81/09 L31D205/00C20B2 L31D205/00C20M
US class:	206/521 206/584 206/585 206/586 206/594 206/814 229/87.02 29/6.1 29/6.2 428/135 428/136 428/137 428/167 428/172 428/182 428/184 428/189 428/192 428/194 428/212 428/215 428/220 428/338 428/34.2 428/537.5 428/903.3 428/906 493/967 53/435 53/450
Classification Explorer	
Cited documents:	WO9601731 A1, WO9318911 A1, US5439730 A, US5431985 A, US5403259 A, US5340638 A, US5275677 A, US5213867 A, US5207756 A, US5203761 A, US5181614 A, US5151312 A, US5001017 A, US4949528 A, US4937131 A, US4921118 A, US4856655 A, US4832228 A, US4265956 A, US4105724 A, US4089090 A, US3825465 A, US3807868 A, US3799039 A, US3762629 A, US3758372 A, US3668055 A, US3660958 A, US3655501 A, US3655500 A, US3642967 A, US3607602 A, US3603369 A, US3550842 A, US3544419 A, US3486681 A, US3454455 A, US3431613 A, US3407987 A, US3306513 A, US3288353 A, US3109579 A, US3074543 A, US3065785 A, US3040968 A, US2656291 A, US265291, US2553923 A, US2382400 A, US2345844 A, US2319225 A, US2203084 A, US2025179 A, US1996402 A, US1940596 A, US1470200 A, US1205299 A, US1199508 A, US1065639 A, JPS53103070, JP57148649 A2, JP53103070 A2, GB793015 A, GB777576 A, GB1305829 A, GB1131687 A, FR2170234 A1, FR2115107 A1, FR2033605 A5, FR1218604 A, EP0377397 A2, DE225968 A, DE2158539 A1, CH619416,

0) US2016345761A – PARTITIONABLE PAPER PRODUCT

3) Family number: 64162734 (US2016345761A)

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Title: PARTITIONABLE PAPER PRODUCT

Priority: US20150166488P 20150526 US20160162053 20160523 US20160162161 20160523 WO2016US33918 20160524

Family:

Publication number	Publication date	Application number	Application date
AU2016268243 AA	20161201	AU20160268243	20160524
CA2981337 AA	20170928	CA20162981337	20160524
TW201704592 A	20170201	TW20160116299	20160525
US2016345761 AA	20161201	US20160162161	20160523
US2016345786 AA	20161201	US20160162053	20160523
WO16191420 A1	20161201	WO2016US33918	20160524

Probable Assignee: GPCP IP HOLDINGS LLC

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GPCP IP HOLDINGS LLC

Assignee(s): HOADLEY DAVID A ; OLSON STEVEN R ; DAUL THOMAS J

Inventor(s):(std)**:** DAUL THOMAS A ; DAUL THOMAS J ; HOADLEY DAVID A ; OLSON STEVEN R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47G11/00 A47K10/16 B31F1/07 B32B29/06 D21F11/00 D21H15/04 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/28 (Advanced/Invention)

CPC: A47G11/001 A47K10/16 D21H27/002 B31F1/07 B32B29/06 D21H25/005 D21H27/02 B32B29/00 B32B29/002 B65H18/28 B65H2301/5126 B65H2301/5152 B65H2701/1924 B32B2432/00

US class: 428/43

Classification Explorer

Cited documents: US9259848 BB, US8763526 BB, US8763523 BB, US8757058 BB, US8535483 BB, US8468938 BB, US8443725 BB, US8287977 BB, US8287976 BB, US8283013 BB, US8268429 BB, US2016345786 AA, US2016345761 AA, US2014370224 AA, US2014345815 AA, US2013193249 AA, US2013193248 AA, US2011311751 AA, US2011311750 AA, US2011311749 AA, US2011311748 AA, US2011309544 AA, US2011308754 AA, US2011308406 AA, US2011308405 AA, US2011308372 AA, US2011308370 AA, US2011308366 AA, US2011308363 AA, CA873735 A,

0) US2017037579A – A SHEET OF ABSORBENT MATERIAL, ROLL, LOG AND ME...

4) Family number: 60590844 (US2017037579A) © PatBase

Title: A SHEET OF ABSORBENT MATERIAL, ROLL, LOG AND METHOD FOR MANUFACTURING THE SAME

Priority: WO2014IB01032 20140410

Family:

Publication number	Publication date	Application number	Application date
AU2014390217 AA	20151015	AU20140390217	20140410
AU2014390217 BB	20170216	AU20140390217	20140410
CN106471187 A	20170301	CN201480077911	20140410
CO20160002790 A2	20170130	CO20160002790	20161007
EP3129551 A1	20170215	EP20140747978	20140410
MX2016013219 A1	20170802	MX20160013219	20140410
US2017037579 AA	20170209	US20140303110	20140410
WO15155563 A1	20151015	WO2014IB01032	20140410

Probable Assignee: SCA TISSUE FRANCE

Assignee(s):(std)**:** SCA TISSUE FRANCE

Inventor(s):(std)**:** BARREDO DONALD ; CATTACIN GILLES ; DENIS GENET ; DONALD BARREDO ; GENET DENIS ; GILLES CATTACIN ; JULIEN MARIETTA TONDIN ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; PIERRE LAURENT ; REMY RUPPEL ; RENE SIGWALT ; RUPPEL REMY ; SIGWALT RENE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B26F1/00 B65H35/04 B65H35/08 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: B65H2301/41484 B65H2301/5152 B65H2301/515323 B65H2301/515326 B65H2701/1924 D21H27/005 D21H27/002 A47K10/16 B65H35/08 D21H27/02 B26F1/20

US class: 162/114

Classification Explorer

Cited documents: US6010090 A, US4551374 A, US2053786 A, US2012237711 AA, US2009155512 AA,

0) US2003015209A – METHOD FOR WETTING AND WINDING A SUBSTRATE

5) Family number: 30046556 (US2003015209A)

© PatBase

Title: METHOD FOR WETTING AND WINDING A SUBSTRATE

Priority:

US20010900516	20010706	US20010900746	20010706	US20010989829	20011119
US20030664342	20030917	WO2002US21030	20020703		

Family:

Publication number	Publication date	Application number	Application date
AR034725 AA	20040317	AR2002P102510	20020704
AU2002320249 AA	20030121	AU20020320249	20020703
BRPI0210790 A	20060523	BR2002PI10790	20020703
EP1412267 A2	20040428	EP20020749757	20020703
IL159336 A0	20040601	IL20020159336	20020703
KR20040013104 A	20040211	KR20047000088	20020703
MXPA03011740 A1	20050307	MX2003PA11740	20020703
TWI235732 B	20050711	TW20020114793	20020704
US2003015209 AA	20030123	US20010900746	20010706
US2003017333 AA	20030123	US20010900516	20010706
US2003025029 AA	20030206	US20010989829	20011119

US2005031779 AA	20050210	US20030664342	20030917	
US6649262 BB	20031118	US20010900516	20010706	
US6651924 BB	20031125	US20010989829	20011119	
US7101587 BB	20060905	US20010900746	20010706	
US7179502 BB	20070220	US20030664342	20030917	
WO03004388 A2	20030116	WO2002US21030	20020703	
WO03004388 A3	20031211	WO2002US21030	20020703	

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): GAMBARO ANTHONY MARK ; GINGRAS BRIAN JAMES ; HOO DANIEL ; CWIAKALA JOE ; GANN CLAYTON TAYLOR ; DOYLE ANDREW PETER ; BETTI GUILIO ; KIMBERLY CLARK WORLDWIDE INC ; PAULING PAUL KERNER ; KRAUTKRAMER ROBERT EUGENE ; PERKINS JAMES MONROE ; PETRI STEFANO ; NARDO VALTER DI ; PETRI STEPHANO ; ADALBERTI MASSIMILIANO ; BAGGOT JAMES LEO ; BARKHAU ROBERT ALVIN ; BETTI GIULIO

Inventor(s):(std)**:** GIULIO BETTI ; PETRI STEPHANO ; PETRI STEFANO ; PERKINS JAMES MONROE ; PAULING PAUL KERNER ; GINGRAS BRIAN JAMES ; GANN CLAYTON TAYLOR ; GAMBARO ANTHONY MARK ; DOYLE ANDREW PETER ; DOYLE ANDREW PATER ; DINARDO VALTER ; DI NARDO VALTER ; KRAUTKRAMER ROBERT EUGENE ; CWIAKALA JOE ; BETTI GUILIO ; BETTI GIULIO ; BETTI GIULIE ; BARKHAU ROBERT ALVIN ; BAGGOT JAMES LEO ; HOO DANIEL ; ADALBERTI MASSIMILIANO ; NARDO VALTER DI ; GINGRAS BRAIN JAMES

Inventor(s): GUILIO BETTI ; ANTHONY MARK GAMBARO ; ANDREW PETER DOYLE ; ANDREW PATER DOYLE ; CLAYTON TAYLOR GANN ; BRIAN JAMES GINGRAS ; BRAIN JAMES GINGRAS ; JOE CWIAKALA ; JAMES MONROE PERKINS ; JAMES LEO BAGGOT ; DANIEL HOO ; PAUL KERNER PAULING ; MASSIMILIANO ADALBERTI ; BAGGOT JAMES ; BARKHAU ROBERT ; DOYLE ANDREW ; GAMBARO ANTHONY ; GANN CLAYTON ; GINGRAS BRIAN ; KRAUTKRAMER ROBERT ; PAULING PAUL ; PERKINS JAMES ; VALTER DINARDO ; VALTER DI NARDO ; STEPHANO PETRI ; STEFANO PETRI ; ROBERT EUGENE KRAUTKRAMER ; ROBERT ALVIN BARKHAU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): B05D3/12 B65H18/20 B65H19/22 (Advanced/Invention); B65H19/22 (Advanced/Non–invention); B05D3/12 B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): A24C1/16 A47L13/17 B65D81/84 B65H B65H18/20 B65H19/22 B65H19/26 B65H81/02 D02G3/00

CPC: Y10T428/1345 Y10T428/1362 Y10T428/1397 Y10T428/2913 Y10T428/2927 Y10T428/2975 B65H19/2276 B65H2301/5142 B65H2404/531 B65H2404/5311 B65H2408/235 B65H19/22

European class: B65H19/22C L65H301/5142 L65H351/420 L65H404/531 L65H404/5311 L65H408/235

US class: 118/325 131/281 206/210 242/445.1 242/445.100S 242/521 242/541.2 242/541.200P 242/542.2 242/542.200S 242/908 242/908S 427/177 427/177P 427/179 427/179S 427/289 427/290 427/293 427/412 427/412S 428/35.5 428/35.500S 428/36.1 428/36.100S 428/36.92 428/36.920S 428/364 428/364P 428/372 428/398 428/906 428/906S

Classification Explorer

Cited documents: WO9933623, WO9933623, WO9929958, WO9929958, WO9803713, WO9803713, WO0182986 A2, WO0182986, WO0140090 A2, WO0140090, US6651924 BB, US6651924 BA, US6649262 BB, US6444214 BA, US6444214, US6429261 BA, US6248211 BA, US6248211, US6228216 BA, US6228216, US6140551 A, US6140551, US6056229 A, US6056229, US5958187 A, US5958187, US5913905 A, US5913905, US5848756 A, US5848756, US5839680 A, US5839680, US5759339 A, US5759339, US5690296 A, US5667635 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5478027 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A,

US5271575 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5089296 A, US5076424 A, US5049440 A, US4962897 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4790491 A, US4747944 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A, US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4556454 A, US4533435 A, US4487377 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3668905 A, US3097968 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US2004096483 AA, US2003113458 AA, US2003025029 AA, US2003017333 AA, US2003015209 AA, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A, JP6306793, JP6306793, JP5209395 A2, JP5209395, JP2091300 A2, JP2091300, JP10174670, JP10174670, JP10174670, EP0895956 A1, EP0895956, EP0641885 A1, EP0641885, EP0580561 A2, EP0580561, EP0256950 A1, EP0256950, EP0026091 B1, EP0026091 A1, EP0026091, EP0014520 B1, EP0014520 A1, EP0014520,

0) US2012171440A – PROCESS FOR APPLYING HIGH VISCOSITY COMPOSITION...

6) Family number: 51431178 (US2012171440A) © PatBase

Title: PROCESS FOR APPLYING HIGH VISCOSITY COMPOSITION TO A SHEET WITH HIGH BULK

Priority: US20100981972 20101230 WO2011IB55167 20111117

Family:

Publication number	Publication date	Application number	Application date
AU2011350916 AA	20120705	AU20110350916	20111117
AU2011350916 BB	20160721	AU20110350916	20111117
BR112013016112 A2	20160920	BR20131116112	20111117
EP2659064 A2	20131106	EP20110853391	20111117
EP2659064 A4	20160427	EP20110853391	20111117
EP2659064 B1	20170628	EP20110853391	20111117
KR20140008333 A	20140121	KR20137019835	20111117
MX2013007400 A1	20130729	MX20130007400	20111117
US2012171440 AA	20120705	US20100981972	20101230
US9580869 BB	20170228	US20100981972	20101230
WO12090088 A2	20120705	WO2011IB55167	20111117
WO12090088 A3	20121101	WO2011IB55167	20111117

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** CALEWARTS DEBORAH J ; CAMPBELL STEPHEN MICHAEL ; DESAI KEYUR ; JURENA JEFFREY F ; KIMBERLY CLARK CO ; QIN JIAN ; WALDROUP DONALD E ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** DESAI KEYUR ; CALEWARTS DEBORAH J ; CAMPBELL STEPHEN MICHAEL ; JURENA JEFFREY F ; QIN JIAN ; WALDROUP DONALD E

Inventor(s): STEPHEN MICHAEL CAMPBELL ; KEYUR DESAI ; DEBORAH J CALEWARTS ; DONALD E WALDROUP ; JEFFREY F JURENA ; JIAN QIN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL

SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B05D1/28 B05D5/00 B05D7/00 B32B29/06 D21H19/68 D21H23/52 D21H23/56 D21H23/66 D21H23/70 D21H27/00 (Advanced/Invention)

CPC: B05D1/28 D21H27/002 D21H19/68 D21H23/56 Y10T428/24934

European class: D21H19/68 D21H23/56 D21H27/00D

US class: 427/256 427/256S 428/211.1 428/211.100P

Classification Explorer

Cited documents: WO08068651 A2, WO0131123 A1, US7820010 BB, US7807023 BB, US7785443 BB, US7182837 BB, US6610174 BB, US6197154 BA, US6187140 BA, US6143135 A, US6126784 A, US6120642 A, US6096169 A, US5938437 A, US5885697 A, US5851352 A, US5814188 A, US5686169 A, US5672248 A, US5656132 A, US5429686 A, US5389202 A, US5278272 A, US5272236 A, US4988781 A, US4908240 A, US4818464 A, US4599392 A, US4326000 A, US4100324 A, US4076698 A, US3645992 A, US2008295985 AA, US2008073045 AA, US2005148257 AA, US2005058833 AA, US2005058693 AA, US2004099388 AA, US2003192662 AA,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

7) Family number: 43384452 (US2009155512A) © PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSING OF SHEETS OF PRE–DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std): BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non–invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) US2017204304A – ABSORBENT SHEET TAIL–SEALED WITH NANOFIBRILLATE...

8) Family number: 66397887 (US2017204304A) © PatBase

Title: ABSORBENT SHEET TAIL–SEALED WITH NANOFIBRILLATED CELLULOSE CONTAINING TAIL–SEAL ADHESIVES

Priority: US20160280161P 20160119 US20160366137P 20160725 US20170405795 20170113 US20160366154P 20160725 US20170405397 20170113

Family:

Publication number	Publication date	Application number	Application date
US2017204304 AA	20170720	US20170405795	20170113
US2017204567 AA	20170720	US20170405397	20170113
WO17127335 A1	20170727	WO2017US13691	20170117
WO17127336 A1	20170727	WO2017US13693	20170117

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PRODUCTS LP

Inventor(s):(std)**:** SUMNICHT DANIEL W ; VAIJAPURKAR SIDDHARTH S ; YU ZHIYING

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US

UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A61F13/15 B31F1/07 B32B29/00 B32B37/02 B32B37/12 B32B5/26 B65H19/29 C08B15/00 C09D101/02 C09J101/02 C09J101/04 C09J11/08 C09J129/04 C09J5/00 D21H21/24 D21H27/00 D21H27/32 D21H27/40 (Advanced/Invention)

CPC: C09J101/04 C09J11/08 C09J129/04 C09J5/00 C09J2401/00 C09J2429/00 C09J2401/006 D21H27/002 D21H27/32 D21H21/24

Classification Explorer

Cited documents: US2016215179 AA, US2015368368 AA, US2014154756 AA, US2012219816 AA, US2010300605 AA, EP2526158 A1, EP0947549 A1,

0) US2006049190A – ABSORBENT MICROWAVE INTERACTIVE PACKAGING

9) Family number: 32681485 (US2006049190A) © PatBase

Title: ABSORBENT MICROWAVE INTERACTIVE PACKAGING

Priority:

CA20052577150	20050825	CA20052686462	20050825	EP20050791746	20050825
JP20070530119	20050825	US20070673130	20070209	US20070673136	20070209
US20050211858	20050825	US20040604637P	20040825	JP20070530119T	20050825
WO2005US30231	20050825				

Family:

Publication number	Publication date	Application number	Application date
AT507162 E	20110515	AT20050013840T	20050825
AT547348 E	20120315	AT20050791746T	20050825
CA2577150 AA	20070201	CA20052577150	20050825
CA2577150 C	20100223	CA20052577150	20050825
CA2686462 AA	20060309	CA20052686462	20050825
CA2686462 C	20120515	CA20052686462	20050825
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DE602005032931 D1	20120426	DE200560032931T	20050825
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EP1796988 B1	20120229	EP20050791746	20050825
EP2154085 A1	20100217	EP20090013840	20050825
EP2154085 B1	20110427	EP20090013840	20050825
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JP2009274770 A2	20091126	JP20090193050	20090824
JP4418496 B2	20100217	JP20070530119T	20050825
JP5059066 B2	20121024	JP20090193050	20090824
US2006049190 AA	20060309	US20050211858	20050825
US2007145045 AA	20070628	US20070673136	20070209
US2007166512 AA	20070719	US20070673130	20070209
US7982168 BB	20110719	US20070673136	20070209
WO06026345 A2	20060309	WO2005US30231	20050825
WO06026345 A3	20060526	WO2005US30231	20050825

Probable Assignee: GRAPHIC PACKAGING INT INC

Assignee(s):(std): FILES JOHN C ; GRAPHIC PACKAGING INTERNATIONA ; GRAPHIC PACKAGING INT INC ; GRAPHIC PACKAGING INTERNATL IN ; MIDDLETON SCOTT W ; LAFFERTY TERRENCE P ; SCHULZ WILLIAM J ; JESCH NORMAN L ; WOLFORD TOM ; WOLFORD THOMAS

Assignee(s): GRAPHIC PACKAGING INT INC MARIETTA ; GRAPHIC PACKAGING INTERNATL INC ; GRAPHIC PACKAGING INTERNATIONAL INC ; GRAPHIC PACKAGING INT ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS

Inventor(s):(std)**:** FILES JOHN ; FILES JOHN C ; JESCH NORMAN ; JESCH NORMAN L ; LAFFERTY TERRENCE ; LAFFERTY TERRENCE P ; MIDDLETON SCOTT ; MIDDLETON SCOTT W ; SCHULZ WILLIAM ; SCHULZ WILLIAM J ; TOM MIDDLETON SCOTT W LAFFERTY ; WOLFORD THOMAS ; WOLFORD TOM

Inventor(s): WOLFORD TOM HEISSON ; SCHULZ WILLIAM J WAUSAU ; MIDDLETON SCOTT W OSHKOSH ; LAFFERTY TERRENCE P WINNECONNE ; JESCH NORMAN L GOLDEN ; FILES JOHN C VANCOUVER ; FILES JOHN CAMERON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J27/00 A47J36/02 B32B27/08 B32B27/12 B32B3/10 B32B33/00 B65D65/40 B65D81/34 H05B6/74 H05B6/80 (Advanced/Invention); A47J27/00 A47J36/02 B32B27/12 B32B3/10 B65D65/40 B65D81/34 H05B6/74 H05B6/80 (Core/Invention)

CPC: Y10T428/24322 Y10T428/24331 Y10T428/1334 Y10T428/1352 B65D81/264 B65D81/3453 B65D81/3461 B65D2581/3472 B65D2581/3474 B65D2581/3477 B65D2581/3478 B65D2581/3479 B65D2581/3494 H05B6/6408 H05B6/6494

European class: B65D81/26E B65D81/34M1 B65D81/34M2 L65D581/34M5A L65D581/34M5B L65D581/34M5C L65D581/34M5C1 L65D581/34M5D L65D581/34M7S

US class: 219/730 219/759 428/137 428/137S 428/138 428/138P 428/35.2 428/35.7

Classification Explorer

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10) Family number: 29081264 (US2003172624A) © PatBase

Title: VERTICAL STAND–UP POUCH

Priority:

EP20030745100	20030312	JP20030578222	20030312	US20020100370	20020318
US20040778555	20040213	US20030721953	20031125	US20030695339	20031028
US20020135329	20020430	US20020124669	20020417	US20030696982	20031030
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WO2006US32181	20060817	WO2006US32181	20080527	WO2003US07505	20040918

Family:

Publication number	Publication date	Application number	Application date
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AU2006315927 AA	20070524	AU20060315927	20060817
AU2006315927 BB	20100722	AU20060315927	20060817
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TH59230 A	20031030	TH20031001334	20030409
TH61510 A	20040409	TH20031000853	20030311
TW200304419 A	20031001	TW20030105731	20030313
TW200305527 A	20031101	TW20030109166	20030416
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TW583119 B	20040411	TW20030109166	20030416
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WO07058689 C1	20080703	WO2006US32181	20060817

Probable Assignee: FRITO LAY NORTH AMERICA INC

Assignee(s):(std)**:** DIERL MARTIN B ; FRITO LAY NORTH AMERICA INC ; GEHRING JAY E ; FRITO LAY NORTH AMERICAN INC ; BARTEL LAWRENCE J ; BARTEL LAWRENCE JOSEPH ; GEHRING JAY EDWARD ; KNOERZER ANTHONY ROBERT ; KOHL GARRETT WILLIAM ; TUCKER STEVEN KENNETH ; RECOT INC ; KNOERZER ANTHONY R ; KOHL GARRETT W ; TUCKER STEVEN K ; REAVES JERRY M ; WHITE JERYL E ; HENDERSON ERIC T ; KOHL GARRERT W ; TUCKER STEEN KENNETH

Assignee(s): FRITO LAY NORTH AMERICA INC PLANO ; BRENKUS FRANK MATHEW ; FRITO LAY NORTH AMERCIA INC ; DIERL MARTIN BERNHARD

Inventor(s):(std)**:** BARTEL LAWRENCE J ; DIERL MARTIN B ; DIERL MARTIN BERNHARD ; GEHRING JAY EDWARD ; HENDERSON ERIC T ; HENDERSON ERIC THOMAS ; KENNETH KNOERZER ANTHONY ROBER ; KENNETH TUCKER STEVEN ; KNOZER ANTHONY ROBERT ; KOHL GARETT WILLIAM ; KOHL GARRERT W ; KOHL GARRETT ; KOHL GARRETT W ; KOHL GARRETT WILLIAM ; LAWRENCE JOSEPH BARTEL ; ROBERT KNOERZER ANTHONY ; STEVEN KENNETH TUCKER ; TUCKER STEEN KENNETH ; TUCKER STEVEN ; TUCKER STEVEN K ; TUCKER STEVEN KENNETH ; WILLIAM KOHL GARRETT ; KNOERZER ANTHONY ROBERT ; KNOERZER ANTHONY R ; KNOERZER ANTHONY ; KENNETH TUCKER STEEN ; JOSEPH BARTEL LAWRENCE ; GARRETT WILLIAM KOHL ; GEHRING JAY E ; BRENKUS FRANK MATHEW ; ANTHONY ROBERT KNOERZER ; WHITE JERYL EDWIN ; WHITE JERYL E ; BARTEL LAWRENCE JOSEPH ; BARTEL LAWRENCE ; REAVES JERRY MIKE ; REAVES JERRY M

Inventor(s): ANTHONY ROBERT KNOZER ; STEEN KENNETH TUCKER ; BARTEL LAWRENCE JOSEPH PILOT POINT ; GEHRING JAY ; GARRET WILLIAM KOHL ; GARETT WILLIAM KOHL ; DIERL MARTIN ; HENDERSON ERIC ; TUCKER STEVEN KENNETH HURST ; WHITE JERYL ; STEVEN KENNETH TUCKER ANTHONY ROBERT KNOERZER GARRET WILLIAM KOHL ; REAVES JERRY ; KOHL GARRETT WILLIAM ALLEN ; KOHL GARRERT WILLIAM ; KOHL GARRERT ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM TUCKE ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM TUCKER STEVEN KENNETH ; KNOERZER ANTHONY ROBERT PARKER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ

GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B31B1/26 B31B1/64 B31B31/26 B31B37/26 B65B11/58 B65B41/00 B65B47/00 B65B59/04 B65B61/00 B65B61/02 B65B61/18 B65B63/04 B65B9/02 B65B9/06 B65B9/067 B65B9/10 B65B9/20 B65B9/207 B65B9/213 B65B9/22 B65D30/10 B65D30/16 B65D30/20 B65D33/00 B65D33/16 B65D33/25 B65D33/30 B65D75/58 B65D77/02 C12C1/027 (Advanced/Invention);
B31B1/90 B65B9/06 B65B9/20 B65D30/16 B65D75/42 B65H5/28 (Advanced/Non–invention);
B31B37/00 B65B5/06 B65B9/06 B65B9/10 B65D30/16 (Core/Invention);
B65B (Subclass/Invention)

International class (IPC 1–7): B65B41/00 B65B47/00 B65B5/06 B65B61/02 B65B61/18 B65B9/00 B65B9/06 B65B9/10 B65B9/20 B65D30/10 B65D30/16 B65D33/00 B65D33/16 B65D33/25 C12C1/027

CPC: B65D75/30 B65D33/1691 B29C65/305 B29C65/7891 B29C66/474 B29C66/81427 B29L2005/00 B65B9/2028 B65B61/188 B65B2220/12 B65D31/10 B65D33/2533 B65D33/2591 B65D75/5811 B26F1/14 B26F1/44 B26F2001/4472 B26F2001/4481 B29C65/18 B29C65/7457 B29C66/112 B29C66/135 B29C66/4322 B29C66/49 B29C66/71 B29C66/73713 B29C66/8322 B29C66/83221 B29C2793/0045 B29C2795/002 B65B61/007 B65B2220/18 B65B2220/22 B29C53/10 B29C65/02 B29C66/1122 B29C66/344 B29C66/849 B29K2023/12 B29K2067/00 B29K2305/02 B29K2995/005 B29L2009/00 B29L2009/003 B29L2031/7128 B29C66/73711 B29C66/4312 B65B9/2042 B65B9/213 B65B9/22 B65B59/04 B65B65/06 B65D75/008 B65B9/20 B29C66/723 B29C66/72321 B29C66/72328 B29C66/7234 B65B9/207

European class: B29C53/10 B29C65/74E6 B65B59/04 B65B61/18E B65B65/06 B65B9/20 B65B9/20M4 B65B9/20Q B65B9/213 B65B9/22 B65D31/10 B65D33/16H B65D33/25A1C B65D33/25C B65D75/00E B65D75/58B1 L26F1/44H L26F1/44I L29C65/02 L29C66/112 L29C66/1122 L29C66/135 L29C66/344 L29C66/43 L29C66/71 L29C66/73713 L29C66/849 L29C793/00E L29C795/00B L29K23/12 L29K305/02 L29K67/00 L29K995/00F10 L29L31/7128 L29L9/00 L29L9/00C L65B220/12 L65B220/18 L65B220/22 L65D75/00E L65D75/30

US class: 206/484 206/494 221/281 221/70 383/104 383/104P 383/104S 383/121 383/121S 383/122 383/122S 383/62 383/62P 383/89 383/89S 426/106 426/106P 426/108 426/108S 426/87 426/87P 493/194 493/194S 493/243 493/243S 493/248 493/256 493/418 493/429 493/440 5/345.9 53/116 53/131.5 53/133.4 53/133.400S 53/139.2 53/139.200S 53/201 53/370.2 53/370.6 53/410 53/411 53/412 53/412P 53/412S 53/429 53/449 53/450 53/451 53/451P 53/451S 53/459 53/469 53/551 53/551P 53/551S 53/552 53/552S 53/591 534/100 534/110 534/510

Classification Explorer

Cited documents: WOFR00303, WO9319996 A1, WO9300303 A1, WO03089304 A1, USRE34905 E, US7552574 BB, US7516596 BB, US7299608 BB, US729608 A, US7254930 BB, US7213385 BB, US7032362 BB, US6935086 BB, US6886313 BB, US6860084 BB, US6802172 BA, US6729109 BB, US6729109 BA, US6729109 B1, US6722106 BB, US6679034 BB, US6655110 BB, US6615567 BB, US6615567 BA, US6615567 B1, US6609999 BB, US6600999 BB, US6588177 BA, US6560948 BA, US6543206 BB, US6526733 BA, US6519917 BB, US6481183 BA, US6398412 BB, US6398412 BA, US6398412 B1, US6279298 BA, US6212861 BA, US6145282 A, US6134864 A, US6102536 A, US6049521 A, US6047521 A, US6030652 A, US6029428 A, US6021919 A, US6007246 A, US6003289 A, US5971613 A, US5957823 A, US5930983 A, US5916685 A, US5887722 A, US5862652 A, US5826401 A, US5788378 A, US5768969 A, US5768852 A, US5746043 A, US5689933 A, US5620087 A, US5590783 A, US5578969 A, US5564259 A, US5561996 A, US5561966 A, US5551208 A, US5551028 A, US5540032 A, US5505037 A, US5435802 A, US5425216 A, US5425215 A, US5412924 A, US5400565 A, US5398486 A, US5345750 A, US5322579 A, US5265075 A, US5255497 A, US5246416 A, US5242516 A, US5241804 A, US5170608 A, US5150561 A, US5147278 A, US5127208 A, US5094657 A, US5046300 A, US5030190 A, US5014497 A, US4993212 A, US4986054 A, US4979617 A, US4925438 A, US4913561 A, US4894975 A, US4840012 A, US4829745 A, US4790126 A, US4709533 A, US4697403 A, US4624095 A, US4604854 A, US4604852 A, US4597103 A, US4584201 A, US4365459 A, US4328895 A, US4194438 A, US4079662 A, US4061326 A, US3980225 A, US3955338 A, US3935993 A, US3918698 A, US3846569 A, US3785636 A, US3785112 A, US3741778 A, US3719021 A, US3659775 A, US3647060 A, US3566756 A, US3543467 A, US3537636 A, US3508374 A, US34905 A, US3485349 A, US3397505 A, US3386645 A, US3385024 A, US3382644 A, US3372797 A, US3372787 A, US3337117 A, US3314591 A, US3309834 A, US3199756 A, US3173601 A, US3149771 A, US2978853 A, US2925699 A, US2925695 A, US2836291 A, US2718105 A, US2417894 A, US2385897 A, US2330585 A, US2294215 A, US2265075 A, US2260064 A, US2259866 A, US2257823 A, US2248471 A, US2194451 A,

US2006196151 AA, US2006140514 AA, US2006064947 AA, US2005238766 AA, US2005210840 AA, US2005198929 AA, US2004161174 AA, US2003230052 AA, US2003009989 AA, US2002023411 AA, US1943937 A, US1285835 A, JP7187138 A2, JP7017506, JP6305057 A2, JP3744948 B2, JP2191159 A2, JP2006500287 T2, JP2006500287, JP2001206307 A2, JP2000190908 A2, GBD2101909, GB2298850 A1, GB2101909 A1, GB2087828 A1, FRPCT/FR93/00303, FR2102442 A5,

0) US2007134302A – ANTIMICROBIAL SUBSTRATES WITH PEROXIDE TREATMEN...

11) Family number: 34552856 (US2007134302A) © PatBase

Title: ANTIMICROBIAL SUBSTRATES WITH PEROXIDE TREATMENT

Priority: US20050301546 20051213 US20070847976 20070830 WO2006US43031 20061103

Family:

Publication number	Publication date	Application number	Application date
CA2631224 AA	20080527	CA20062631224	20061103
EP1959734 A2	20080827	EP20060836913	20061103
JP2009519102 T2	20090514	JP20080545595T	20061103
US2007134302 AA	20070614	US20050301546	20051213
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US8778386 BB	20140715	US20070847976	20070830
WO07070184 A2	20070621	WO2006US43031	20061103
WO07070184 A3	20080731	WO2006US43031	20061103
WO09027866 A2	20090305	WO2008IB52512	20080624
WO09027866 A3	20090522	WO2008IB52512	20080624

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BAGWELL ALISON S ; BAGWELL ALISON SALYER ; KIMBERLY CLARK CO ; KOENIG DAVID W ; LIU KOU CHANG ; YAHIAOUI ALI

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGWELL ALISON S ; BAGWELL ALISON SALYER ; KOENIG DAVID W ; LIU KOU CHANG ; YAHIAOUI ALI

Inventor(s): KOENIG DAVID ; BAGWELL ALISON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A01N25/18 A01N25/34 A01N31/00 A01N59/00 A01P1/00 A41D13/12 A41D19/00 A47K7/00 A61F13/00 A61K33/40 A61K9/70 A61L2/16 (Advanced/Invention); A01N25/18 A01N25/34 A01N31/00 A01N59/00 A01P1/00 A47K7/00 A61F13/00 A61K33/40 A61K9/70 (Core/Invention)

CPC: A61L2/23 A61L2/232 A61K33/40 A01N25/34

European class: A01N25/34 A61K33/40 A61L2/23 A61L2/232

US class: 424/414 424/414P 424/443 424/616 514/714 514/714S

Classification Explorer

Cited documents: WO9952362 A1, WO9821305 A1, WO9821220 A2, WO9810737 A1, WO9531102 A1, WO06040067 A1, US6887350 BB, US6805965 BB, US6727004 BB, US6582558 BA, US6576087 BA, US6511580 BA, US6432270 BA, US6387379 BA, US6136775 A, US5993839 A, US5906823 A, US5813398 A, US5725867 A, US5628876 A, US5624790 A, US5620527 A, US5595628 A, US5566724 A, US5554467 A, US5553608 A, US5527171 A, US5514523 A, US5500277 A, US5496624 A, US5487896 A, US5431786

A, US5389202 A, US5383450 A, US5334289 A, US5328565 A, US5322061 A, US5275700 A, US5261421 A, US5260171 A, US5183901 A, US5180605 A, US5133090 A, US5098522 A, US5031245 A, US5020533 A, US5008093 A, US4969457 A, US4853978 A, US4847089 A, US4835019 A, US4818464 A, US4802473 A, US4793898 A, US4781974 A, US4654208 A, US4640810 A, US4594130 A, US4528239 A, US4514345 A, US4494278 A, US4375448 A, US4259383 A, US4100324 A, US4059678 A, US3903244 A, US3755185 A, US3649194 A, US3585104 A, US3480557 A, US3376110 A, US2008033091 AA, US2007134302 AA, US2006051384 AA, US2005137540 AA, US2004151919 AA, US2004009210 AA, US2004009141 AA, US2003235605 AA, US2002142690 AA, JP11313790 A2, EP1133982 A2, EP1034801 A1, EP0831056 A2, EP0728181 B1, EP0700428 B1, EP0467869 B1, EP0463202 A1, EP0456627 B1, EP0447582 A1, EP0429224 A1, EP0350147 B1, EP0346835 A2, EP0300814 B1, EP0288419 A1, EP0284132 B1, EP0256369 A2, EP0173450 A2, EP0002594 B1,

0) US2004096483A – METHOD FOR INCREASING TAIL ADHESION OF WET ROLL...

12) Family number: 30573284 (US2004096483A) © PatBase

Title: METHOD FOR INCREASING TAIL ADHESION OF WET ROLLS

Priority: US20020295013 20021114

Family:

Publication number	Publication date	Application number	Application date
MXPA03009071 A1	20040518	MX2003PA09071	20031003
US2004096483 AA	20040520	US20020295013	20021114
US7238236 BB	20070703	US20020295013	20021114

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; WANG KENNETH Y ; WILKS DAVID J ; ZACHARIAS DUANE K ; DOYLE ANDREW PETER

Inventor(s):(std)**:** DOYLE ANDREW PETER ; KENNETH Y WANG ; WANG KENNETH Y ; WILKS DAVID J ; ZACHARIAS DUANE K

International class (IPC 8–9)**:** B05C11/02 B05C3/12 B65H19/29 B65H81/00 (Advanced/Invention); B05C11/02 B05C3/02 B65H19/22 B65H81/00 (Core/Invention)

International class (IPC 1–7)**:** A61K9/70 C09J7/02

CPC: Y10T156/1798 B65H19/29 B65H2301/5162 B65H2408/235 B65H2701/1728 B65H2701/1846

European class: B65H19/29 L65H301/5162 L65H351/620 L65H408/235 L65H701/1728 L65H701/1846

US class: 118/117 118/325 118/420 156/446 156/450 156/578 424/443 424/443P

Classification Explorer

Cited documents: WO0140090 A2, WO0063099 A1, US6579570 BA, US6548592 BA, US6537663 BA, US6537631 BA, US6444214 BA, US6429261 BA, US6423804 BA, US6372064 BA, US6342297 BA, US6257410 BA, US6129304 A, US6028018 A, US6022452 A, US5979818 A, US5839680 A, US5636810 A, US5603467 A, US5542622 A, US5538199 A, US5402960 A, US5387284 A, US5368252 A, US5271515 A, US5271137 A, US5259910 A, US5248106 A, US5137225 A, US5125302 A, US4894277 A, US4856725 A, US4842681 A, US4818464 A, US4775110 A, US4741944 A, US4635867 A, US4495011 A, US4487377 A, US4280669 A, US4100324 A, US4026752 A, US3935057 A, US3926299 A, US3898920 A, US3856226 A, US3172612 A, US2006124247 AA, US2003113458 AA, US2003025029 AA, US2003017333 AA, US2003015209 AA, US2002127937 AA, GB1009687 A,

0) US2006000845A – DISPENSER FOR ROLLED SHEET MATERIAL

13) Family number: 32532967 (US2006000845A) © PatBase

Title: DISPENSER FOR ROLLED SHEET MATERIAL

Priority: US20040881863 20040630

Family:

Publication number	Publication date	Application number	Application date
US2006000845 AA	20060105	US20040881863	20040630
US7530460 BB	20090512	US20040881863	20040630
WO06007186 A1	20060119	WO2005US18310	20050524

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; LEWIS RICHARD PAUL ; TRAMONTINA PAUL FRANCIS

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** LEWIS RICHARD P ; LEWIS RICHARD PAUL ; TRAMONTINA PAUL F ; TRAMONTINA PAUL FRANCIS

Inventor(s): TRAMONTINA PAUL ; LEWIS RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/38 B65D83/08 B65D85/00 B65G47/14 B65G59/00 B65H1/00 G07F11/00 (Advanced/Invention); A47K10/24 B65D83/08 B65D85/00 B65G47/14 B65G59/00 B65H1/00 G07F11/00 (Core/Invention)

International class (IPC 1–7): A47K10/38 B65D83/08

CPC: A47K10/3818 A47K2010/3206 B65D83/0805

European class: A47K10/38B1 B65D83/08B K47K10/32B

US class: 206/409 221/1 221/282 221/302 221/45 221/47 221/48 221/63

Classification Explorer

Cited documents: WO9721377 A1, WO9322964 A1, WO9322963 A1, USD449474 S1, USD403543 S1, USD396369 S1, USD385734 S1, USD339015 S1, USD339014 S1, USD337464 S1, USD296765 S1, USD285995 S1, US836825 A, US740921 A, US6945424 BA, US68722 A, US6629667 BB, US6575397 BA, US642317 A, US6354426 BA, US6328252 BA, US6267321 BA, US6189726 BA, US6182858 BA, US6158614 A, US6145782 A, US6129240 A, US6089499 A, US6086012 A, US6082663 A, US6062422 A, US5979812 A, US595779 A, US5868346 A, US5857642 A, US5785274 A, US5773184 A, US5769354 A, US5765718 A, US5762287 A, US5762286 A, US5749492 A, US5715972 A, US5715971 A, US5712210 A, US5582362 A, US5577635 A, US5577634 A, US5560514 A, US550863 A, US5480060 A, US5469987 A, US5370338 A, US5346064 A, US5310083 A, US5273184 A, US5263607 A, US5246137 A, US5219126 A, US5215211 A, US5211308 A, US5205455 A, US5142171 A, US5141171 A, US5131561 A, US5065924 A, US4979617 A, US4905868 A, US4899905 A, US4864415 A, US4846415 A, US480848 A, US4760970 A, US4756460 A, US4579266 A, US4564491 A, US4534895 A, US4534491 A, US4524895 A, US449474 A, US4460106 A, US4373687 A, US4289262 A, US4262816 A, US4180160 A, US403543 A, US396369 A, US3923223 A, US3877576 A, US385734 A, US3627216 A, US3523653 A, US339015 A, US339014 A, US337464 A, US3176891 A, US296765 A, US2864495 A, US285995 A, US2818757 A, US2669818 A, US2668694 A, US2667854 A, US2667853 A, US238460 A, US231183 A, US2270299 A, US2222357 A, US2145693 A, US2120639 A, US2063213 A, US2038778 A, US2003122031 AA, US2003111480 AA, US1455216 A, US1066787 A, GB2270299 A1, GB2244472 A1, GB2145693 A1, GB2120639 A1, GB2063213 A1, GB2038778 A1, GB1455216 A, FR2681846 A1, FR2669818 A1, FR2668694 A1, FR2667854 A1, FR2667853 A1, EP1066787 A1, EP0836825 A1, EP0740921 A1, EP0642317 A1, EP0595779 A1, EP0550863 A1, EP0480848 A1, EP0238460 A1, EP0231183 A1, EP0128127 A2, EP0117567 A1, EP0107487 A1, EP0091411 A1, EP0068722 A2, EP0061248 A2, DE2818757 A1, DE2222357 A1, CA2452242 AA,

0) US6705565B – SYSTEM AND DISPENSER FOR DISPENSING WET WIPES

14) Family number: 33534102 (US6705565B)

© PatBase

Title: System and dispenser for dispensing wet wipes

Priority:

US19990132024P	19990430	US20000545995	20000410	US20000565227	20000504
US20000659295	20000912	WO2001US40677	20010504		

Family:

Publication number	Publication date	Application number	Application date
AU2001259830 AA	20011112	AU20010259830	20010504
AU2001259830 BB	20051117	AU20010259830	20010504
BRPI0110461 A	20050111	BR2001PI10461	20010504
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DE60132992 D1	20080410	DE20016032992	20010504
DE60132992 T2	20090226	DE20016032992T	20010504
EP1280448 A1	20030205	EP20010933400	20010504
EP1280448 B1	20080227	EP20010933400	20010504
JP2004518451 T2	20040624	JP20010579649T	20010504
KR20030001469 A	20030106	KR20027014711	20010504
MXPA02010176 A1	20030310	MX2002PA10176	20010504
PL365881 A1	20050110	PL20010365881	20010504
US6705565 BA	20040316	US20000565227	20000504
WO0182765 A1	20011108	WO2001US40677	20010504

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): LARSON JENNIFER CAPPEL ; RIVERA LIGIA A ; NEWMAN WILLIAM ROBERT ; KALMAN JEFFREY M ; VELAZQUEZ HERB F ; ROMME STEVEN JOHN ; BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; HUANG YUNG HSIANG ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** MICHAEL JOHN FAULKS ; NEWMAN WILLIAM ROBERT ; PAIGE ANNETTE DELLERMAN ; ROMME STEVEN JOHN ; STEVEN JOHN ROMME ; WILLIAM ROBERT NEWMAN ; YUNG HSIANG HUANG ; VELAZQUEZ HERB F ; ROMME STEVE J ; RIVERA LIGIA A ; PELUSO JOHN E ; NEWMAN WILLIAM R ; HUANG YUNG H ; FAULKS MICHAEL J ; DELLERMAN PAIGE A ; BOCHMANN CHERRY A ; BOCHMANN CHERRY ANN ; CHERRY A BOCHMANN ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAE JOHN ; FAULKS MICHAEL JOHN ; GERALD P DEGREEN ; HERB F VELAZQUEZ ; HUANG YUNG HSIANG ; JEFFREY M KALMAN ; JENNIFER CAPPEL LARSON ; KALMAN JEFFREY M ; LARSON JENNIFER CAPPEL ; LIGIA A RIVERA

Inventor(s): MICHAE JOHN FAULKS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/32 A47K10/34 A47K10/38 A47K10/42 A47K7/00 B65D85/672 (Advanced/Invention); A47K10/32 A47K10/38 (Advanced/Non–invention); A47K10/24 A47K7/00 B65D85/67 (Core/Invention)

International class (IPC 1–7): A47K010/38 A47K010/42 A47K10/38 A47K10/42 B65H16/06 B65H18/04

CPC: A47K10/426 A47K2010/3266 B65D85/672 A47K10/32

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 242/598.6

Classification Explorer

Cited documents: WO9906311 A2, WO9901536, WO9834781, WO9808763, WO9621388, WO9317933, WO09748618, WO09659306, WO09565623, WO09565125, WO09564939, WO09564780, WO09564531, WO09564449, WO09564424, WO09564268, WO09564213, WO09564212, WO09554837, WO09223999, WO0141613, WO0117496, WO0057843, WO0008998, WO0000071, USRE35976, USD429282, USD422437, USD421691, USD417987, USD417109, USD416794, USD412439, USD397265, USD387590, USD386025, USD381851, USD377284, USD362773, USD347534, USD342852, USD342635, USD329978, USD311106, USD303890, US6827309, US6815502, US6785946, US6745975, US6713414, US6705565, US6702227, US6683143, US6682013, US6659391, US6653406, US6626395, US6599848, US6579570, US6548592, US6537663, US6537631, US6444214, US6429261, US6423804, US6237871 BA, US6228454, US6158614, US6138939, US6121165, US6098836, US6092759, US6092758, US6092690, US6085899, US6082664, US6079603, US6070821, US6068118, US6059928, US6059882, US6056235, US6056233, US6047920, US6036134, US6029921, US6024323, US6024217, US6024216, US6015125, US6010001, US6007019, US6000658, US6000538, US5992718, US5979821, US5971142, US5971138, US5967452, US5964351, US5958187, US5951762, US5950960, US5938013, US5924617, US5914177, US5904316, US5901921, US5897074, US5893531, US5887818, US5887759, US5875985, US5868347, US5868346, US5868345, US5868344, US5868335, US5868275, US5848762, US5839688, US5765717, US5755654, US5727458, US5704566, US5704565, US5697577 A, US5697576, US5687875, US5672206, US5669576, US5667092, US5660636, US5660313 A, US5655661, US5653403, US5649676, US5642810, US5631317, US5630563, US5630526, US5624025, US5620148, US5618008, US5609269, US5605250, US5604992, US5598987, US5588615, US5562964, US5560514, US5542568, US5540332, US5533621, US5526973, US5520308, US5509593, US5501323, US5495997, US5494250, US5480060, US5464170, US5464096, US5462197, US5456421, US5456420, US5449127, US5443084, US5439521 A, US5411729, US5409181, US5400982, US5392945, US5384189, US5374008, US5370336, US5368157, US5335811, US5317063, US5312883, US5311986, US5310262, US5277375, US5260401, US5255800, US5253818, US5237035, US5235017, US5228632, US5219092, US5207367, US5195689, US5193759, US5192044, US5172840, US5170958, US5154496, US5149765, US5145091, US5141171, US5137173, US5114771, US5104054, US5070171, US5050737, US5049440, US5029787, US5012986, US5009313, US5001956, US5000393, US4991538, US4989800, US4984530, US4978095, US4940626, US4936452, US4913365, US4890205, US4889292 A, US4884690, US4883197, US4877133, US4860893, US4846412, US4836462, US4836368, US4834316 A, US4830301, US4828193, US4826063, US4807823, US4790490, US4784290, US4756485, US4735317, US4721264, US4690345, US4687153, US4684075, US4667890, US4662577, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4280978 A, US4274573 A, US4272473 A, US4260117 A, US4244493 A, US4238541 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A, US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3973695 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3868052 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3771399 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US3291411 A, US2487763 A, US2440974 A, US1664392 A, US09660049, US09660040, US09659311, US09659307, US09659295, US09659284, US09659283, US09565227, US09545995, GB990332, GB1324818, EP1023863, EP1002746, EP0728426, EP0608460, EP0501905, EP0343304, EP0122809, AU8762698 A1,

0) US2001039786A – METHOD FOR PROVIDING WET WIPES

15) Family number: 33531829 (US2001039786A) © PatBase

Title: Method for providing wet wipes

Priority: US20000545995 20000410 US20000565227 20000504 US20000748618 20001222 US20000660049 20000912 WO2001US12091 20010406

Family:

Publication number	Publication date	Application number	Application date
AU2001253454 AA	20011023	AU20010253454	20010406
AU2001253454 AH	20081113	AU20010253454	20010406
BRPI0109714 A	20040727	BR2001PI09714	20010406
CA2404447 AA	20020920	CA20012404447	20010406
CL2001000835 A1	20020227	CL20010000835	20010410
KR20030045667 A	20030611	KR20027013502	20021009
MXPA02009723 A1	20030327	MX2002PA09723	20010406
TW541158 B	20030711	TW20010107839	20010402
US2001039786 AA	20011115	US20000748618	20001222
WO0176441 A2	20011018	WO2001US12091	20010406
WO0176441 C1	20081002	WO2001US12091	20010406

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; ROMME STEVEN J ; NEWMAN WILLIAM ROBERT ; VELAZQUEZ HERB F ; RIVERA LIGIA A ; STANCA NICK E ; KIMBERLY CLARK CO

Assignee(s): ROMME STEVEN JOHN ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; NEWMAN WILLIAM ROBERT ; RIVERA LIGIA A ; ROMME STEVEN J ; ROMME STEVEN JOHN ; VELAZQUEZ HERB F ; STANCA NICK E

Inventor(s): STEVEN JOHN ROMME ; VELAZQUEZ H F RIVERA ; VELAZQUEZ HF RIVERA ; WILLIAM ROBERT NEWMAN ; FAULKS MICHAEL JOHN AND ; STANCA N E ; STANCA NE ; ROMME S M ; ROMME SM ; NICK E STANCA ; PAIGE ANNETTE DELLERMAN ; GERALD P DEGREEN ; HERB F VELAZQUEZ ; L ; LIGIA A RIVERA ; MICHAEL JOHN FAULKS ; NEWMAN W ; FAULKS M ; DELLERMAN P ; CHERRY A BOCHMANN ; BOCHMANN C A DEGREEN G ; BOCHMANN CA DEGREEN G

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/32 A47K10/34 A47K10/38 A47K10/42 B65B5/04 B65D1/22 B65D85/672 B65H16/02 (Advanced/Invention); A47K10/32 (Advanced/Non–invention); A47K10/24 B65D85/67 (Core/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 A47K10/42 B65B5/04 B65H16/02

CPC: A47K10/3827 A47K10/426 A47K2010/3266 B65D85/672 A47K10/32

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 242/598 53/471 53/476

Classification Explorer

0) WO16132168A1 – A CORELESS ROLL AND A MANUFACTURING METHOD ROU...

16) Family number: 63313513 (WO16132168A1) © PatBase

Title: A CORELESS ROLL AND A MANUFACTURING METHOD

Priority: WO2015IB00576 20150216

Family:

Publication number	Publication date	Application number	Application date
AU2015383547 AA	20160825	AU20150383547	20150216
CN107250013 A	20171013	CN201580076306	20150216
CO20170008071 A2	20171031	CO20170008071	20170810
WO16132168 A1	20160825	WO2015IB00576	20150216

Probable Assignee: SCA TISSUE FRANCE

Assignee(s):(std)**:** SCA TISSUE FRANCE

Inventor(s):(std)**:** BARREDO DONALD

Inventor(s): DONALD BARREDO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 (Advanced/Invention)

CPC: B65H19/2276 B65H2301/414325

Classification Explorer

Cited documents: US5344091 A, US2010320302 AA, US2008245923 AA, GB1554619 A, EP2266904 A2, EP1380526 A2, EP1256541 A2,

0) US2006093788A – DISPOSABLE FOOD PREPARATION MATS, CUTTING SHEET...

17) Family number: 32882327 (US2006093788A) © PatBase

Title: DISPOSABLE FOOD PREPARATION MATS, CUTTING SHEETS, PLACEMATS, AND THE LIKE

Priority: US20040977486 20041029 WO2005US22826 20050628

Family:

Publication number	Publication date	Application number	Application date
AU2005301318 AA	20060511	AU20050301318	20050628
AU2005301318 BB	20101209	AU20050301318	20050628
BRPI0516068 A	20080819	BR2005PI16068	20050628
BRPI0516068 B1	20160621	BR2005PI16068	20050628
DE602005018950 D1	20100304	DE200560018950T	20050628
EP1805011 A1	20070711	EP20050763771	20050628
EP1805011 B1	20100113	EP20050763771	20050628
KR101209968 B1	20121207	KR20077009666	20050628
KR20070072553 A	20070704	KR20077009666	20050628
MX2007004944 A1	20070612	MX20070004944	20050628
US2006093788 AA	20060504	US20040977486	20041029
WO06049660 A1	20060511	WO2005US22826	20050628

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BEHM RICHARD J ; CHEN FUNG JOU ; HINES ELIZABETH ANNE ; JOHNSON JEFFREY J ; KIMBERLY CLARK CO ; SOREBO HEATHER ANNE ; SHANNON THOMAS G ; SKOOG HENRY ; LINDSAY JEFFREY DEAN ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BEHM RICHARD JOSEPEPH ; BEHM RICHARD JOSEPPH ; SOREBO HEATHER ANNE ; SOREBO HEATHER A ; SKOOG HENRY ; SHANNON THOMAS G ; LINDSAY JEFFREY DEAN ; LINDSAY JEFFREY D ; JOHNSON JEFFREY J ; HINES ELIZABETH ANNE ; HINES ELIZABETH A ; CHEN FUNG JOU ; BEHM RICHARD J

Inventor(s): HEATHER A SOREBO ; JEFFREY D LINDSAY ; RICHARD JOSEPEPH BEHM ; RICHARD JOSEPPH BEHM ; THOMAS G SHANNON ; RICHARD J BEHM ; JEFFREY J JOHNSON ; JEFFREY DEAN LINDSAY ; HENRY SKOOG ; HEATHER ANNE SOREBO ; FUNG JOU CHEN ; ELIZABETH ANNE HINES ; SOREBO HEATHER ; SHANNON THOMAS ; LINDSAY JEFFREY ; JOHNSON JEFFREY ; HINES ELIZABETH ; BEHM RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B32B27/12 B32B3/10 C08J5/18 (Advanced/Invention); C08J5/18 (Advanced/Non–invention); B32B27/00 B32B27/12 B32B3/10 C08J5/18 (Core/Invention)

International class (IPC 1–7): B32B27/12

CPC: Y10T428/24322 B32B2250/20 B32B2262/0253 B32B2262/04 B32B2307/7145 B32B2307/7265 B32B3/266 A47J36/022 A47J47/005 B32B5/022 B32B5/06 B32B5/26 B32B27/12 B32B2250/03 B32B2307/758 B32B2432/00

European class: A47J47/00A B32B27/12 B32B3/26B B32B5/02A B32B5/06 B32B5/26 K47J36/02B L32B250/03 L32B250/20 L32B262/02H L32B262/04 L32B307/714B L32B307/726B L32B307/758 L32B432/00

US class: 428/137 428/137P

Classification Explorer

Cited documents: WO0228577 A2, WO02028577, USRE36717 E, US6918993 BB, US6887350 BB, US6846383 BB, US6808790 BB, US6783658 BB, US6673761 BB, US6649891 BA, US6573203 BA, US6416959 BA, US6412399 BA, US6403135 BA, US6383615 BB, US6332952 BA, US6274232 BA, US6258428 BA, US6258196 BA, US6231948 BA, US6231268 BA, US6228462 BA, US6221579 BA, US6200669 BA, US6197928 BA, US6197154 BA, US6164478 A, US6159599 A, US6143135 A, US6120642 A, US6096169 A, US6060256 A, US6027611 A, US5998032 A, US5990377 A, US5922550 A, US5855571 A, US5827254 A, US5819615 A, US5759926 A, US5712012 A, US5672248 A, US5656132 A, US5628876 A, US5624790 A, US5611255 A, US5520945 A, US5496624 A, US5494554 A, US5472790 A, US5431786 A, US5399412 A, US5382400 A, US5334289 A, US5328565 A, US5320895 A, US5284703 A, US5275700 A, US5231268 A, US5129988 A, US5098522 A, US5048589 A, US5000157 A, US4787597 A, US4705021 A, US4629643 A, US4528239 A, US4514345 A, US4342314 A, US4340563 A, US4324246 A, US4222921 A, US4147586 A, US4129528 A, US4100324 A, US3955003 A, US3899388 A, US3879257 A, US3855158 A, US3802817 A, US3772076 A, US3700623 A, US3692618 A, US3673052 A, US3542615 A, US3502763 A, US3341394 A, US3338992 A, US2005142331 AA, US2004118544 AA, US2003203159 AA, US2003093046 AA, US2002136871 AA, US2002136871, JP10033396, GB2119709 A1, FR2319489 A1, EP0265684 A2,

0) US3054551A – FLUID IMPERVIOUS CONTAINERS

18) Family number: 22818200 (US3054551A)

© PatBase

Title: FLUID IMPERVIOUS CONTAINERS

Priority: US19590827279 19590715

Family:

Publication number	Publication date	Application number	Application date
US3054551 A	19620918	US19590827279	19590715

Probable Assignee: CROWN ZELLERBACH CORP

Assignee(s):(std)**:** CROWN ZELLERBACH CORP

Inventor(s):(std)**:** JOHNSON ORVILLE R ; HOLBROOK HERBERT T

International class (IPC 8–9)**:** B31B1/90 B65D33/00 B65D75/68 (Advanced/Invention); B31B1/74 B65D33/00 B65D75/52 (Core/Invention)

International class (IPC 1–7)**:** B65B61/18 B65D5/54

CPC: B65D75/68 B65D33/00 B31B50/8126

European class: B31B1/90 B65D33/00 B65D75/68 L31B201/90B3A

US class: 383/206

Classification Explorer

Cited documents: US2952395 A, US2870953 A, US2790594 A, US2699285 A, US2611483 A, US2353746 A, US2293952 A,

0) WO0221988A1 – SYSTEM FOR DISPENSING PLURALITY OF WET WIPES S...

19) Family number: 33534604 (WO0221988A1) © PatBase

Title: SYSTEM FOR DISPENSING PLURALITY OF WET WIPES

Priority: US20000660040 20000912 US20010841323 20010424 US20010900359 20010706 WO2001US28517 20010912

Family:

Publication number	Publication date	Application number	Application date
AU2001290819 AA	20020326	AU20010290819	20010912
AU2001290819 BB	20060914	AU20010290819	20010912
AU200190819 A1	20020326	AU20010090819	20010912
AU200190819 A5	20020326	AU20010090819D	20010912
BRPI0113851 A	20040608	BR2001PI13851	20010912
BRPI0113851 B1	20101228	BR2001PI13851	20010912
CL2001002121 A1	20020729	CL20010002121	20010830
DE60124743 D1	20070104	DE20016024743	20010912
DE60124743 T2	20070315	DE20016024743T	20010912
EP1317202 A1	20030611	EP20010970867	20010912
EP1317202 B1	20061122	EP20010970867	20010912
MXPA03002149 A1	20030724	MX2003PA02149	20010912
TW561036 B	20031111	TW20010122326	20010910
WO0221988 A1	20020321	WO2001US28517	20010912

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WOLDWIDE INC

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** DELLERMAN PAIGE ANNETTE ; HUANG YUNG HSIANG ; FAULKS MICHAEL JOHN ; LARSON JENNIFER CAPPEL ; LEAK A TODD ; LEAK TODD A ; YUNG HSIANG

	HUANG ; TODD A LEAK ; STEVEN JOHN ROMME ; PAIGE ANNETTE DELLERMAN ; MICHAEL JOHN FAULKS ; LIGIA A RIVERA ; JENNIFER CAPPEL LARSON ; ROMME JOHN ; RIVERA A ; LEAK TODD ; LARSON CAPPEL ; HUANG HSIANG ; FAULKS JOHN ; DELLERMAN ANNETTE ; RIVERA LIGIA A ; ROMME STEVEN JOHN
Inventor(s):	STEVEN JOHN ; YUNG HSIANG ; RIVERA LIGIA A AND ; ROME ; ROME STEVEN JOHN ; LIGIA A ; MICHAEL JOHN ; RIVERA ; LEAK ; LEAK A ; HUANG ; JENIFER CAPPEL ; LARSON ; LARSON JENIFER CAPPEL ; FAULKS ; A TODD LEAK ; DELLEMAN PAIGE A
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
International class (IPC 8–9):	A47K10/22 A47K10/32 A47K10/38 A47K10/42 A47K7/00 B65D85/672 (Advanced/Invention)
International class (IPC 1–7):	A47K10/22 A47K10/32 A47K10/38
CPC:	Y10T225/224 Y10T225/239 Y10T225/297 A47K10/32 A47K10/3827 A47K10/426 A47K2010/3206 A47K2010/3266 B65D85/672
European class:	A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32B K47K10/32W
Classification Explorer	
Cited documents:	US5439521 A,

0) US2003116674A – CONTINUOUS MOTION CORELESS ROLL WINDER

20) Family number: 28688989 (US2003116674A) © PatBase

Title:	CONTINUOUS MOTION CORELESS ROLL WINDER
Priority:	CA20022400776 20020828 US20010036863 20011221

Family:

Publication number	Publication date	Application number	Application date
CA2400776 AA	20030621	CA20022400776	20020828
MXPA02009167 A1	20030702	MX2002PA09167	20020919
US2003116674 AA	20030626	US20010036863	20011221
US6866220 BB	20050315	US20010036863	20011221

Probable Assignee:	KIMBERLY CLARK WORLDWIDE INC
Assignee(s):(std):	KIMBERLY CLARK CO
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC ; SOSALLA GERALD K ; CWIAKALA JOSEPH E
Inventor(s):(std):	SOSALLA GERALD K ; CWIAKALA JOSEPH E
International class (IPC 8–9):	B65H18/00 B65H18/22 B65H19/22 (Advanced/Invention); B65H18/14 B65H19/22 (Core/Invention)
International class (IPC 1–7):	A47K10/38 A47K10/42 B65H18/00 B65H18/14
CPC:	B65H18/22 B65H19/2253 B65H19/2276 B65H2301/5142 B65H2404/261 B65H2801/57
European class:	B65H18/22 B65H19/22B4 B65H19/22C L65H301/5142 L65H351/420 L65H404/261 L65H801/57
US class:	242/541.2 242/541.200P 242/541.3
Classification Explorer	
Cited documents:	WO9933623, WO9929958, WO9803713, WO0182986 A2, WO0140090 A2, US6444214 BA, US6248211 BA, US6228216 BA, US6140551 A, US6056229 A, US5958187 A,

US5913905 A, US5848756 A, US5839680 A, US5759339 A, US5690296 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5478027 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A, US5271575 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5089296 A, US5076424 A, US5049440 A, US4962897 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4790491 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A, US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4556454 A, US4533435 A, US4487377 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3668905 A, US3519214 A, US3315908 A, US3097968 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2200656 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A, JP6306793, JP5209395, JP2091300, JP10174670, EP0895956 A1, EP0641885 A1, EP0580561 A2, EP0256950 A1, EP0026091 B1, EP0026091 A1, EP0014520 B1, EP0014520 A1,

0) US2003113458A – METHOD FOR INCREASING ABSORPTION RATE OF AQUEOU...

21) Family number: 28666820 (US2003113458A) © PatBase

Title: METHOD FOR INCREASING ABSORPTION RATE OF AQUEOUS SOLUTION INTO A BASESHEET

Priority: US20010024999 20011218 WO2002US20216 20020625

Family:

Publication number	Publication date	Application number	Application date
AU2002312593 AA	20030630	AU20020312593	20020625
MXPA04005246 A1	20050419	MX2004PA05246	20020625
US2003113458 AA	20030619	US20010024999	20011218
WO03051246 A1	20030626	WO2002US20216	20020625

Probable Assignee: DEERE AND CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC

Assignee(s): DEERE AND CO

Inventor(s):(std)**:** ANTHONY MARK GAMBARO ; BRIAN JAMES GINGRAS ; CLAYTON TAYLOR GANN ; DANIEL HOO ; GAMBARO ANTHONY MARK ; GANN CLAYTON TAYLOR ; GINGRAS BRIAN JAMES ; HOO DANIEL ; JAMES MONROE PERKINS ; KRAUTKRAMER ROBERT EUGENE ; PERKINS JAMES MONROE ; ROBERT EUGENE KRAUTKRAMER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): D06B1/02 D06B1/14 D06B15/02 (Advanced/Invention); D06B1/00 D06B15/00 (Core/Invention)

International class (IPC 1–7): A61F13/00 B05C11/02 B05C5/00 B05D3/12 D06B1/02 D06B1/14 D06B15/02

CPC: D06B1/02 D06B1/148 D06B15/02

European class: D06B1/02 D06B1/14H D06B15/02

US class: 118/117 118/244 118/300 427/365

Classification Explorer

Cited documents: WO0182986 A2, US6444214 BA, US6248211 BA, US6228216 BA, US6140551 A, US6056229 A, US5958187 A, US5913905 A, US5874164 A, US5839680 A, US5763332 A, US5759339 A, US5690296 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5049440 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A, US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A,

0) US2002036208A – WIPES DISPENSING SYSTEM

22) Family number: 33531841 (US2002036208A) © PatBase

Title: WIPES DISPENSING SYSTEM

Priority: US20000545992 20000410 US20000545995 20000410 US20010849935 20010504 US20000659295 20000912 US20000565227 20000504

Family:

Publication number	Publication date	Application number	Application date
US2002036208 AA	20020328	US20010849935	20010504
US7011272 BB	20060314	US20010849935	20010504

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; KALMAN JEFFREY M ; KIMBERLY CLARK CO ; NEWMAN WILLIAM ROBERT ; ROMME STEVEN JOHN ; RIVERA LIGIA A ; VELAZQUEZ HERB F ; LARSON JENNIFER CAPPEL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** HUANG YUNG HSIANG ; VELAZQUEZ HERB F ; ROMME STEVEN JOHN ; RIVERA LIGIA A ; NEWMAN WILLIAM ROBERT ; LARSON JENNIFER CAPPEL ; KALMAN JEFFREY M ; FAULKS MICHAEL JOHN ; DELLERMAN PAIGE ANNETTE ; DEGREEN GERALD P ; BOCHMANN CHERRY A

International class (IPC 8–9): A47K10/32 A47K10/38 A47K10/42 B65D85/672 B65H16/00 B65H18/04 (Advanced/Invention); A47K10/24 B65D85/67 B65H16/00 B65H18/00 (Core/Invention)

International class (IPC 1–7): B65H1/00

CPC: A47K10/32 A47K10/426 A47K2010/3266 B65D85/672

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 221/46 242/598.6

Classification Explorer

Cited documents: WO9906311 A2, WO9901536 A1, WO9808763 A1, WO9724054, WO9621388 A1, WO9317933, WO0182763, WO0065975, WO0065974, WO0065973, WO0008998, WO0000071, USRE35976 E, USD429282 S1, USD422437 S1, USD421691 S1, USD417987 S1, USD417109 S1, USD416794 S1, USD412439 S1, USD397265 S1, USD387590 S1, USD386025 S1, USD381851 S1, USD377284 S1, USD362773 S1, USD347534 S1, USD342852 S1, USD342635 S1, USD329978 S1, USD311106 S1, USD303890 S1, US714963 A, US6158614 A, US6138939 A, US6121165 A, US6098836

A, US6092759 A, US6092758 A, US6092690 A, US6085899 A, US6082664 A, US6079603 A, US6070821 A, US6068118 A, US6059928 A, US6059882 A, US6056235 A, US6056233 A, US6047920 A, US6036134 A, US6024323 A, US6024217 A, US6024216 A, US6015125 A, US6010001 A, US6007019 A, US6000658 A, US6000538 A, US5992718 A, US5979821 A, US5971142 A, US5971138 A, US5967452 A, US5964351 A, US5958187 A, US5951762 A, US5950960 A, US5938013 A, US5924617 A, US5914177 A, US5904316 A, US5901921 A, US5897074 A, US5893531 A, US5887818 A, US5887759 A, US5875985 A, US5868347 A, US5868346 A, US5868345 A, US5868344 A, US5868335 A, US5868275 A, US5848762 A, US5765717 A, US5704566 A, US5704565 A, US5697577 A, US5697576 A, US5687875 A, US5672206 A, US5669576 A, US5667092 A, US5660636 A, US5660313 A, US5655661 A, US5653403 A, US5649676 A, US5642810 A, US5631317 A, US5630563 A, US5630526 A, US5624025 A, US5620148 A, US5618008 A, US5609269 A, US5605250 A, US5604992 A, US5598987 A, US5588615 A, US5560514 A, US5542568 A, US5540332 A, US5533621 A, US5526973 A, US5520308 A, US5509593 A, US5501323 A, US5495997 A, US5494250 A, US5480060 A, US5464170 A, US5464096 A, US5462197 A, US5456421 A, US5456420 A, US5449127 A, US5443084 A, US5439521 A, US5409181 A, US5400982 A, US5392945 A, US5384189 A, US5374008 A, US5370336 A, US5368157 A, US5335811 A, US5317063 A, US5312883 A, US5311986 A, US5310262 A, US5277375 A, US5255800 A, US5253818 A, US5228632 A, US5219092 A, US5207367 A, US5195689 A, US5193759 A, US5192044 A, US5172840 A, US5170958 A, US5154496 A, US5145091 A, US5141171 A, US5137173 A, US5104054 A, US5050737 A, US5049440 A, US5029787 A, US5012986 A, US5009313 A, US5000393 A, US4991538 A, US4989800 A, US4984530 A, US4978095 A, US4936452 A, US4913368 A, US4913365 A, US4890205 A, US4884690 A, US4883197 A, US4877133 A, US4860893 A, US4846412 A, US4836462 A, US4836368 A, US4834316 A, US4834306 A, US4830301 A, US4828193 A, US4826063 A, US4807823 A, US4790490 A, US4784290 A, US4775109 A, US4756485 A, US4735317 A, US4721264 A, US4690345 A, US4684075 A, US4667890 A, US4662577 A, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4274573 A, US4260117 A, US4244493 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A, US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US2440971 A, US1664392 A, GB990332, GB2357076 A1, GB1327954, GB1324818, EP1048257 A3, EP1048257 A2, EP1023863 A1, EP0608460 B1, EP0608460 A1, EP0501905 A1, EP0251103 A1, EP0122809 A1,

0) US2002184857A – PACKAGING AN ARTICLE WITH A PACKAGING SHEET INC...

23) Family number: 28303264 (US2002184857A) © PatBase

Title: PACKAGING AN ARTICLE WITH A PACKAGING SHEET INCLUDING A LONGITUDINAL FIN SEAL AND A TRANSVERSE TEAR STRIP

Priority: US20010877241 20010611

Family:

Publication number	Publication date	Application number	Application date
US2002184857 AA	20021212	US20010877241	20010611

Probable Assignee: KT HOLDINGS INC

Assignee(s):(std)**:** AMBORSKY ROBERT

Assignee(s): KT HOLDINGS INC ; O CONNOR LAWRENCE

Inventor(s):(std): AMBORSKY ROBERT ; O CONNOR LAWRENCE

International class (IPC 8–9): B65B61/18 B65B9/06 (Advanced/Invention); B65B61/18 B65B9/06 (Core/Invention)

International class (IPC 1–7): B65B61/18

CPC: B65B9/06 B65B61/182

European class: B65B61/18B B65B9/06

US class: 53/412

Classification Explorer

0) US6827309B – MOUNTING SYSTEM FOR A WET WIPES DISPENSER

24) Family number: 20787633 (US6827309B) © PatBase

Title: Mounting system for a wet wipes dispenser

Priority: US20000659307 20000912 WO2001US27698 20010907

Family:

Publication number	Publication date	Application number	Application date
AU2001287123 AA	20020326	AU20010287123	20010907
AU2001287123 BB	20070510	AU20010287123	20010907
AU200187123 A1	20020326	AU20010087123	20010907
AU200187123 A5	20020326	AU20010087123D	20010907
BRPI0113852 A	20060509	BR2001PI13852	20010907
BRPI0113852 B1	20111213	BR2001PI13852	20010907
EP1317203 A2	20030611	EP20010966624	20010907
KR20030032023 A	20030423	KR20037003549	20010907
MXPA03002148 A1	20030724	MX2003PA02148	20010907
US6827309 BA	20041207	US20000659307	20000912
WO0221989 A2	20020321	WO2001US27698	20010907
WO0221989 A3	20020620	WO2001US27698	20010907

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): KIMBERLY CLARK CO ; KIMBERLY CLARK WORDWIDE INC

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; HUANG YUNG HSIANG ; KALMAN JEFFREY M ; LANG FREDERICK J ; LARSON JENNIFER CAPPEL ; BOCHMANN CHERRY A ; LINDSAY JEFF ; PELUSO JOHN EUGENE ; RIVERA LIGIA A ; ROMME STEVEN JOHN ; SCHULTZ WALTER THEODORE ; STANCA NICK E ; VELAZQUEZ HERB F ; NEWMAN WILLIAM ROBERT

Inventor(s): NICK E STANCA ; PAIGE ANNETTE DELLERMAN ; WALTER THEODORE SCHULTZ ; WILLIAM ROBERT NEWMAN ; YUNG HSIANG HUANG ; STEVEN JOHN ROMME ; MICHAEL JOHN FAULKS ; CHERRY A BOCHMANN ; LIGIA A RIVERA ; JEFF LINDSAY ; JEFFREY M KALMAN ; JENNIFER CAPPEL LARSON ; JOHN EUGENE PELUSO ; FREDERICK J LANG ; GERALD P DEGREEN ; HERB F VELAZQUEZ

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/22 A47K10/38 (Advanced/Invention); A47K10/22 A47K10/32 (Advanced/Non–invention); A47K10/24 (Core/Invention)

International class (IPC 1–7):	A47K10/22 A47K10/38 B65H75/28
CPC:	A47K10/3827 A47K2010/3266
European class:	A47K10/38B2 K47K10/32W
US class:	242/580 242/594.1
Classification Explorer	
Cited documents:	WO9906311, WO9901536, WO9808763, WO9724054 A1, WO9621388, WO9317933, WO0008998, WO0000071, USRE35976, USD429282, USD422437, USD421691, USD417987, USD417109, USD416794, USD412439, USD397265, USD387590, USD386025, USD381851, USD377284, USD362773, USD347534, USD342852, USD342635, USD329978, USD311106, USD303890, US6158614, US6138939, US6121165, US6098836 A, US6092759, US6092758, US6092690, US6085899, US6082664, US6079603, US6070821, US6068118, US6059928, US6059882, US6056235, US6056233, US6047920, US6036134, US6024323, US6024217, US6024216, US6015125, US6010001, US6007019, US6000658, US6000538, US5992718, US5979821, US5971142, US5971138, US5967452, US5964351, US5958187, US5951762, US5950960, US5938013, US5924617, US5914177, US5904316, US5901921, US5897074 A, US5893531, US5887818, US5887759, US5875985, US5868347, US5868346, US5868345, US5868344, US5868335, US5868275, US5848762, US5765717, US5704566, US5704565, US5697577 A, US5697576, US5687875, US5672206, US5669576, US5667092, US5660636, US5660313, US5655661, US5653403, US5649676, US5642810, US5631317, US5630563, US5630526, US5624025, US5620148, US5618008, US5609269, US5605250, US5604992, US5598987, US5588615, US5560514, US5542568, US5540332, US5533621, US5526973, US5520308, US5509593, US5501323, US5495997, US5494250, US5480060, US5464170, US5464096, US5462197 A, US5456421, US5456420, US5449127, US5443084, US5439521 A, US5409181, US5400982, US5392945, US5384189, US5374008, US5370336, US5368157, US5335811, US5317063, US5312883, US5311986, US5310262, US5277375, US5255800, US5253818, US5228632, US5219092, US5207367, US5195689, US5193759, US5192044, US5172840, US5170958, US5154496, US5145091, US5141171, US5137173, US5104054, US5050737, US5049440, US5029787, US5012986, US5009313, US5000393, US4991538, US4989800, US4984530, US4978095, US4936452, US4913365, US4890205, US4884690, US4883197, US4877133, US4860893, US4846412, US4836462, US4836368, US4834316, US4830301, US4828193, US4826063, US4807823, US4790490, US4784290, US4775109 A, US4756485, US4735317 A, US4721264 A, US4690345 A, US4684075 A, US4667890 A, US4662577 A, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4274573 A, US4260117 A, US4244493 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A, US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US2440974 A, US1664392 A, GB990332, GB2357076 A1, GB1327954 A, GB1324818, EP1048257, EP1023863 A1, EP0608460, EP0501905, EP0251103, EP0122809,

0) US4508224A – CONTAINER FOR PHOTOGRAPHIC FILMS AND PRINTS

25) Family number: 2599063 (US4508224A) © PatBase

Title: Container for photographic films and prints

Priority: DE19772716011 19770409 DE19813130375 19810731 US19780885115 19780310

Family:

Publication number	Publication date	Application number	Application date
BE865409 A	19780929	BE19781008793	19780329
BE865409 A2	19780929	BE19781008793	19780329
CH626730 A	19811130	CH19780003593	19780404
CH657340 A	19860829	CH19820004340	19820716
DE2716011 A1	19781019	DE19772716011	19770409
DE2716011 C2	19880310	DE19772716011	19770409
DE3130375 A1	19830217	DE19813130375	19810731
IT1151679 A	19861224	IT19820022235	19820705
IT8222235 A0	19820705	IT19820022235	19820705
JP53127029 A2	19781106	JP19780038873	19780404
JP56000575 U1	19810106	JP19800079982U	19800610
JP57048619 Y2	19821025	JP19800079982U	19800610
JP58034451 A2	19830228	JP19820117901	19820708
US4508224 A	19850402	US19810306391	19810928

Probable Assignee: AGFA GEVARET AKTIENGESELLSCHAF

Assignee(s):(std)**:** AGFA GEVAERT AG ; AGFA GEVARET AKTIENGESELLSCHAF ; AGFA GEVAERT NV

Assignee(s): AGFA GEVARET AKTIENGESELLSCHAFT ; AGFA GEVAERT AKTIENGESELLSCHAFT ; AGFA GEVAERT N V ; AGFA GEVAERT AG 5090 LEVERKUSEN DE

Inventor(s):(std)**:** FUERUDEINANTO SHIYAANAA ; FURIIDORITSUHI FUIERU ; HUJER FRIEDRICH ; HUJER FRIEDRICH DIPL ING ; SCHANER FERDINAND ; SCHANER FERDINAND ING GRAD ; WEBER KLAUS ; WEBER KLAUS DIPL ING ; KURAUSU BUEEBAA ; FURIIDORITSUHI HIYUUEA

Inventor(s): WEBER KLAUS DIPL ING 8019 EBERSBERG DE ; SCHANER FERDINAND ING ; FERDINAND SCHANER ; FRIEDRICH HUJER ; HUJER FRIEDRICH DIPL ING 8022 GRUENWALD DE ; KLAUS WEBER

International class (IPC 8–9): B42F5/04 B65D27/08 G03D15/10 (Advanced/Invention)

International class (IPC 1–7): B42F5/00 B42F5/04 B42F7/06 B65D27/08 B65D27/10 B65D85/00 G03B27/62 G03D15/00 G03D15/10

CPC: B65D27/08 G03D15/005

European class: B65D27/08 G03D15/00B4

US class: 206/455 229/69 229/72

Classification Explorer

Cited documents: US4317538 A, US4065864 A, US3990625 A, US3900160 A, US3817445 A, US3764061 A, US3733770 A, US3620440 A, US3548526 A, US3414122 A, US3391855 A, US3348762 A, US3142437 A, US2956726 A, US2568941 A, JP52053684 A2, JP52021923 A2, JP45005121 Y1, JP37016716 Y1, JP34011111 Y1, GB1421906 A, GB1224339 A, GB1112100 A, GB1054210 A, GB1038621 A, GB1028246 A, FR1078540 A, DE2716012 A1, DE2716011 A1, DE2445829 A1, DE1536635 A1, DE1299215 A, DE1157920 B,

0) US2001001412A – METHOD OF MAKING DISPOSABLE ADHESIVE PROTECTIVE...

26) Family number: 28118852 (US2001001412A)

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Title: METHOD OF MAKING DISPOSABLE ADHESIVE PROTECTIVE GARMENT ON STRIP

Priority: US19990338911 19990623 US20010759626 20010112

Family:

Publication number	Publication date	Application number	Application date
US2001001412 AA	20010524	US20010759626	20010112
US6212683 BA	20010410	US19990338911	19990623

Probable Assignee: LIEBMANN BONNIE J

Assignee(s):(std)**:** LIEBMANN BONNIE J

Assignee(s): MITSUBISHI DENKI KK

Inventor(s):(std)**:** LIEBMANN BONNIE J

International class (IPC 8–9): A41B13/10 (Advanced/Invention); A41B13/00 (Core/Invention)

International class (IPC 1–7): A41B13/10 B32B31/00

CPC: Y10T156/1084 A41B13/10 A41B2400/52

European class: A41B13/10 K41B400/52

US class: 156/247 156/269 156/277 2/48 2/49.4 2/52

Classification Explorer

Cited documents: USD303175 S1, US6079048 A, US5930837 A, US5881382 A, US5661851 A, US5644793 A, US5491844 A, US4622698 A, US4423523 A, US4330888 A, US4306316 A, US4288877 A, US3299440 A, US3221341 A, FR2616046 A1,

0) US2016015225A – ABSORBENT SHEET PRODUCTS STRIP HAVING LIMITED L...

27) Family number: 61435829 (US2016015225A) © PatBase

Title: ABSORBENT SHEET PRODUCTS STRIP HAVING LIMITED LIQUID STRIKE–THROUGH PROPERTY

Priority: EP20140002485 20140717

Family:

Publication number	Publication date	Application number	Application date
CN105266701 A	20160127	CN201510418784	20150716
EP2975177 A1	20160120	EP20140002485	20140717
US2016015225 AA	20160121	US20150801992	20150717

Probable Assignee: SCA TISSUE FRANCE

Assignee(s):(std)**:** SCA TISSUE FRANCE

Inventor(s):(std)**:** BARREDO DONALD ; JEANNOT SEBASTIEN ; LE GALL THOMAS ; PLEYBER EMILIE

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): A47K10/16 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/002 D21H27/02 A47K10/16

US class: 134/6 15/209.1

Classification Explorer

Cited documents: WO13184909 A1, WO06092817 A1, US8383223 BB, US4481243 A, US2012088076 AA, US2012034430 AA, US2010297378 AA, US2008199660 AA, US2007084099 AA, US2007044928 AA, EP1527898 A1,

0) ES1013746Y – ESTUCHE DISPENSADOR PARA PAPELES DE ENVOLTURA O...

28) Family number: 17243369 (ES1013746Y) © PatBase

Title: ESTUCHE DISPENSADOR PARA PAPELES DE ENVOLTURA O SIMILARES.

Priority: ES19900001129U 19900404

Family:

Publication number	Publication date	Application number	Application date
ES1013746 UA	19910116	ES19900001129U	19900404
ES1013746 Y1	19910616	ES19900001129U	19900404
ES1013746 YA	19910616	ES19900001129U	19900404

Probable Assignee: FEDEA INDUSTRIA AUXILIAR DEL ENVASE SA

Assignee(s): FEDEA INDUSTRIA AUXILIAR DEL ENVASE S A ; FEDEA INDUSTRIA AUXILIAR DEL ENVASE SA

Inventor(s):(std)**:** MAS VIDAL ISIDRO

International class (IPC 8–9)**:** B65D5/26 B65H16/02 (Advanced/Invention); B65D5/20 B65H16/00 (Core/Invention)

International class (IPC 1–7)**:** B65D5/26 B65H16/02

Classification Explorer

0) WO0112744A1 – TAPE HAVING FINGER–TEARING FEATURE RUBAN A STR...

29) Family number: 15296048 (WO0112744A1) © PatBase

Title: TAPE HAVING FINGER–TEARING FEATURE

Priority: US19990373314 19990812

Family:

Publication number	Publication date	Application number	Application date
WO0112744 A1	20010222	WO2000US22120	20000814

Probable Assignee: SEKISUI TA IND INC

Assignee(s):(std)**:** SEKISUI TA IND INC

Assignee(s): SEKISUI TA INDUSTRIES INC

Inventor(s):(std)**:** HSU TONG CHEE ; TANG TRONG HAI

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE

International class (IPC 8–9)**:** C09J7/02 (Advanced/Invention)

International class (IPC 1–7)**:** C09J7/02

CPC: C09J7/026 C09J2201/20

European class: C09J7/02K9 M09J201/20

Classification Explorer

Cited documents: US5366775 A, US3143208 A, US2399545 A, US2308693 A,

0) US2009289326A – SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING ...

30) Family number: 44045531 (US2009289326A) © PatBase

Title: SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME

Priority:

KR20080047082	20080521	US20080040637	20080229	US20080318504	20081230
US20110240983	20110922	US20110330254	20111219	US20110216298	20110824
US20140174182	20140206	US20120240983	20120315	US20160246576	20160825
US20120420983	20120315				

Family:

Publication number	Publication date	Application number	Application date
CN101587892 A	20091125	CN200910007226	20090213
KR100977716 B1	20100824	KR20080047082	20080521
KR20090121003 A	20091125	KR20080047082	20080521
US2009289326 AA	20091126	US20080318504	20081230
US2012007219 AA	20120112	US20110240983	20110922
US2012094462 AA	20120419	US20110330254	20111219
US2014147637 AA	20140529	US20140174182	20140206
US2016362844 AA	20161215	US20160246576	20160825
US8053326 BB	20111108	US20080318504	20081230
US9463605 BB	20161011	US20140174182	20140206

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** HYNIX SEMICONDUCTOR INC ; PARK JONG BUM ; PARK JONG KOOK ; PROCTER AND GAMBLE ; SONG HAN SANG ; SK HYNIX SEMICONDUCTOR INC

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s):(std)**:** SONG HAN SANG ; SANDS KATHLEEN DIANE ; POWERS ROBERT LENORD ; PARK JONG KOOK ; PARK JONG BUM ; MANIFOLD JOHN ALLEN ; KNOBLOCH THORSTEN ; EKENGA CHARLES CHIDOZIE ; DONNER CHRISTOPHER GERALD ; BARKEY DOUGLAS JAY

International class (IPC 8–9)**:** B32B29/02 B32B3/28 B32B3/30 B32B5/26 D21H11/04 D21H27/00 D21H27/02 D21H27/30 D21H27/40 H01L21/02 H01L21/20 H01L21/28 H01L21/768 H01L27/04 H01L27/108 H01L29/41 H01L29/92 (Advanced/Invention);
H01L27/108 (Advanced/Non–invention);
H01L21/02 H01L27/108 H01L29/66 (Core/Invention)

CPC: H01L21/7687 H01L27/10855 H01L28/90 B32B3/28 B32B5/26 D21H27/00 D21H27/002 D21H27/30 Y10T428/24124 Y10T428/24612 Y10T428/24802 Y10T428/253 D21H27/005 B32B29/02 D21H27/02 D21H27/40 D21H11/04 B32B2555/00 B32B2262/062 B32B3/30

European class: H01L21/768C3K H01L27/108M4B2C H01L28/90

US class: 1/1 257/532 257/532P 257/621 257/621P 257/E21.008 257/E21.008S 257/E21.158 257/E21.158S 257/E29.112 257/E29.112S 257/E29.343 257/E29.343S 428/167 428/172 438/381 438/381P 438/396 438/396S 438/397 438/675 438/675S

Classification Explorer

Cited documents: WO9844194 A1, WO9717494 A1, WO9633310 A1, WO07070124 A1, WO07001576 A1, WO06060814 A2, WO05080683 A2, WO05068720 A1, WO05021868 A1, WO0039394 A1, US8545976 BB, US8507083 BB, US8491995 BB, US8449976 BB, US8383235 BB, US8334050 BB, US8334049 BB, US8178196 BB, US8053326 BB, US8034463 BB, US8025966 BB, US7989058 BB, US7960020 BB, US7939168 BB, US7811665 BB, US7807022 BB, US7704601 BB, US7687140 BB, US7588660 BB, US7494563 BB, US7419569 BB, US6821385 BB, US6802937 BB, US6797114 BB, US6790314 BB, US6787000 BB, US6749719 BB, US6746570 BB, US6706152 BB, US6673202 BB, US6458447 BA, US6239022 BA, US6165319 A, US6017418 A, US5885265 A, US5804281 A, US5628876 A, US5518801 A, US4326002 A, US4072150 A, US3974025 A, US3953638 A, US3798120 A, US3737368 A, US2295260 A, US2014000826 AA, US2013292073 AA, US2013288009 AA, US2013248129 AA, US2013071624 AA, US2012216974 AA, US2012183750 AA, US2012107568 AA, US2011189451 AA, US2011027563 AA, US2010294446 AA, US2010136294 AA, US2009220769 AA,

US2009220741 AA, US2008260996 AA, US2008087395 AA, US2008041543 AA, US2008029235 AA, US2008012058 AA, US2008008865 AA, US2007232178 AA, US2007224419 AA, US2007181929 AA, US2007170486 AA, US2007015362 AA, US2007007656 AA, US2006088697 AA, US2005178513 AA, US2005067126 AA, US2005045293 AA, US2005020066 AA, US2004261639 AA, US2004258887 AA, US2004256066 AA, US2004250969 AA, US2004238135 AA, US2004231812 AA, US2004221975 AA, US2004112783 AA, US2004099387 AA, US2004023003 AA, US2003220039 AA, US2003138597 AA, US2002140018 AA, KR20070023934 A, KR20060031991 A, KR1020070023934, KR1020060031991, KR100714899 B1, KR100418580 B1, GB2319539 A1, EP1876291 A2, EP1505207 A2, EP0677612 A2,

0) EP2363300A1 – PROTECTOR FOR PALETTE KNIVES SCHUTZ FUER PALET...

31) Family number: 49548522 (EP2363300A1) © PatBase

Title: Protector for palette knives

Priority: EP20100382049 20100302

Family:

Publication number	Publication date	Application number	Application date
EP2363300 A1	20110907	EP20100382049	20100302

Probable Assignee: IBERDYC S L

Assignee(s):(std)**:** IBERDYC S L

Inventor(s):(std)**:** NOVELLA ROSA ANGEL ; SALINAS CHIA SERGIO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): B44D3/00 E04F21/06 (Advanced/Invention)

CPC: B26B29/02 B44D3/00

European class: B26B29/02 B44D3/00

Classification Explorer

Cited documents: WO9840132 A1, GB2453574 A1, DE4432355 A1, DE29909910 U1,

- **search:** SS2 TAC=(paper or sheet material or material) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet)) (Results 159)
- List: SS2 1–50 (TAC=(paper or sheet material or material) and FT=(((tear or detachment or perforation+) W2 line) and (basesheet or base sheet))) (Results 159)

0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

1) Family number: 34576949 (US2007137808A) © PatBase

Title: TREATED TISSUE PRODUCTS HAVING INCREASED STRENGTH

Priority:

AU20060329940	20061214	AU20070330424	20071026	EP20070849146	20071115
EP20060838820	20061130	EP20060845462	20061214	EP20080770593	20080610
US20070597789	20070621	US20050304063	20051215	US20050303002	20051215
US20050304490	20051215	US20050303036	20051215	US20050304998	20051215
US20060635385	20061207	EP20080770633	20080611	US20070763278	20070614
US20070763262	20070614	US20070763283	20070614	US20070818505	20070614
US20070818529	20070614	US20070818504	20070614	US20070818512	20070614
US20070818513	20070614	US20070763272	20070614	WO2006US46062	20061130
WO2006US47785	20061214	WO2006US38991	20061004	WO2007IB54367	20071026
WO2007IB54405	20071030	WO2007IB54404	20071030	US20110017807	20110131
WO2007US14475	20070621	WO2007IB54651	20071114	WO2007IB54652	20071115
WO2008US66471	20080611	WO2008US66463	20080611	WO2008US66427	20080610
WO2008US66474	20080611				

Family:

Publication number	Publication date	Application number	Application date
AR058360 AA	20080130	AR2006P105555	20061215
AR059396 AA	20080409	AR2006P105487	20061213
AR059397 AA	20080409	AR2006P105488	20061213
AR063969 AA	20090304	AR2007P105235	20071126
AR064145 AA	20090318	AR2007P105438	20071205
AR064146 AA	20090318	AR2007P105439	20071205
AR064195 AA	20090318	AR2007P105495	20071207
AR064196 AA	20090318	AR2007P105496	20071207
AU2006329940 AA	20070705	AU20060329940	20061214
AU2006329940 BB	20110811	AU20060329940	20061214
AU2006333395 AA	20070712	AU20060333395	20061130
AU2006333395 BB	20110224	AU20060333395	20061130
AU2007330424 AA	20080612	AU20070330424	20071026
AU2007330424 BB	20120726	AU20070330424	20071026
AU2007330430 AA	20080612	AU20070330430	20071114
AU2007330430 BB	20110414	AU20070330430	20071114
AU2007330431 AA	20080612	AU20070330431	20071115
AU2007330431 BB	20120607	AU20070330431	20071115
BRPI0619239 A2	20110920	BR2006PI19239	20061004
BRPI0619372 A2	20110927	BR2006PI19372	20061130
BRPI0619372 B1	20161227	BR2006PI19372	20061130
BRPI0619850 A2	20111025	BR2006PI19850	20061214
BRPI0719930 A2	20140311	BR2007PI19930	20071030
BRPI0720069 A2	20141014	BR2007PI20069	20071114
BRPI0720071 A2	20141202	BR2007PI20071	20071026
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CA2631249 AA	20080527	CA20062631249	20061214
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CA2669595 C	20150203	CA20072669595	20071115
CA2670281 AA	20090521	CA20072670281	20071114
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CN101331272 A	20081224	CN200680046883	20061130	
CN101331272 B	20120404	CN200680046883	20061130	
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CN101568688 A	20091028	CN200780045396	20071030	
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CN101600788 A	20091209	CN200780045327	20071030	
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DE602006033275 D1	20130110	DE200660033275T	20061214	
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DE602008023048 D1	20130508	DE200860023048T	20080611	
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EP2102413 A2	20090923	EP20070849146	20071115	
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EP2158360 A1	20100303	EP20080770630	20080611	
EP2158361 A2	20100303	EP20080770622	20080611	
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ES2397935 T3	20130312	ES20060845462T	20061214	
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ES2545689 T3	20150915	ES20070849146T	20071115	
ES2565678 T3	20160406	ES20060838820T	20061130	
IN02971CN2008 A	20090306	IN2008CN02971	20080613	
IN02983CN2008 A	20090306	IN2008CN02983	20080613	

IN02989CN2008 A	20090306	IN2008CN02989	20080613	
IN03170CN2009 A	20160831	IN2009CN03170	20090605	
IN03175CN2009 A	20160831	IN2009CN03175	20090605	
JP2010511806 T2	20100415	JP20090539842T	20071114	
JP2010511807 T2	20100415	JP20090539843T	20071115	
JP5260541 B2	20130814	JP20090539843T	20071115	
JP5302206 B2	20131002	JP20090539842T	20071114	
KR101340717 B1	20131212	KR20087014207	20061130	
KR101403239 B1	20140619	KR20087014244	20061214	
KR101434852 B1	20140829	KR20097011737	20071115	
KR101444668 B1	20141002	KR20097011351	20071114	
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KR20080083116 A	20080916	KR20087014207	20061130	
KR20080083118 A	20080916	KR20087014244	20061214	
KR20090095579 A	20090909	KR20097011351	20071114	
KR20090095585 A	20090909	KR20097011736	20071026	
KR20090095586 A	20090909	KR20097011737	20071115	
MX2009004687 A1	20090515	MX20090004687	20071114	
MX2009005102 A1	20090527	MX20090005102	20071115	
MX2009005685 A1	20090608	MX20090005685	20071030	
MX2009005686 A1	20090608	MX20090005686	20071026	
MX2009005689 A1	20090608	MX20090005689	20071030	
PE10672008 A1	20080806	PE20070001728	20071206	
PE10682008 A1	20080806	PE20070001729	20071206	
PE10702008 A1	20080917	PE20070001731	20071206	
PE10712008 A1	20080806	PE20070001732	20071206	
PE12192008 A1	20080904	PE20070001738	20071206	
RU2008128307 A	20100120	RU20080128307	20061004	
RU2008128309 A	20100120	RU20080128309	20061214	
RU2008128310 A	20100120	RU20080128310	20061130	
RU2009125634 A	20110120	RU20090125634	20071115	
RU2009125635 A	20110120	RU20090125635	20071114	
RU2409303 C2	20110120	RU20080128309	20061214	
RU2409303 C9	20110510	RU20080128309	20061214	
RU2409720 C2	20110120	RU20080128310	20061130	
RU2430709 C2	20111010	RU20090125635	20071114	
RU2458979 C2	20120820	RU20090125634	20071115	
SA2708 B1	20110720	SA20070280671	20071205	
SA3007 B1	20121103	SA20070280673	20071205	
TH103351 A	20100825	TH20071005896	20071120	
TH110879 A	20111121	TH20071005895	20071120	
TH91559 A	20080930	TH20061006118	20061207	
TH93161 A	20090130	TH20061006292	20061215	
TH98602 A	20091012	TH20071005971	20071123	
TH98603 A	20091012	TH20071005972	20071123	
TW200736465 A	20071001	TW20060145571	20061207	
TW200738935 A	20071016	TW20060147236	20061215	
TW200839059 A	20081001	TW20070145561	20071130	
TW200846519 A	20081201	TW20070144404	20071123	
TW200907142 A	20090216	TW20080122161	20080613	

TW200909218 A	20090301	TW20080122163	20080613	
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TW200912093 A	20090316	TW20080122149	20080613	
TW200914685 A	20090401	TW20070144403	20071123	
TW200914688 A	20090401	TW20070145558	20071130	
TW200927916 A	20090701	TW20070144405	20071123	
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TWI447283 B	20140801	TW20080122149	20080613	
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TWI448604 B	20140811	TW20070145558	20071130	
TWI454383 B	20141001	TW20080122165	20080613	
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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):(std)**:** BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH

PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention); C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

2) Family number: 14416980 (US5538778A) © PatBase

Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

Priority:

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FI961088 A	19960308	FI19960001088	19960308
FI961088 A0	19960308	FI19960001088	19960308
HK1026175 A1	20070817	HK20000104599	20000725
HU68990 A2	19950828	HU19940002503	19930316
HU9402503 A0	19941128	HU19940002503	19930316
HU9600584 A0	19960528	HU19960000584	19940912
JP2759846 B2	19980528	JP19930516663	19930316
JP3420770 B2	20030630	JP19950508814T	19940912
JP7502718 T2	19950323	JP19930516663T	19930316
JP9502410 T2	19970311	JP19950508814T	19940912
KR19957000824 A	19950220	KR19947003245	19930316
KR19960704782 A	19961009	KR19960701227	19960311
KR19967004782 A	19961009	KR19967001227	19940912
NO960968 A	19960502	NO19960000968	19960308
NO960968 A0	19960308	NO19960000968	19960308
PL313490 A1	19960708	PL19940313490	19940912
PT978372 T	20070430	PT19990115817T	19940912
TW307713 B	19970611	TW19940109947	19941028
US5538778 A	19960723	US19930119472	19930910
US5667871 A	19970916	US19930157277	19931126
US5688578 A	19971118	US19950385336	19950208
WO9318911 A1	19930930	WO1993US02369	19930316
WO9507225 A2	19950316	WO1994US10209	19940912
WO9507225 A3	19950406	WO1994US10209	19940912
WO9624540 A1	19960815	WO1996US01743	19960208
ZA9406968 A	19950508	ZA19940006968	19940909
ZA9600892 A	19961009	ZA19960000892	19960205

Probable Assignee: LIBEROPAX LLC

Assignee(s):(std)**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN US ; GEAMI LTD

Inventor(s):(std)**:** JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES

Inventor(s): DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C

HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

International class (IPC 8–9): B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)

International class (IPC 1–7): B21D31/04 B21D5/00 B21H B31C1/00 B31D3/04 B31D5/00 B32B29/00 B32B3/12 B32B3/24 B65B B65B11/00 B65B11/00 B65B25/14 B65B63/04 B65D65/30 B65D81/02 B65D81/02 B65D81/03 B65D81/09 B65D81/14 B65D85/30 B65G81/14

CPC: B31D2205/0023 Y10S206/814 Y10S428/906 Y10S493/967 Y10T29/18 Y10T29/185 Y10T428/1303 Y10T428/24306 Y10T428/24314 Y10T428/24322 Y10T428/2457 Y10T428/24612 Y10T428/24694 Y10T428/24711 Y10T428/24752 Y10T428/24777 Y10T428/24793 B31D5/0069 B21D31/04 B31D3/002 B65D81/03 B31D3/04 B31D5/0065 B65D81/05 Y10T428/24942 Y10T428/24967 Y10T428/268 Y10T428/31993 B31D2205/0047 B31D5/006 B31C5/00 B31D2205/007 B65D81/09

European class: B21D31/04 B31C5/00 B31D3/00B B31D3/04 B31D5/00C2 B31D5/00C3 B31D5/00C5 B65D81/03 B65D81/05 B65D81/09 L31D205/00C20B2 L31D205/00C20M

US class: 206/521 206/584 206/585 206/586 206/594 206/814 229/87.02 29/6.1 29/6.2 428/135 428/136 428/137 428/167 428/172 428/182 428/184 428/189 428/192 428/194 428/212 428/215 428/220 428/338 428/34.2 428/537.5 428/903.3 428/906 493/967 53/435 53/450

Classification Explorer

Cited documents: WO9601731 A1, WO9318911 A1, US5439730 A, US5431985 A, US5403259 A, US5340638 A, US5275677 A, US5213867 A, US5207756 A, US5203761 A, US5181614 A, US5151312 A, US5001017 A, US4949528 A, US4937131 A, US4921118 A, US4856655 A, US4832228 A, US4265956 A, US4105724 A, US4089090 A, US3825465 A, US3807868 A, US3799039 A, US3762629 A, US3758372 A, US3668055 A, US3660958 A, US3655501 A, US3655500 A, US3642967 A, US3607602 A, US3603369 A, US3550842 A, US3544419 A, US3486681 A, US3454455 A, US3431613 A, US3407987 A, US3306513 A, US3288353 A, US3109579 A, US3074543 A, US3065785 A, US3040968 A, US2656291 A, US265291, US2553923 A, US2382400 A, US2345844 A, US2319225 A, US2203084 A, US2025179 A, US1996402 A, US1940596 A, US1470200 A, US1205299 A, US1199508 A, US1065639 A, JPS53103070, JP57148649 A2, JP53103070 A2, GB793015 A, GB777576 A, GB1305829 A, GB1131687 A, FR2170234 A1, FR2115107 A1, FR2033605 A5, FR1218604 A, EP0377397 A2, DE225968 A, DE2158539 A1, CH619416,

0) WO9532491A1 – SHEET STOCK MATERIAL PROVIDING REUSABLE SHEET S...

3) Family number: 19065568 (WO9532491A1) © PatBase

Title: SHEET STOCK MATERIAL PROVIDING REUSABLE SHEET STOCK MATERIAL

Priority: KR19940007308 19940407 KR19940007560 19940411 WO1995KR00060 19950520 KR19940011060 19940520 KR19950008109 19950407

Family:

Publication number	Publication date	Application number	Application date
AU199525773 A1	19951218	AU19950025773	19950520
KR19950028932 A	19951122	KR19950008109	19950407
WO9532491 A1	19951130	WO1995KR00060	19950520

Probable Assignee: CHO MYONG HO

Assignee(s):(std): CHO MYONG HO ; MYONG HO CHO

Inventor(s):(std): CHO MYONG HO

Inventor(s): MYONG HO CHO

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KZ LK LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA UG US UZ VN

International class (IPC 8–9): B42D5/02 G09F3/02 (Advanced/Invention); B42D5/00 G09F3/02 (Core/Invention)

International class (IPC 1–7): B42D15/00 B65D27/06 G09F23/00 G09F3/00

CPC: B42D5/02 G09F3/0288

European class: B42D5/02 G09F3/02C

Classification Explorer

Cited documents: US5289972 A, US5201464 A, US5016373 A, US4715531 A,

0) US2016345761A – PARTITIONABLE PAPER PRODUCT

4) Family number: 64162734 (US2016345761A) © PatBase

Title: PARTITIONABLE PAPER PRODUCT

Priority: US20150166488P 20150526 US20160162053 20160523 US20160162161 20160523 WO2016US33918 20160524

Family:

Publication number	Publication date	Application number	Application date
AU2016268243 AA	20161201	AU20160268243	20160524
CA2981337 AA	20170928	CA20162981337	20160524
TW201704592 A	20170201	TW20160116299	20160525
US2016345761 AA	20161201	US20160162161	20160523
US2016345786 AA	20161201	US20160162053	20160523
WO16191420 A1	20161201	WO2016US33918	20160524

Probable Assignee: GPCP IP HOLDINGS LLC

Assignee(s):(std): GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GPCP IP HOLDINGS LLC

Assignee(s): HOADLEY DAVID A ; OLSON STEVEN R ; DAUL THOMAS J

Inventor(s):(std): DAUL THOMAS A ; DAUL THOMAS J ; HOADLEY DAVID A ; OLSON STEVEN R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47G11/00 A47K10/16 B31F1/07 B32B29/06 D21F11/00 D21H15/04 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/28 (Advanced/Invention)

CPC: A47G11/001 A47K10/16 D21H27/002 B31F1/07 B32B29/06 D21H25/005 D21H27/02 B32B29/00 B32B29/002 B65H18/28 B65H2301/5126 B65H2301/5152 B65H2701/1924 B32B2432/00

US class: 428/43

Classification Explorer

Cited documents: US9259848 BB, US8763526 BB, US8763523 BB, US8757058 BB, US8535483 BB, US8468938 BB, US8443725 BB, US8287977 BB, US8287976 BB, US8283013 BB, US8268429 BB, US2016345786 AA, US2016345761 AA, US2014370224 AA,

US2014345815 AA, US2013193249 AA, US2013193248 AA, US2011311751 AA, US2011311750 AA, US2011311749 AA, US2011311748 AA, US2011309544 AA, US2011308754 AA, US2011308406 AA, US2011308405 AA, US2011308372 AA, US2011308370 AA, US2011308366 AA, US2011308363 AA, CA873735 A,

0) US2017037579A – A SHEET OF ABSORBENT MATERIAL, ROLL, LOG AND ME...

5) Family number: 60590844 (US2017037579A) © PatBase

Title: A SHEET OF ABSORBENT MATERIAL, ROLL, LOG AND METHOD FOR MANUFACTURING THE SAME

Priority: WO2014IB01032 20140410

Family:

Publication number	Publication date	Application number	Application date
AU2014390217 AA	20151015	AU20140390217	20140410
AU2014390217 BB	20170216	AU20140390217	20140410
CN106471187 A	20170301	CN201480077911	20140410
CO20160002790 A2	20170130	CO20160002790	20161007
EP3129551 A1	20170215	EP20140747978	20140410
MX2016013219 A1	20170802	MX20160013219	20140410
US2017037579 AA	20170209	US20140303110	20140410
WO15155563 A1	20151015	WO2014IB01032	20140410

Probable Assignee: SCA TISSUE FRANCE

Assignee(s):(std)**:** SCA TISSUE FRANCE

Inventor(s):(std)**:** BARREDO DONALD ; CATTACIN GILLES ; DENIS GENET ; DONALD BARREDO ; GENET DENIS ; GILLES CATTACIN ; JULIEN MARIETTA TONDIN ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; PIERRE LAURENT ; REMY RUPPEL ; RENE SIGWALT ; RUPPEL REMY ; SIGWALT RENE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B26F1/00 B65H35/04 B65H35/08 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: B65H2301/41484 B65H2301/5152 B65H2301/515323 B65H2301/515326 B65H2701/1924 D21H27/005 D21H27/002 A47K10/16 B65H35/08 D21H27/02 B26F1/20

US class: 162/114

Classification Explorer

Cited documents: US6010090 A, US4551374 A, US2053786 A, US2012237711 AA, US2009155512 AA,

0) US2002195764A – STACK OF FAN FOLDED MATERIAL AND COMBINATIONS T...

6) Family number: 28270105 (US2002195764A) © PatBase

Title: STACK OF FAN FOLDED MATERIAL AND COMBINATIONS THEREOF

Priority:

AU20020312158	20020531	AU20070202525	20070601	US20030436731	20030512
US20010871020	20010531	US20010871019	20010531	US20020161166	20020530
WO2002US16996	20020531	WO2002US16996	20031128		

Family:

Publication number	Publication date	Application number	Application date
AU2002312158 AA	20021209	AU20020312158	20020531
AU2002312158 BB	20070419	AU20020312158	20020531
AU2007202525 AA	20070621	AU20070202525	20070601
AU2007202525 BB	20091022	AU20070202525	20070601
BRPI0209769 A	20040727	BR2002PI09769	20020531
BRPI0209769 B1	20130430	BR2002PI09769	20020531
CA2446661 AA	20031107	CA20022446661	20020531
CA2446661 C	20100824	CA20022446661	20020531
CL2002001125 A1	20030606	CL20020001125	20020528
DE60223534 D1	20071227	DE20026023534	20020531
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EP1395157 A1	20040310	EP20020739514	20020531
EP1395157 B1	20071114	EP20020739514	20020531
KR100866673 B1	20081104	KR20037015558	20020531
KR20040058114 A	20040703	KR20037015558	20020531
MXPA03010313 A1	20040217	MX2003PA10313	20020531
TH60006 A	20031219	TH20021001782	20020516
TWI250865 B	20060311	TW20020111236	20020528
US2002195764 AA	20021226	US20010871019	20010531
US2003010789 AA	20030116	US20010871020	20010531
US2003022781 AA	20030130	US20020161166	20020530
US2003192902 AA	20031016	US20030436731	20030512
US6612462 BB	20030902	US20010871020	20010531
US6749083 BB	20040615	US20030436731	20030512
US6905748 BB	20050614	US20010871019	20010531
US7081080 BB	20060725	US20020161166	20020530
WO02096255 A1	20021205	WO2002US16996	20020531

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; SOSALLA GERALD KEITH

Assignee(s): KUO ANDREW ; KIMBERLY CLARK WORLDWIDE INC ; KIMERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; AMUNDSON JOHN DAVID ; HUANG YUNG HSAING ; HUANG YUNG HSIANG

Inventor(s):(std)**:** HUANG YUNG HSAING ; HUANG YUNG HSIANG ; JOHN DAVID AMUNDSON ; KUO ANDREW ; AMUNDSON JOHN DAVID ; SOSALLA GERALD KEITH

Inventor(s): YUNG HSIANG HUANG ; ANDREW KUO ; GERALD KEITH SOSALLA ; SOSALLA GERALD ; AMUNDSON JOHN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): A47K1/00 A47K10/16 A47K10/42 A47K10/44 B31D1/04 B31D5/04 B65B63/04 B65H37/04 B65H39/16 B65H45/101 B65H45/22 B65H45/28 (Advanced/Invention); A47K10/32 A47K10/42 (Advanced/Non–invention); A47K10/00 A47K10/24 B31D1/00 B31D5/00 B65H37/04 B65H39/00 B65H45/00 B65H45/12 B65H45/28 (Core/Invention)

International class (IPC 1–7): A47K1/00 A47K10/16 A47K10/24 A47K10/42 A47K10/44 B31D1/04 B31D5/04 B31F1/20 B32B3/10 B41L43/04 B65H1/00 B65H45/101

CPC: Y10T428/15 Y10T428/2419 A47K2010/3266 A47K2010/428 B65H37/04 B65H39/16 B65H45/22 B65H45/28 A47K10/42

European class: A47K10/42 B65H37/04 B65H39/16 B65H45/22 B65H45/28 K47K10/32W K47K10/42F

US class: 15/104.93 15/208 15/209 15/209.1 206/449 221/45 221/48 221/48P 270/41 270/41P 428/121 428/43 493/222 493/228 493/240 493/396 493/421 493/463 493/463P

Classification Explorer

Cited documents: WO9955599 A1, WO9955599, WO9924551 A1, WO02058524 A2, WO02053365, WO0174687 A1, WO0065972 A1, WO0044270 A1, WO0044270, USRE12204 E, USD414637 S1, USD414637, USD395952 S1, USD395952, US6991840 BB, US6991840 BA, US6905748 BB, US6905748 BA, US6612462 BB, US6604651 BB, US6592004 BB, US6585131 BB, US6550633 BB, US6523690 BA, US6523290, US6286712 BA, US6182858 BA, US6182858, US6152322 A, US6152322, US6082663 A, US6082663, US6053357 A, US6053357, US5908138 A, US5908138, US5810200 A, US5810200, US5785179 A, US5785179, US5729955 A, US5729955, US5704471 A, US5704471, US5647506 A, US5647506, US5642835 A, US5605731 A, US5542568 A, US5542567 A, US5520308 A, US5516001 A, US5497903 A, US5379897 A, US5358140 A, US5350597 A, US5332118 A, US5316177 A, US5225649 A, US5167346 A, US5165570 A, US5158205 A, US5152121 A, US5118554 A, US5080255 A, US5080254 A, US5076424 A, US5069735 A, US5067628 A, US5050909 A, US5033620 A, US4993590 A, US4986440 A, US4952432 A, US4927064 A, US4921127 A, US4895746 A, US4888229 A, US4863064 A, US4859518 A, US4854984 A, US4848575 A, US4786810 A, US4784290 A, US4781306 A, US4780306 A, US4776649 A, US4768810 A, US4721295 A, US4700939 A, US4681240 A, US4674634 A, US4653666 A, US4623074 A, US4611728 A, US4574952 A, US4570518 A, US4534491 A, US4458810 A, US4416392 A, US4337876 A, US4328907 A, US4328655 A, US4289262 A, US4262816 A, US4244493 A, US4219129 A, US4200200 A, US4180160 A, US4133457 A, US4100324 A, US4064880 A, US4017002 A, US4009682 A, US4004687 A, US4002264 A, US3994417 A, US3979019 A, US3973695 A, US3881632 A, US3868052 A, US3843017 A, US3836044 A, US3803798 A, US3795355 A, US3780908 A, US3749296 A, US3700138 A, US3679095 A, US3679094 A, US3576243 A, US3518810 A, US3490645 A, US3401928 A, US3369699 A, US3307844 A, US3291479 A, US3286435 A, US3266666 A, US3239097 A, US3199861 A, US3172563 A, US3161336 A, US3160337 A, US3095991 A, US3021002 A, US3007605 A, US2890791 A, US2823089 A, US2809082 A, US2761677 A, US2642279 A, US2626145 A, US2529853 A, US2323395 A, US2118380 A, US2004614 A, US2003192902 AA, US2003022781 AA, US2003010789 AA, US2002195764 AA, US2002179626 AA, US2002127937 AA, US2002096534 AA, KR960006862 A, KR20010112777 A, KR20010012777, KR20000064412 A, KR20000064386 A, KR19990022361 A, KR19960006862, GB793745, GB793745, EP1023863 A1, EP1023863, EP0744357 A1, EP0744357, EP0659972, EP0644130 B1, EP0644130, EP0644130, EP0331027 B1, EP0331027, EP0331027, EP0223262 A2, EP0223262, EP0068722 B1, EP0068722, EP0068722, CA996515, CA996515,

0) US2009026750A – METHOD OF CREATING BOOKLET COVER AND BOOKLET CO...

7) Family number: 33514662 (US2009026750A) © PatBase

Title: METHOD OF CREATING BOOKLET COVER AND BOOKLET COVER KIT

Priority: JP20050109904 20050406 WO2006JP07075 20060404 WO2006JP307075 20060404

Family:

Publication number	Publication date	Application number	Application date
CN100484773 C	20090506	CN200680010630	20060404
CN101151166 A	20080326	CN200680010630	20060404
EP1876030 A1	20080109	EP20060731023	20060404
EP1876030 A4	20110824	EP20060731023	20060404
IN04099KN2007 A	20080404	IN2007KN04099	20071025
JP2006289649 A2	20061026	JP20050109904	20050406

JP4669313 B2	20110413	JP20050109904	20050406
US2009026750 AA	20090129	US20060886955	20060404
US7955039 BB	20110607	US20060886955	20060404
WO06109611 A1	20061019	WO2006JP307075	20060404

Probable Assignee: LAB AT SITE LTD

Assignee(s):(std)**:** LAB AT SITE LTD ; YAMAMOTO TAKEMI

Inventor(s):(std)**:** YAMAMOTO TAKEMI ; TAKEMI YAMAMOTO

Inventor(s): YAMAMOTO TAKEMI C O LAB AT SITE LTD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B42C1/00 B42C7/00 B42C9/00 B42D1/08 B42D3/00 B42D3/08 (Advanced/Invention); B42C1/00 B42C9/00 B42D1/00 B42D3/00 (Core/Invention)

International class (IPC 1–7): B42C7/00 B42D3/08

CPC: B42C7/00 B42D1/08 B42D3/002 B42D3/08 B42D13/00

European class: B42C7/00 B42D1/08 B42D13/00 B42D3/00B B42D3/08

US class: 281/29 281/29P 412/17 412/3 412/4 412/4S 412/8 412/8S

Classification Explorer

Cited documents: US7566375 BB, US6416082 BA, US4430137 A, US3964770 A, US3315387 A, US2667909 A, US2390125 A, US2006120828 AA, US2004108709 AA, US2002135177 AA, US1495467 A, JPU3101717, JPS4956727, JP8132758 A2, JP63041587 U1, JP63041587 A2, JP49056727 A2, JP3101717 U, JP3101717 A2, JP2006159429 A2, JP2005262839 A2, JP2005199685 A2, JP2005109904, JP2004358810 A2, JP2003205692 A2, JP2002166679 A2, JP2002019329 A2, GB2219249 A1, GB2171357 A1, EP1669212 A2, EP1428681 A2, DE10152695 A1, CN1781728 A,

0) US5975082A – TEAR–AWAY SURGICAL DRAPE

8) Family number: 11293410 (US5975082A)

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Title: TEAR–AWAY SURGICAL DRAPE

Priority: US19970815978 19970310 US19970901568 19970728 WO1998US15452 19980728

Family:

Publication number	Publication date	Application number	Application date
AU199885910 A1	19990216	AU19980085910	19980728
CA2296360 AA	20000117	CA19982296360	19980728
CL1998001619 A1	19990316	CL19980001619	19980709
DE69819175 D1	20031204	DE19986019175	19980728
DE69819175 T2	20040715	DE19986019175T	19980728
EP1009318 A1	20000621	EP19980937122	19980728
EP1009318 B1	20031022	EP19980937122	19980728
IN01632MA1998 A	20090102	IN1998MA01632	19980722
JP2001510704 T2	20010807	JP20000503786T	19980728
US5975082 A	19991102	US19970901568	19970728
WO9904721 A1	19990204	WO1998US15452	19980728

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLEY CLARK WORLDWIDE INC ; KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; DOWDY RICHARD C

Inventor(s):(std)**:** DOWDY C ; DOWDY RICHARD C

Inventor(s): RICHARD C DOWDY

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A61B19/08 B32B5/18 (Advanced/Invention)

International class (IPC 1–7): A61B19/00 A61B19/08

CPC: A61B46/00 A61B2046/205

European class: A61B19/08 K61B19/08C1

US class: 128/849 128/853

Classification Explorer

Cited documents: US5540979 A, US5515868 A, US5482765 A, US5345946 A, US5151321 A, US5109873 A, US5074316 A, US4041203 A, US3926185 A, US3902484 A, US3856006 A, US3699106 A, US3669106 A, US3668050 A, US3484330 A, US3072511 A, DE8707403 U, DE8707403 U,

0) US2012171440A – PROCESS FOR APPLYING HIGH VISCOSITY COMPOSITION...

9) Family number: 51431178 (US2012171440A) © PatBase

Title: PROCESS FOR APPLYING HIGH VISCOSITY COMPOSITION TO A SHEET WITH HIGH BULK

Priority: US20100981972 20101230 WO2011IB55167 20111117

Family:

Publication number	Publication date	Application number	Application date
AU2011350916 AA	20120705	AU20110350916	20111117
AU2011350916 BB	20160721	AU20110350916	20111117
BR112013016112 A2	20160920	BR20131116112	20111117
EP2659064 A2	20131106	EP20110853391	20111117
EP2659064 A4	20160427	EP20110853391	20111117
EP2659064 B1	20170628	EP20110853391	20111117
KR20140008333 A	20140121	KR20137019835	20111117
MX2013007400 A1	20130729	MX20130007400	20111117
US2012171440 AA	20120705	US20100981972	20101230
US9580869 BB	20170228	US20100981972	20101230
WO12090088 A2	20120705	WO2011IB55167	20111117
WO12090088 A3	20121101	WO2011IB55167	20111117

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** CALEWARTS DEBORAH J ; CAMPBELL STEPHEN MICHAEL ; DESAI KEYUR ; JURENA JEFFREY F ; KIMBERLY CLARK CO ; QIN JIAN ; WALDROUP DONALD E ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): DESAI KEYUR ; CALEWARTS DEBORAH J ; CAMPBELL STEPHEN MICHAEL ; JURENA JEFFREY F ; QIN JIAN ; WALDROUP DONALD E

Inventor(s): STEPHEN MICHAEL CAMPBELL ; KEYUR DESAI ; DEBORAH J CALEWARTS ; DONALD E WALDROUP ; JEFFREY F JURENA ; JIAN QIN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B05D1/28 B05D5/00 B05D7/00 B32B29/06 D21H19/68 D21H23/52 D21H23/56 D21H23/66 D21H23/70 D21H27/00 (Advanced/Invention)

CPC: B05D1/28 D21H27/002 D21H19/68 D21H23/56 Y10T428/24934

European class: D21H19/68 D21H23/56 D21H27/00D

US class: 427/256 427/256S 428/211.1 428/211.100P

Classification Explorer

Cited documents: WO08068651 A2, WO0131123 A1, US7820010 BB, US7807023 BB, US7785443 BB, US7182837 BB, US6610174 BB, US6197154 BA, US6187140 BA, US6143135 A, US6126784 A, US6120642 A, US6096169 A, US5938437 A, US5885697 A, US5851352 A, US5814188 A, US5686169 A, US5672248 A, US5656132 A, US5429686 A, US5389202 A, US5278272 A, US5272236 A, US4988781 A, US4908240 A, US4818464 A, US4599392 A, US4326000 A, US4100324 A, US4076698 A, US3645992 A, US2008295985 AA, US2008073045 AA, US2005148257 AA, US2005058833 AA, US2005058693 AA, US2004099388 AA, US2003192662 AA,

0) US2005080394A – DISPOSABLE ABSORBENT ARTICLE AND PROCESS FOR MA...

10) Family number: 31710160 (US2005080394A) © PatBase

Title: DISPOSABLE ABSORBENT ARTICLE AND PROCESS FOR MAKING THE SAME

Priority:

EP20040771892	20040819	JP20030207952	20030819	JP20040163419	20040601
US20040920459	20040818	US20080339930	20081219	US20080341423	20081222
WO2004JP11931	20040819	KR20077000832	20070112	WO2004JP11931	20060217
WO2004JP11931	20070112				

Family:

Publication number	Publication date	Application number	Application date
BRPI0413216 A	20061003	BR2004PI13216	20040819
CN102038579 A	20110504	CN201010214676	20040819
CN102038579 B	20130821	CN201010214676	20040819
CN1856285 A	20061101	CN200480027291	20040819
CN1856285 B	20101110	CN200480027291	20040819
DE602004041880 D1	20130620	DE200460041880T	20040819
EP1661538 A1	20060531	EP20040771892	20040819
EP1661538 A4	20090527	EP20040771892	20040819
EP1661538 B1	20130424	EP20040771892	20040819
ES2422413 T3	20130911	ES20040771892T	20040819
HK1087608 A1	20130809	HK20060107793	20060712
HK1087608 A3	20061020	HK20060107793	20060712
IN00332KN2006 A	20070803	IN2006KN00332	20060215
IN247487 B	20110415	IN2006KN00332	20060215
JP2005095574 A2	20050414	JP20040163419	20040601

JP4652724 B2	20110316	JP20040163419	20040601
KR100779932 B1	20071128	KR20067003297	20040819
KR100779933 B1	20071128	KR20077000832	20040819
KR20060031703 A	20060412	KR20067003297	20040819
KR20070022391 A	20070226	KR20077000832	20070112
MY142396 A	20101130	MY20040003388	20040819
RU2006108260 A	20070927	RU20060108260	20040819
RU2325890 C2	20080610	RU20060108260	20040819
TH51056 B	20160902	TH20041003198	20040819
TH68099 A	20050324	TH20041003198	20040819
TW200522920 A	20050716	TW20040122130	20040723
TWI241907 B	20051021	TW20040122130	20040723
US2005080394 AA	20050414	US20040920459	20040818
US2009095403 AA	20090416	US20080339930	20081219
US2009105677 AA	20090423	US20080341423	20081222
US8114058 BB	20120214	US20080339930	20081219
US8221376 BB	20120717	US20080341423	20081222
WO05016213 A1	20050224	WO2004JP11931	20040819

Probable Assignee: UNI CHARM CORP

Assignee(s):(std)**:** JUNI CHARM KO LTD ; OTSUBO TOSHIFUMI ; SUGITO TOMOKO ; UNI CHARM CO LTD ; UNI CHARM CORP ; YAMAMOTO HIROKI ; UNI CHARM CORPORARTION ; UNICHARM CORP ; UNI CHARM LTD

Assignee(s): UNI CHARM CO LTD SHIKOKUCHUO ; UNI CHARM CO ; JUNI CHARM KO

Inventor(s):(std)**:** HIROKI YAMAMOTO ; JAMOMOTO KHIROKI ; OTSUBO TOSHIBUMI ; OTSUBO TOSHIFUMI ; TOMOKO OTSUBO TOSHIFUMI YAMAMO ; TOMOKO SUGITO ; TOSHIFUMI OTSUBO ; YAMAMOTO HIROKI ; YAMAMOTO KOKI ; OTSUBO TOSIFUMI ; SUGITO TOMOKO

Inventor(s): SUGITO TOMOKO UNI CHARM CO LTD MITOYO GUN ; YAMAMOTO HIROKI UNI CHARM CO LTD ; SUGITO TOMOKO UNI CHARM CO LTD ; OTSUBO TOSHIFUMI UNI CHARM CO LTD ; YAMAMOTO HIROKI UNI CHARM CO LTD MITOYO GUN ; OTSUBO TOSHIFUMI UNI CHARM CO LTD MITOYO GUN ; OTSUBO TOSHIFUMI YAMAMOTO HIROKI SUGITO TOMOKO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A44B18/00 A61F13/15 A61F13/20 A61F13/49 A61F13/496 A61F13/56 A61F13/62 A61F5/44 (Advanced/Invention);
A61F13/15 A61F13/49 A61F13/496 A61F13/62 (Advanced/Non–invention);
A61F13/15 A61F13/49 A61F13/496 A61F13/56 (Core/Invention);
A61F (Subclass/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/49 A61F13/496 A61F13/56 A61F13/62 A61F5/44

CPC: A61F2013/49028 A61F13/49011 A61F13/565 A61F13/5655

European class: A61F13/49D2B A61F13/56C4 A61F13/56C4B

US class: 156/66 156/66P 604/365 604/365P 604/367 604/367S 604/385.23 604/385.230S 604/385.24 604/385.240S 604/385.27 604/385.270P 604/387 604/387S

Classification Explorer

Cited documents: WO9720532 A1, WO0205378 A1, WO0113843 A1, US7329245 BB, US6743213 BA, US6049915 A, US5807368 A, US5069678 A, US4968313 A, US2003023216 AA, US2002111596 AA, US2002095132 AA, KR19990071908 A, JP6327712 A2, JP5501210 T2, JP5037224 U, JP3146059 A2, JP3096152 B2, JP2002320639 A2, JP11253476 A2, EP1226802 A2, EP0941728 A2,

0) US2003015209A – METHOD FOR WETTING AND WINDING A SUBSTRATE

11) Family number: 30046556 (US2003015209A) © PatBase

Title: METHOD FOR WETTING AND WINDING A SUBSTRATE

Priority: US20010900516 20010706 US20010900746 20010706 US20010989829 20011119 US20030664342 20030917 WO2002US21030 20020703

Family:

Publication number	Publication date	Application number	Application date
AR034725 AA	20040317	AR2002P102510	20020704
AU2002320249 AA	20030121	AU20020320249	20020703
BRPI0210790 A	20060523	BR2002PI10790	20020703
EP1412267 A2	20040428	EP20020749757	20020703
IL159336 A0	20040601	IL20020159336	20020703
KR20040013104 A	20040211	KR20047000088	20020703
MXPA03011740 A1	20050307	MX2003PA11740	20020703
TWI235732 B	20050711	TW20020114793	20020704
US2003015209 AA	20030123	US20010900746	20010706
US2003017333 AA	20030123	US20010900516	20010706
US2003025029 AA	20030206	US20010989829	20011119
US2005031779 AA	20050210	US20030664342	20030917
US6649262 BB	20031118	US20010900516	20010706
US6651924 BB	20031125	US20010989829	20011119
US7101587 BB	20060905	US20010900746	20010706
US7179502 BB	20070220	US20030664342	20030917
WO03004388 A2	20030116	WO2002US21030	20020703
WO03004388 A3	20031211	WO2002US21030	20020703

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std): KIMBERLY CLARK CO

Assignee(s): GAMBARO ANTHONY MARK ; GINGRAS BRIAN JAMES ; HOO DANIEL ; CWIAKALA JOE ; GANN CLAYTON TAYLOR ; DOYLE ANDREW PETER ; BETTI GUILIO ; KIMBERLY CLARK WORLDWIDE INC ; PAULING PAUL KERNER ; KRAUTKRAMER ROBERT EUGENE ; PERKINS JAMES MONROE ; PETRI STEFANO ; NARDO VALTER DI ; PETRI STEPHANO ; ADALBERTI MASSIMILIANO ; BAGGOT JAMES LEO ; BARKHAU ROBERT ALVIN ; BETTI GIULIO

Inventor(s):(std): GIULIO BETTI ; PETRI STEPHANO ; PETRI STEFANO ; PERKINS JAMES MONROE ; PAULING PAUL KERNER ; GINGRAS BRIAN JAMES ; GANN CLAYTON TAYLOR ; GAMBARO ANTHONY MARK ; DOYLE ANDREW PETER ; DOYLE ANDREW PATER ; DINARDO VALTER ; DI NARDO VALTER ; KRAUTKRAMER ROBERT EUGENE ; CWIAKALA JOE ; BETTI GUILIO ; BETTI GIULIO ; BETTI GIULIE ; BARKHAU ROBERT ALVIN ; BAGGOT JAMES LEO ; HOO DANIEL ; ADALBERTI MASSIMILIANO ; NARDO VALTER DI ; GINGRAS BRAIN JAMES

Inventor(s): GUILIO BETTI ; ANTHONY MARK GAMBARO ; ANDREW PETER DOYLE ; ANDREW PATER DOYLE ; CLAYTON TAYLOR GANN ; BRIAN JAMES GINGRAS ; BRAIN JAMES GINGRAS ; JOE CWIAKALA ; JAMES MONROE PERKINS ; JAMES LEO BAGGOT ; DANIEL HOO ; PAUL KERNER PAULING ; MASSIMILIANO ADALBERTI ; BAGGOT JAMES ; BARKHAU ROBERT ; DOYLE ANDREW ; GAMBARO ANTHONY ; GANN CLAYTON ; GINGRAS BRIAN ; KRAUTKRAMER ROBERT ; PAULING PAUL ; PERKINS JAMES ; VALTER DINARDO ; VALTER DI NARDO ; STEPHANO PETRI ; STEFANO PETRI ; ROBERT EUGENE KRAUTKRAMER ; ROBERT ALVIN BARKHAU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW

HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): B05D3/12 B65H18/20 B65H19/22 (Advanced/Invention); B65H19/22 (Advanced/Non–invention); B05D3/12 B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): A24C1/16 A47L13/17 B65D81/84 B65H B65H18/20 B65H19/22 B65H19/26 B65H81/02 D02G3/00

CPC: Y10T428/1345 Y10T428/1362 Y10T428/1397 Y10T428/2913 Y10T428/2927 Y10T428/2975 B65H19/2276 B65H2301/5142 B65H2404/531 B65H2404/5311 B65H2408/235 B65H19/22

European class: B65H19/22C L65H301/5142 L65H351/420 L65H404/531 L65H404/5311 L65H408/235

US class: 118/325 131/281 206/210 242/445.1 242/445.100S 242/521 242/541.2 242/541.200P 242/542.2 242/542.200S 242/908 242/908S 427/177 427/177P 427/179 427/179S 427/289 427/290 427/293 427/412 427/412S 428/35.5 428/35.500S 428/36.1 428/36.100S 428/36.92 428/36.920S 428/364 428/364P 428/372 428/398 428/906 428/906S

Classification Explorer

Cited documents: WO9933623, WO9933623, WO9929958, WO9929958, WO9803713, WO9803713, WO0182986 A2, WO0182986, WO0140090 A2, WO0140090, US6651924 BB, US6651924 BA, US6649262 BB, US6444214 BA, US6444214, US6429261 BA, US6248211 BA, US6248211, US6228216 BA, US6228216, US6140551 A, US6140551, US6056229 A, US6056229, US5958187 A, US5958187, US5913905 A, US5913905, US5848756 A, US5848756, US5839680 A, US5839680, US5759339 A, US5759339, US5690296 A, US5667635 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5478027 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A, US5271575 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5089296 A, US5076424 A, US5049440 A, US4962897 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4790491 A, US4747944 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A, US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4556454 A, US4533435 A, US4487377 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3668905 A, US3097968 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US2004096483 AA, US2003113458 AA, US2003025029 AA, US2003017333 AA, US2003015209 AA, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A, JP6306793, JP6306793, JP5209395 A2, JP5209395, JP2091300 A2, JP2091300, JP10174670, JP10174670, JP10174670, EP0895956 A1, EP0895956, EP0641885 A1, EP0641885, EP0580561 A2, EP0580561, EP0256950 A1, EP0256950, EP0026091 B1, EP0026091 A1, EP0026091, EP0014520 B1, EP0014520 A1, EP0014520,

0) US4174857A – GAME TICKET

12) Family number: 1539971 (US4174857A)

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Title: GAME TICKET

Priority: CA19780300921 19780411 US19770865202 19771228

Family:

Publication number	Publication date	Application number	Application date
CA1101462 A1	19810519	CA19780300921	19780411
GB1581013 A	19801210	GB19780016843	19780427
US4174857 A	19791120	US19770865202	19771228

Probable Assignee: SCIENTIFIC GAMES INC

Assignee(s):(std)**:** CANADIAN TAG AND LABEL LTD

Assignee(s): CHEMICAL BANK ; KOZA JOHN R ; MANUFACTURERS HANOVER TRUST CO ; NMB POSTBANK GROEP NV ; NMB POSTBANK GROEP NV A NETHERLANDS BANK ; SCIENTIFIC GAMES INC ; SCIENTIFIC GAMES OPERATING CORP A DE CORP ; SCIENTIFIC GAMES INC (NEW YORK) ; SCIENTIFIC GAMES INC NEW YORK ; BALLY S HOLDING CO INC ; BALLY'S HOLDING CO INC ; BALLY"S HOLDING CO INC

Inventor(s):(std)**:** KOZA JOHN R

International class (IPC 8–9)**:** A63F3/06 B24D15/00 B44F1/12 (Advanced/Invention); G09F23/00 (Advanced/Non–invention); A63F3/06 B44F1/00 (Core/Invention); G09F23/00 (Core/Non–invention)

International class (IPC 1–7)**:** A63F9/00 B24D15/00 B42D15/00

CPC: Y10S283/901 Y10S283/903 A63F3/0665 G09F2023/0016

European class: A63F3/06F2 K63F3/06F2S2M S09F23/00B

US class: 273/139 283/101 283/105 283/6 283/901 283/903

Classification Explorer

Cited documents: US3900219 A, GB1457998 A, GB1441489 A, GB1185066 A,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

13) Family number: 43384452 (US2009155512A) © PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSING OF SHEETS OF PRE–DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017

ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non–invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) US5096229A – METHOD FOR PRODUCING IDENTIFICATION CARDS

14) Family number: 11602522 (US5096229A)

© PatBase

Title: METHOD FOR PRODUCING IDENTIFICATION CARDS

Priority:

AU19910086392	19910919	US19900585614	19900920	US19930066034	19930515
US19920852562	19920317	WO1991US06803	19910919	US19900632316	19901221
WO1991US06803	19920402				

Family:

Publication number	Publication date	Application number	Application date
AT160114 E	19971115	AT19910917690T	19910919
AU199186392 A1	19920415	AU19910086392	19910919
AU199512326 A1	19950427	AU19950012326	19950217
AU664829 B2	19951207	AU19910086392	19910919
AU684584 B2	19971218	AU19950012326	19950217
BRPI9106865 A	19930615	BR1991PI06865	19910919
CA2091447 AA	19930310	CA19912091447	19910919
CA2091447 C	20000328	CA19912091447	19910919
DE69128200 D1	19971218	DE19916028200	19910919
DE69128200 T2	19980312	DE19916028200T	19910919
DE69128200 T3	20011011	DE19916028200T	19910919
EP0549703 A1	19930707	EP19910917690	19910919
EP0549703 A4	19930521	EP19910917690	19910919
EP0549703 B1	19971112	EP19910917690	19910919
EP0549703 B2	20010314	EP19910917690	19910919
ES2109275 T3	19980116	ES19910917690T	19910919
ES2109275 T5	20010801	ES19910917690T	19910919
JP2931404 B2	19990809	JP19910516066T	19910919
JP6501213 T2	19940210	JP19910516066T	19910919
KR100203408 B1	19990615	KR19930070850	19930320
KR100203408 B1	19990615	KR19930700850	19920402
US5096229 A	19920317	US19900585614	19900920
US5131686 A	19920721	US19900632316	19901221
US5320387 A	19940614	US19920852562	19920317
US5842722 A	19981201	US19930066034	19930515
WO9205036 A1	19920402	WO1991US06803	19910919

Probable Assignee: BANK OF AMERICA NA

Assignee(s):(std)**:** CARLSON THOMAS S ; THOMAS S CARLSON

Assignee(s): BANK OF AMERICA NA ; CARLSON THOMAS S ST PAUL MINN US ; KAARUSON TOOMASU ESU ; STANDARD REGISTER CO

Inventor(s):(std)**:** CARLSON THOMAS S

Inventor(s): KAARUSON TOOMASU ESU ; THOMAS S CARLSON ; CARLSON THOMAS S ST PAUL MINN US

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IT JP KP KR LI LK LU MC MG ML MN MR MW NL NO PL RO SD SE SN SU TD TG US

International class (IPC 8–9)**:** B31D1/02 B32B27/10 B42D15/00 B42D15/10 G09F3/02 G09F3/10 (Advanced/Invention); B32B27/10 G09F3/02 G09F3/10 (Advanced/Non–invention); B31D1/00 B32B27/10 B42D15/00 B42D15/10 G09F3/02 G09F3/10 (Core/Invention)

International class (IPC 1–7)**:** B31D1/02 B32B27/10 B42D15/00 B42D15/02 B42D15/10 B42D5/02 B42F1/00 B65D27/06 G09F3/02 G09F3/10

CPC: B42D25/00 B42D15/00 B42D25/23 B42D25/346 B42D25/435 B42D25/47 B42D15/0093

European class: B42D15/00 B42D15/00H6 B42D15/10

US class: 283/107 283/67 283/75

Classification Explorer

Cited documents: US5618520 A, US5401058 A, US5131686 A, US5096229 A, US5005872 A, US4962603 A, US4955640 A, US4951864 A, US4936608 A, US4923112 A, US4884827 A, US4865669 A, US4817310 A, US4780974 A, US4765653 A, US4763930 A, US4748452 A, US4747620 A, US4732410 A, US4640030 A, US4637635 A, US4618520 A, US4590109 A, US4589687 A, US4588463 A, US4579754 A, US4568403 A, US4536013 A, US4525116 A, US4447481 A, US4445711 A, US3346172 A, US3319872 A, US3273785 A, US1436885 A, US1114920 A, US1089486 A, JP63167137 B4, JP62158467 B4, JP62158467 A2, JP62158466 B4, JP62158466 A2, JP62129044 B4, JP61125424 B4, JP2045577 B2, JP2045577 A2, JP2042044 B2, JP1100164 B4, GB2226297 A1, EP0327754 A2, EP0047182 A1, AU583682 A1, AU583682 A1,

0) US2007049894A – STRETCH ACTIVATED ARTICLE FOR DELIVERING VARIOU...

15) Family number: 34253970 (US2007049894A) © PatBase

Title: STRETCH ACTIVATED ARTICLE FOR DELIVERING VARIOUS COMPOSITIONS OR FUNCTIONAL ELEMENTS

Priority: EP20060771968 20060602 US20050217080 20050831 WO2006US21476 20060602

Family:

Publication number	Publication date	Application number	Application date
AU2006285336 AA	20070308	AU20060285336	20060602
AU2006285336 BB	20110714	AU20060285336	20060602
BRPI0615380 A2	20110517	BR2006PI15380	20060602
BRPI0615380 B1	20170418	BR2006PI15380	20060602
CN101258025 A	20080903	CN200680031803	20060602
CN101258025 B	20121212	CN200680031803	20060602
DE602006038593 D1	20131121	DE200660038593T	20060602
EP1919697 A1	20080514	EP20060771968	20060602
EP1919697 B1	20130925	EP20060771968	20060602
KR101271342 B1	20130607	KR20087004814	20060602
KR20080039448 A	20080507	KR20087004814	20060602
US2007049894 AA	20070301	US20050217080	20050831
US7722589 BB	20100525	US20050217080	20050831
WO07027260 A1	20070308	WO2006US21476	20060602
WO07027260 C1	20080320	WO2006US21476	20060602

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): DAY BRYON P ; FITTS JAMES R ; FITTS JR JAMES R ; HUGHES JANIS W ; KIMBERLY CLARK CO ; NG WING CHAK ; MCCORMACK ANN L ; SHARMA VARUNESH ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): ANN L MCCORMACK ; BRYON P DAY ; CHAK NG WING ; DAY BRYON P ; FITTS JAMES R ; FITTS JAMES R JR ; FITTS JR JAMES R ; HUGHES JANIS W ; JAMES R FITTS ; JANIS W HUGHES ; MCCORMACK ANN L ; NG WING CHAK ; SHARMA VARUNESH ; VARUNESH SHARMA ; WING CHAK NG

Inventor(s): SHARMA VARUNESH ATLANTA ; NG WING CHAK SUWANEE ; MCCORMACK ANN L CUMMING ; MCCORMACK ANN ; HUGHES JANIS W ALPHARETTA ; HUGHES JANIS ; FITTS JAMES RJR ; FITTS JAMES R GAINESVILLE ; DAY BRYON P CANTON ; FITTS JAMES ; DAY BRYON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT

RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A44B18/00 A61F13/15 A61F13/84 B32B3/00 B32B3/08 B32B3/10 B32B3/24 B32B3/26 (Advanced/Invention); A44B18/00 A61F13/15 B32B3/00 B32B3/10 (Advanced/Non–invention); A44B18/00 A61F13/15 B32B3/00 B32B3/10 (Core/Invention)

CPC: A41D13/1209 A47L13/19 A61F13/15203 A61F13/8405 B32B5/022 B32B2307/7265 B32B3/08 B32B3/266 B32B2437/00 B32B2535/00 B32B2555/00

European class: A41D13/12B A47L13/19 A61F13/15J A61F13/84B B32B3/10

US class: 604/383 604/385.11 604/385.110S 604/385.16 604/385.22 604/385.220P 604/385.24 604/387 604/390 604/391

Classification Explorer

Cited documents: WO03000162 A1, US6884494 BA, US6878433 BB, US6863960 BB, US6830800 BB, US6808791 BB, US6721987 BB, US6716498 BB, US6647549 BB, US6503855 BA, US6420625 BA, US6336763 BA, US6270875 BA, US6262331 BA, US5901419 A, US5873868 A, US5839608 A, US5819765 A, US5804021 A, US5741564 A, US5575782 A, US5524764 A, US5445825 A, US5348153 A, US5068941 A, US4969970 A, US4818464 A, US4797310 A, US4753231 A, US4603069 A, US4600620 A, US4100324 A, US4063559 A, US3855046 A, US3655501 A, US3485706 A, US2004109720 AA, US2003028985 AA, US2002150431 AA, JPS63290819, JPS60190712, JP63290819 A2, JP60190712 A2, EP0685586 A2,

0) US2010031966A – ZIP STRIP DRAPING SYSTEM AND METHODS OF MANUFAC...

16) Family number: 44328714 (US2010031966A)

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Title: ZIP STRIP DRAPING SYSTEM AND METHODS OF MANUFACTURING SAME

Priority:

CN200910221422	20090807	EP20090167307	20090806	US20080188931	20080808
US20110538642P	20110923	US20120589640	20120820	WO2012US54659	20120911

Family:

Publication number	Publication date	Application number	Application date
AU2012312845 AA	20130328	AU20120312845	20120911
AU2012312845 BB	20170622	AU20120312845	20120911
CA2674951 AA	20100208	CA20092674951	20090806
CA2848634 AA	20140313	CA20122848634	20120911
CN101721255 A	20100609	CN200910221422	20090807
CN101721255 B	20130731	CN200910221422	20090807
CN103356297 A	20131023	CN201310283283	20090807
CN103356297 B	20160928	CN201310283283	20090807
CN103826565 A	20140528	CN201280046346	20120911
CN103826565 B	20170728	CN201280046346	20120911
DE602009036778 D1	20160428	DE200960036778T	20090806
EP2151211 A2	20100210	EP20090167307	20090806
EP2151211 A3	20101110	EP20090167307	20090806
EP2151211 B1	20160316	EP20090167307	20090806
EP2747697 A1	20140702	EP20120834067	20120911
EP2747697 A4	20150318	EP20120834067	20120911
ES2568202 T3	20160428	ES20090167307T	20090806
JP2015501165 T2	20150115	JP20140531859T	20120911
JP6067715 B2	20170125	JP20140531859T	20120911
MX2009008392 A1	20100322	MX20090008392	20090806

US2010031966 AA	20100211	US20080188931	20080808
US2012312308 AA	20121213	US20120589640	20120820
WO13043414 A1	20130328	WO2012US54659	20120911

Probable Assignee: MEDLINE IND INC

Assignee(s):(std)**:** ALLEN FRED L ; MEDLINE IND INC

Assignee(s): MEDLINE IND INC MUNDELEIN ; MEDLINE INDUSTRIES INC

Inventor(s):(std)**:** ALLEN FRED L ; ALLEN F L

Inventor(s): FRED L ALLEN ; ALLEN FRED L WONDER LAKE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61B16/00 A61B19/08 A61B19/10 A61B46/00 A61B46/10 A61B46/20 A61B46/23
A61F13/62 (Advanced/Invention);
A61F13/15 (Advanced/Non–invention);
A61B19/00 (Core/Invention)

CPC: A61F2013/15073 A61B46/00 A61B46/40 A61B2046/205 A61B2017/00526

European class: A61B19/08 K61B17/00M

US class: 128/849 128/851 128/853 128/855

Classification Explorer

Cited documents: WO9904721 A1, WO9601594 A1, WO8602258 A1, WO07083032 A1, US7305991 BB, US7290547 BB, US7114500 BB, US6843252 BB, US6820622 BA, US6742522 BA, US6694981 BB, US6405730 BB, US6345622 BA, US6285611 BA, US6244268 BA, US6105579 A, US5985395 A, US5975082 A, US5973450 A, US5916202 A, US5816253 A, US5765566 A, US5611356 A, US5417225 A, US5140996 A, US5109873 A, US4869271 A, US4745915 A, US4711236 A, US4664103 A, US4627427 A, US4616642 A, US4596245 A, US4569341 A, US4553538 A, US4489720 A, US4479492 A, US4479492, US4334529 A, US4323062 A, US4266663 A, US4134398 A, US4041942 A, US3956048 A, US3881474 A, US3750664 A, US2010031966 AA, US2010031966, US20100031966, US2009277460 AA, US2008047567 AA, US2008023013 AA, US2008006279 AA, US2007102005 AA, US2007083032 AA, US2006191541 AA, US2006081261 AA, US2005145254 AA, US2003060831 AA, US04479492, JP2003512126 T2, JP2003512126, JP2001510704 T2, JP2001510704, FR2896146 A1, DE8904426 U,

DE202006005966 U1

CN201079451, CN101721255 A,

0) US2017204304A – ABSORBENT SHEET TAIL–SEALED WITH NANOFIBRILLATE...

17) Family number: 66397887 (US2017204304A) © PatBase

Title: ABSORBENT SHEET TAIL–SEALED WITH NANOFIBRILLATED CELLULOSE CONTAINING TAIL–SEAL ADHESIVES

Priority:

US20160280161P	20160119	US20160366137P	20160725	US20170405795	20170113
US20160366154P	20160725	US20170405397	20170113		

Family:

Publication number	Publication date	Application number	Application date
US2017204304 AA	20170720	US20170405795	20170113
US2017204567 AA	20170720	US20170405397	20170113
WO17127335 A1	20170727	WO2017US13691	20170117
WO17127336 A1	20170727	WO2017US13693	20170117

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PRODUCTS LP

Inventor(s):(std)**:** SUMNICHT DANIEL W ; VAIJAPURKAR SIDDHARTH S ; YU ZHIYING

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A61F13/15 B31F1/07 B32B29/00 B32B37/02 B32B37/12 B32B5/26 B65H19/29 C08B15/00 C09D101/02 C09J101/02 C09J101/04 C09J11/08 C09J129/04 C09J5/00 D21H21/24 D21H27/00 D21H27/32 D21H27/40 (Advanced/Invention)

CPC: C09J101/04 C09J11/08 C09J129/04 C09J5/00 C09J2401/00 C09J2429/00 C09J2401/006 D21H27/002 D21H27/32 D21H21/24

Classification Explorer

Cited documents: US2016215179 AA, US2015368368 AA, US2014154756 AA, US2012219816 AA, US2010300605 AA, EP2526158 A1, EP0947549 A1,

0) US4299637A – METHOD OF MAKING A GAME TICKET

18) Family number: 1351127 (US4299637A) © PatBase

Title: METHOD OF MAKING A GAME TICKET

Priority: CA19790319654 19790115 US19780915382 19780614

Family:

Publication number	Publication date	Application number	Application date
AU197943853 A1	19791220	AU19790043853	19790201
AU524948 B2	19821014	AU19790043853	19790201
CA1135574 A1	19821116	CA19790319654	19790115
DE2923985 A1	19800103	DE19792923985	19790613
FR2428883 A1	19800111	FR19790011913	19790510
FR2428883 B1	19840810	FR19790011913	19790510
GB2023498 A1	19800103	GB19790003067	19790129
GB2023498 B2	19820428	GB19790003067	19790129
MX149391 A	19831101	MX19790178090	19790614
US4299637 A	19811110	US19780915382	19780614

Probable Assignee: SCIENTIFIC GAMES INC

Assignee(s):(std)**:** KOZA JOHN R ; CANADIAN TAG AND LABEL CO ; CANADIAN TAG AND LABEL LTD

Assignee(s): CANADIAN TAG AND LABEL LTD A CORP OF ; CANADIAN TAG LABEL LTD ; CHEMICAL BANK ; BALLY S HOLDING CO INC ; BALLY'S HOLDING CO INC ; BALLY"S HOLDING CO INC ; SCIENTIFIC GAMES INC ; SCIENTIFIC GAMES OPERATING CORP A DE CORP ; MANUFACTURERS HANOVER TRUST CO ; NMB POSTBANK GROEP NV A NETHERLANDS BANK ; NMB POSTBANK GROEP NV ; SCIENTIFIC GAMES INC (NEW YORK) ; OBERDECK MARTIN K ; SCIENTIFIC GAMES INC NEW YORK

Inventor(s):(std)	KOZA JOHN R ; OBERDECK MARTIN ; OBERDECK MARTIN K
Inventor(s):	WIRD SPAETER GENANNT WERDEN ; MARTIN K OBERDECK ; MARTIN OBERDECK ; JOHN R KOZA
International class (IPC 8–9)**:**	A63F3/06 B41F17/00 B41M3/14 B42C3/00 B42D15/00 B44F1/12 (Advanced/Invention); A63F3/06 B41F17/00 B42C3/00 B44F1/00 (Core/Invention)
International class (IPC 1–7)**:**	A63F9/00 B32B31/12 B41F17/00 B41M3/14 B42D15/00 B44F1/12 G07C15/00 G09F3/02
CPC:	Y10S283/903 Y10S428/916 Y10T156/1057 Y10T428/15 B41F17/00 A63F3/0635 A63F3/065 B42C3/00
European class:	A63F3/06F B41F17/00 B42C3/00 K63F3/06C3
US class:	101/483 156/253 156/277 156/289 156/291 156/64 156/67 273/139 283/103 283/105 283/903 283/99 427/157 427/258 427/288 427/7 428/43 428/916 434/346
Classification Explorer	
Cited documents:	US4174857 A, US4095824 A, US4012268 A, US3900219 A, US3833795 A, US2961777 A, GB1185066 A, FR2136374 A5, BE505054 A,

0) US2003218329A – PROMOTIONAL FORM WITH DETACHABLE ELEMENT

19) Family number: 29995368 (US2003218329A)

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Title:	PROMOTIONAL FORM WITH DETACHABLE ELEMENT
Priority:	US20020154761 20020524

Family:

Publication number	Publication date	Application number	Application date
US2003218329 AA	20031127	US20020154761	20020524
US6948742 BB	20050927	US20020154761	20020524

Probable Assignee:	WARD KRAFT INC
Assignee(s):(std)	BUCK ROGER ; WARD KRAFT INC
Inventor(s):(std)	BUCK ROGER
International class (IPC 8–9)**:**	B42D15/02 (Advanced/Invention); B42D15/02 (Core/Invention)
International class (IPC 1–7)**:**	B42D15/00 B65D27/04 B65D27/06 B65D27/34
CPC:	Y10S462/90 B42D15/025 Y10T428/1471 Y10T428/1476 Y10T428/1481
European class:	B42D15/02D
US class:	229/300 229/303 229/70 229/71 229/72 229/92 229/92.1 229/92.8 229/921 229/928 283/101 283/105 283/106 283/56 283/61 283/98 40/341 428/41.7 428/41.8 428/41.9 428/417 428/418 428/419 462/18 462/25 462/26 462/8 462/900 493/405 493/413
Classification Explorer	
Cited documents:	US6474694 BA, US6431437 BA, US6422938 BA, US6406586 BA, US6349829 BA, US6322655 BA, US6322106 BA, US6214153 BA, US6131802 A, US6092843 A, US5941451 A, US5893512 A, US5716688 A, US5667247 A, US5618112 A, US5376048 A, US5289972 A, US5253899 A, US5174609 A, US5125689 A, US5076613 A, US5029901 A, US5020829 A, US4097068 A, US4039122 A, US3956049 A, US3900219 A, US2003049403 AA, JP402277698, JP2277698 A2,

0) US5996130A – USER PRINTABLE TAB SHEET OR CARD CONSTRUCTION

20) Family number: 23278823 (US5996130A) © PatBase

Title: USER PRINTABLE TAB SHEET OR CARD CONSTRUCTION

Priority: US19970958557 19971029 US19990335154 19990616 WO1998US21108 19981007

Family:

Publication number	Publication date	Application number	Application date
AU199897892 A1	19990517	AU19980097892	19981007
AU768622 B2	20031218	AU19980097892	19981007
CA2309092 AA	20000427	CA19982309092	19981007
US5996130 A	19991207	US19970958557	19971029
US6375604 BA	20020423	US19990335154	19990616
WO9922359 A1	19990506	WO1998US21108	19981007

Probable Assignee: CASE WESTERN RESERVE UNIV

Assignee(s):(std)**:** AVERY DENNISON CORP

Assignee(s): CASE WESTERN RESERVE UNIV ; CCL LABEL INC ; VERHINES RICK J

Inventor(s):(std)**:** RICK J VERHINES ; VERHINES RICK J

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): B31C11/00 B42F21/02 G09F23/10 (Advanced/Invention); B42F21/00 (Core/Invention)

International class (IPC 1–7): B31B1/88 B31C11/00 B42F21/00 G09F23/10

CPC: Y10S493/947 Y10S493/961 B42F21/02 B42P2241/22

European class: B42F21/02 L42P241/22

US class: 283/37 283/41 4/36 40/359 40/361 40/638 40/641 493/325 493/375 493/386 493/409 493/947 493/961

Locarno class: 4 /36

Classification Explorer

Cited documents: WO9732737 A1, WO9732736 A1, US6039354 A, US5906397 A, US5656347 A, US5622761 A, US561888 A, US5597634 A, US5540513 A, US5524998 A, US5518273 A, US5468085 A, US5462783 A, US5451440 A, US5407234 A, US5401058 A, US5400957 A, US5135261 A, US5016370 A, US4972615 A, US4962603 A, US4876131 A, US4784508 A, US4637149 A, US4580815 A, US4560600 A, US4329191 A, US4184699 A, US3924744 A, US3854229 A, US3822492 A, US3808718 A, US3371850 A, US3245162 A, US3205597 A, US3054202 A, US2300623 A, US1785780 A, US1736165 A, US1732541 A, US1559129 A, US1151475 A,

0) US2003172624A – VERTICAL STAND–UP POUCH

21) Family number: 29081264 (US2003172624A) © PatBase

Title: VERTICAL STAND–UP POUCH

Priority:

EP20030745100	20030312	JP20030578222	20030312	US20020100370	20020318
US20040778555	20040213	US20030721953	20031125	US20030695339	20031028
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WO2006US32181	20060817	WO2006US32181	20080527	WO2003US07505	20040918

Family:

Publication number	Publication date	Application number	Application date
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WO07058689 C1	20080703	WO2006US32181	20060817

Probable Assignee: FRITO LAY NORTH AMERICA INC

Assignee(s):(std)**:** DIERL MARTIN B ; FRITO LAY NORTH AMERICA INC ; GEHRING JAY E ; FRITO LAY NORTH AMERICAN INC ; BARTEL LAWRENCE J ; BARTEL LAWRENCE JOSEPH ; GEHRING JAY EDWARD ; KNOERZER ANTHONY ROBERT ; KOHL GARRETT WILLIAM ; TUCKER STEVEN KENNETH ; RECOT INC ; KNOERZER ANTHONY R ; KOHL GARRETT W ; TUCKER STEVEN K ; REAVES JERRY M ; WHITE JERYL E ; HENDERSON ERIC T ; KOHL GARRERT W ; TUCKER STEEN KENNETH

Assignee(s): FRITO LAY NORTH AMERICA INC PLANO ; BRENKUS FRANK MATHEW ; FRITO LAY NORTH AMERCIA INC ; DIERL MARTIN BERNHARD

Inventor(s):(std)**:** BARTEL LAWRENCE J ; DIERL MARTIN B ; DIERL MARTIN BERNHARD ; GEHRING JAY EDWARD ; HENDERSON ERIC T ; HENDERSON ERIC THOMAS ; KENNETH KNOERZER ANTHONY ROBER ; KENNETH TUCKER STEVEN ; KNOZER ANTHONY ROBERT ; KOHL GARETT WILLIAM ; KOHL GARRERT W ; KOHL GARRETT ; KOHL GARRETT W ; KOHL GARRETT WILLIAM ; LAWRENCE JOSEPH BARTEL ; ROBERT KNOERZER ANTHONY ; STEVEN KENNETH TUCKER ; TUCKER STEEN KENNETH ; TUCKER STEVEN ; TUCKER STEVEN K ; TUCKER STEVEN KENNETH ; WILLIAM KOHL GARRETT ; KNOERZER ANTHONY ROBERT ; KNOERZER ANTHONY R ; KNOERZER ANTHONY ; KENNETH TUCKER STEEN ; JOSEPH BARTEL LAWRENCE ; GARRETT WILLIAM KOHL ; GEHRING JAY E ; BRENKUS FRANK MATHEW ; ANTHONY ROBERT KNOERZER ; WHITE JERYL EDWIN ; WHITE JERYL E ; BARTEL LAWRENCE JOSEPH ; BARTEL LAWRENCE ; REAVES JERRY MIKE ; REAVES JERRY M

Inventor(s): ANTHONY ROBERT KNOZER ; STEEN KENNETH TUCKER ; BARTEL LAWRENCE JOSEPH PILOT POINT ; GEHRING JAY ; GARRET WILLIAM KOHL ; GARETT WILLIAM KOHL ; DIERL MARTIN ; HENDERSON ERIC ; TUCKER STEVEN KENNETH HURST ; WHITE JERYL ; STEVEN KENNETH TUCKER ANTHONY ROBERT KNOERZER GARRET WILLIAM KOHL ; REAVES JERRY ; KOHL GARRETT WILLIAM ALLEN ; KOHL GARRERT WILLIAM ; KOHL GARRERT ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM TUCKE ; KNOERZER ANTHONY ROBERT KOHL GARRETT WILLIAM TUCKER STEVEN KENNETH ; KNOERZER ANTHONY ROBERT PARKER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B31B1/26 B31B1/64 B31B31/26 B31B37/26 B65B11/58 B65B41/00 B65B47/00 B65B59/04 B65B61/00 B65B61/02 B65B61/18 B65B63/04 B65B9/02 B65B9/06 B65B9/067 B65B9/10 B65B9/20 B65B9/207 B65B9/213 B65B9/22 B65D30/10

B65D30/16 B65D30/20 B65D33/00 B65D33/16 B65D33/25 B65D33/30 B65D75/58 B65D77/02 C12C1/027 (Advanced/Invention);
B31B1/90 B65B9/06 B65B9/20 B65D30/16 B65D75/42 B65H5/28 (Advanced/Non–invention);
B31B37/00 B65B5/06 B65B9/06 B65B9/10 B65D30/16 (Core/Invention);
B65B (Subclass/Invention)

International class (IPC 1–7): B65B41/00 B65B47/00 B65B5/06 B65B61/02 B65B61/18 B65B9/00 B65B9/06 B65B9/10 B65B9/20 B65D30/10 B65D30/16 B65D33/00 B65D33/16 B65D33/25 C12C1/027

CPC: B65D75/30 B65D33/1691 B29C65/305 B29C65/7891 B29C66/474 B29C66/81427 B29L2005/00 B65B9/2028 B65B61/188 B65B2220/12 B65D31/10 B65D33/2533 B65D33/2591 B65D75/5811 B26F1/14 B26F1/44 B26F2001/4472 B26F2001/4481 B29C65/18 B29C65/7457 B29C66/112 B29C66/135 B29C66/4322 B29C66/49 B29C66/71 B29C66/73713 B29C66/8322 B29C66/83221 B29C2793/0045 B29C2795/002 B65B61/007 B65B2220/18 B65B2220/22 B29C53/10 B29C65/02 B29C66/1122 B29C66/344 B29C66/849 B29K2023/12 B29K2067/00 B29K2305/02 B29K2995/005 B29L2009/00 B29L2009/003 B29L2031/7128 B29C66/73711 B29C66/4312 B65B9/2042 B65B9/213 B65B9/22 B65B59/04 B65B65/06 B65D75/008 B65B9/20 B29C66/723 B29C66/72321 B29C66/72328 B29C66/7234 B65B9/207

European class: B29C53/10 B29C65/74E6 B65B59/04 B65B61/18E B65B65/06 B65B9/20 B65B9/20M4 B65B9/20Q B65B9/213 B65B9/22 B65D31/10 B65D33/16H B65D33/25A1C B65D33/25C B65D75/00E B65D75/58B1 L26F1/44H L26F1/44I L29C65/02 L29C66/112 L29C66/1122 L29C66/135 L29C66/344 L29C66/43 L29C66/71 L29C66/73713 L29C66/849 L29C793/00E L29C795/00B L29K23/12 L29K305/02 L29K67/00 L29K995/00F10 L29L31/7128 L29L9/00 L29L9/00C L65B220/12 L65B220/18 L65B220/22 L65D75/00E L65D75/30

US class: 206/484 206/494 221/281 221/70 383/104 383/104P 383/104S 383/121 383/121S 383/122 383/122S 383/62 383/62P 383/89 383/89S 426/106 426/106P 426/108 426/108S 426/87 426/87P 493/194 493/194S 493/243 493/243S 493/248 493/256 493/418 493/429 493/440 5/345.9 53/116 53/131.5 53/133.4 53/133.400S 53/139.2 53/139.200S 53/201 53/370.2 53/370.6 53/410 53/411 53/412 53/412P 53/412S 53/429 53/449 53/450 53/451 53/451P 53/451S 53/459 53/469 53/551 53/551P 53/551S 53/552 53/552S 53/591 534/100 534/110 534/510

Classification Explorer

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0) US2006049190A – ABSORBENT MICROWAVE INTERACTIVE PACKAGING

22) Family number: 32681485 (US2006049190A) © PatBase

Title: ABSORBENT MICROWAVE INTERACTIVE PACKAGING

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: GRAPHIC PACKAGING INT INC

Assignee(s):(std)**:** FILES JOHN C ; GRAPHIC PACKAGING INTERNATIONA ; GRAPHIC PACKAGING INT INC ; GRAPHIC PACKAGING INTERNATL IN ; MIDDLETON SCOTT W ; LAFFERTY TERRENCE P ; SCHULZ WILLIAM J ; JESCH NORMAN L ; WOLFORD TOM ; WOLFORD THOMAS

Assignee(s): GRAPHIC PACKAGING INT INC MARIETTA ; GRAPHIC PACKAGING INTERNATL INC ; GRAPHIC PACKAGING INTERNATIONAL INC ; GRAPHIC PACKAGING INT ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS

Inventor(s):(std)**:** FILES JOHN ; FILES JOHN C ; JESCH NORMAN ; JESCH NORMAN L ; LAFFERTY TERRENCE ; LAFFERTY TERRENCE P ; MIDDLETON SCOTT ; MIDDLETON SCOTT W ; SCHULZ WILLIAM ; SCHULZ WILLIAM J ; TOM MIDDLETON SCOTT W LAFFERTY ; WOLFORD THOMAS ; WOLFORD TOM

Inventor(s): WOLFORD TOM HEISSON ; SCHULZ WILLIAM J WAUSAU ; MIDDLETON SCOTT W OSHKOSH ; LAFFERTY TERRENCE P WINNECONNE ; JESCH NORMAN L GOLDEN ; FILES JOHN C VANCOUVER ; FILES JOHN CAMERON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO

RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J27/00 A47J36/02 B32B27/08 B32B27/12 B32B3/10 B32B33/00 B65D65/40 B65D81/34 H05B6/74 H05B6/80 (Advanced/Invention); A47J27/00 A47J36/02 B32B27/12 B32B3/10 B65D65/40 B65D81/34 H05B6/74 H05B6/80 (Core/Invention)

CPC: Y10T428/24322 Y10T428/24331 Y10T428/1334 Y10T428/1352 B65D81/264 B65D81/3453 B65D81/3461 B65D2581/3472 B65D2581/3474 B65D2581/3477 B65D2581/3478 B65D2581/3479 B65D2581/3494 H05B6/6408 H05B6/6494

European class: B65D81/26E B65D81/34M1 B65D81/34M2 L65D581/34M5A L65D581/34M5B L65D581/34M5C L65D581/34M5C1 L65D581/34M5D L65D581/34M7S

US class: 219/730 219/759 428/137 428/137S 428/138 428/138P 428/35.2 428/35.7

Classification Explorer

Cited documents: WO03066435 A2, USRE34683 E, US6893686 BB, US6858252 BB, US6765182 BB, US6765182 B1, US6717121 BB, US6717121 B1, US6680103 BA, US6677563 BB, US6677563 B1, US6673158 BA, US6552315 BB, US6552315 B1, US6534174 BA, US6478061 BB, US6455827 BB, US6455827 B1, US6433322 BB, US6433322 B1, US6414290 BA, US6387500 BA, US6368609 BA, US6251451 BA, US6210776 BA, US6207242 BA, US6204492 BA, US6171695 BA, US6162961 A, US6150646 A, US6114679 A, US6096384 A, US60463704 P, US5935383 A, US5928741 A, US5882746 A, US5814396 A, US5800724 A, US5766732 A, US5759422 A, US5728416 A, US5723223 A, US5672407 A, US5632404 A, US5628921 A, US5609901 A, US5603996 A, US5552169 A, US5519195 A, US5494738 A, US5491013 A, US5429867 A, US5424517 A, US5423911 A, US5415340 A, US5414248 A, US5410135 A, US5407480 A, US5399366 A, US5385771 A, US5384295 A, US5373202 A, US5354973 A, US5340436 A, US5335996 A, US5310587 A, US5266386 A, US5260537 A, US5240777 A, US5223098 A, US5221419 A, US5213902 A, US5199792 A, US5198490 A, US5194120 A, US5192613 A, US5178730 A, US5128182 A, US5124519 A, US5117078 A, US5100934 A, US5096722 A, US5093176 A, US5092516 A, US5091236 A, US5089320 A, US5041325 A, US5039364 A, US5037682 A, US5032227 A, US5029521 A, US5023227 A, US5015334 A, US4988561 A, US4984907 A, US4982064 A, US4963424 A, US4954356 A, US4950524 A, US4948932 A, US4936935 A, US4935276 A, US4933212 A, US4929480 A, US4913773 A, US4890439 A, US4873101 A, US4867844 A, US4865921 A, US4865855 A, US4865854 A, US4857342 A, US4854971 A, US4786513 A, US4775771 A, US4762643 A, US4757930 A, US4749444 A, US4742908 A, US4739003 A, US4735308 A, US4703148 A, US4619361 A, US4613542 A, US4608259 A, US4595611 A, US4587154 A, US4568574 A, US4521492 A, US4471904 A, US4455184 A, US4410578 A, US4391833 A, US4375989 A, US4371596 A, US4343858 A, US4336306 A, US4282059 A, US4265969 A, US4181567 A, US4166054 A, US4072769 A, US4015085 A, US4003311 A, US3936383 A, US3873345 A, US3653894 A, US3463659 A, US3364056 A, US3196038 A, US31843702, US3018189 A, US2941894 A, US2010120313 AA, US2007000568 AA, US2006049190 AA, US2005158524 AA, US2004101661 AA, US2004053066 AA, US2004023000 AA, US2003144121 AA, US2003091847 AA, US2003087051 AA, US2003064181 AA, US2002114933 AA, US0303779, US0300573, JP8205762 A2, JP8205762, JP8040467 A2, JP8040467, JP7507442, JP63185005 U, JP63185005 A2, JP63178970, JP6035164 U, JP4109141 U, JP4040933 U, JP3078769 U, JP3024254 U1, JP3024254 U, JP2200233 A2, JP2200233, JP2004109141 A2, JP200267206, JP2002240179 A2, JP2002240179, JP2002186470 A2, JP2002186470, JP2002067206 A2, JP2002067206, JP2001248075 A2, JP2001248075, JP1963185005, JP0840467, JP0635164 U, JP0440933 U, JP0378769 U, EP0271268 A2,

0) US2013112211A – BARRIER PROTECTION USING LINEAR TEAR TECHNOLOGY...

23) Family number: 53672543 (US2013112211A) © PatBase

Title: BARRIER PROTECTION USING LINEAR TEAR TECHNOLOGY

Priority: US20110289184 20111104

Family:

Publication number	Publication date	Application number	Application date
US2013112211 AA	20130509	US20110289184	20111104
US8826911 BB	20140909	US20110289184	20111104

Probable Assignee: NOWICKI DAVID

Assignee(s):(std)**:** EXACT MEDICAL MFG INC ; NOWICKI DAVID ; POWER DAVID

Assignee(s): EXACT MEDICAL MANUFACTURING INC

Inventor(s):(std)**:** NOWICKI DAVID ; POWER DAVID

International class (IPC 8–9): A61B19/08 A61F5/37 (Advanced/Invention); A61B19/00 (Advanced/Non–invention)

CPC: A61B2046/205 A61B2090/037 A61B19/08 A61B46/00

US class: 128/849 128/850 128/853 128/854

Classification Explorer

Cited documents: US6405730 BB, US6286511 BA, US5975082 A, US3926185 A, US2010031966 AA, US2008006279 AA,

0) US4943439A – MICROWAVE RECEPTIVE HEATING SHEETS AND PACKAGES...

24) Family number: 10772890 (US4943439A) © PatBase

Title: Microwave receptive heating sheets and packages containing them

Priority: CA19890592522 19890302 EP19880311414 19881201 EP19930202271 19881201 US19890436366 19891114 US19900516094 19900427 US19880169215 19880315 US19910808672 19911216

Family:

Publication number	Publication date	Application number	Application date
AT102779 E	19940315	AT19880311414T	19881201
AT150413 E	19970415	AT19880202271T	19881201
AU198928605 A1	19890921	AU19890028605	19890119
AU619516 B2	19920130	AU19890028605	19890119
CA1326473 A1	19940125	CA19890592522	19890302
DE3855840 D1	19970424	DE19883855840	19881201
DE3855840 T2	19970626	DE19883855840T	19881201
DE3888344 D1	19940414	DE19883888344	19881201
DE3888344 T2	19940616	DE19883888344T	19881201
DK120289 A	19890916	DK19890001202	19890313
DK120289 A0	19890313	DK19890001202	19890313
EP0332782 A1	19890920	EP19880311414	19881201
EP0332782 B1	19940309	EP19880311414	19881201
EP0573127 A2	19931208	EP19930202271	19881201
EP0573127 A3	19940112	EP19930202271	19881201
EP0573127 B1	19970319	EP19930202271	19881201
EP0752379 A1	19970108	EP19960202386	19881201
ES2050713 T3	19940601	ES19880311414T	19881201
FI891220 A	19890916	FI19890001220	19890315

FI891220 A0	19890315	FI19890001220	19890315
IS1467 B6	19910326	IS19890003446	19890313
IS3446 A7	19890916	IS19890003446	19890313
NO891093 A	19890918	NO19890001093	19890314
NO891093 A0	19890314	NO19890001093	19890314
US4943439 A	19900724	US19880169215	19880315
US5034234 A	19910723	US19890436366	19891114
US5084601 A	19920128	US19900516094	19900427
US5175404 A	19921229	US19910808672	19911216

Probable Assignee: MCCAIN FOODS LTD

Assignee(s):(std)**:** GOLDEN VALLEY MICROWAVE FOODS

Assignee(s): GOLDEN VALLEY MICROWAVE FOODS INC ; SUMMAGRAPHICS CORP ; MCCAIN FOODS LTD ; GOLDEN VALLEY MICROWAVE FOODS INC A CORP OF MINNES ; GOLDEN VALLEY MICROWAVE FOODS INC EDINA MINN US ; GOLDEN VALLEY MICROWAVE FOODS INC EDINA MINN ; ANDREAS DAVID W ; CONAGRA INC ; CONAGRA INC (A DELAWARE CORPORATION) ; CONAGRA INC A DELAWARE CORP ; CONAGRA INC A DELAWARE CORPORATION ; COX DAVID H

Inventor(s):(std)**:** STEVENS RICHARD D ; COX DAVID H ; ANDREAS DAVID W

Inventor(s): ANDREAS DAVID W MINNEAPOLIS MN 55418 US ; ANDREAS DAVID W MINNEAPOLIS MN 55418 ; COX DAVID H ROBBINSDALE MN 55422 US ; COX DAVID H ROBBINSDALE MN 55422 ; DAVID H COX ; DAVID W ANDREAS

Designated states: AT BE CH DE ES FR GB IT LI NL SE

International class (IPC 8–9)**:** B65D81/34 H05B6/64 H05B6/80 (Advanced/Invention); B65D81/34 (Core/Invention)

International class (IPC 1–7)**:** A23L1/025 A23L1/25 A47J36/04 B32B15/08 B32B15/12 B32B27/10 B32B3/14 B32B33/00 B65D57/00 B65D65/40 B65D81/34 H05B6/64 H05B6/80

CPC: Y10S99/14 Y10S229/903 B65D81/3453 B65D2581/3413 B65D2581/3466 B65D2581/3472 B65D2581/3494

European class: B65D81/34M1 L65D581/34H1F1 L65D581/34M4B L65D581/34M5A L65D581/34M7S

US class: 206/611 219/10.55E 219/10.55F 219/730 219/735 229/103 229/120.24 229/120.34 229/120.36 229/240 229/903 426/107 426/113 426/234 99/DIG.14

Classification Explorer

Cited documents: US5084601 A, US4943439 A, US4935592 A, US4933526 A, US4876427 A, US4870233 A, US4794005 A, US4780587 A, US4777053 A, US4748308 A, US4735513 A, US4642434 A, US4641005 A, US4626641 A, US4612431 A, US4594492 A, US4590349 A, US4589553 A, US4555605 A, US4474324 A, US4470538 A, US4398077 A, US4319680 A, US4272663 A, US4267420 A, US4230924 A, US4214515 A, US4196331 A, US4190757 A, US4121510 A, US4081646 A, US4036423 A, US3946187 A, US3943320 A, US3891775 A, US3483358 A, US3425845 A, US3411696 A, US3353968 A, US3325003 A, US3302632 A, US3300115 A, US3271169 A, US3027062 A, US2963198 A, US2917218 A, US2865768 A, US2830162 A, EP0242026 A2,

0) US6076659A – PACKAGING FOR SURGICAL SUTURE MATERIAL

25) Family number: 18870613 (US6076659A)

© PatBase

Title: Packaging for surgical suture material

Priority: DE19981002171 19980119 DE19996019418 19990114 US19980217317 19981221

Family:

Publication number	Publication date	Application number	Application date
DE69919418 D1	20040923	DE19996019418	19990114
DE69919418 T2	20050113	DE19996019418T	19990114
EP0931511 A1	19990728	EP19990250010	19990114
EP0931511 B1	20040818	EP19990250010	19990114
JP11253452 A2	19990921	JP19990009840	19990118
JP4159684 B2	20081001	JP19990009840	19990118
US6076659 A	20000620	US19980217317	19981221

Probable Assignee: ETHICON INC

Assignee(s):(std)**:** ETHICON GMBH ; ETHICON INC

Assignee(s): ETHICON GMBH AND CO KG

Inventor(s):(std)**:** BAUMGARTNER KARL HEINZ ; LIENHOEFT JOERG ; LIENHOFT JORG ; VAN DER WOLK KAY ; WOLK KAY VAN D

Designated states: DE GB

International class (IPC 8–9)**:** A61B17/06 A61B19/02 B65H49/00 (Advanced/Invention); A61B17/06 A61B19/00 B65H49/00 (Core/Invention)

International class (IPC 1–7)**:** A61B17/06 A61B19/02 B65H49/00

CPC: A61B17/06133

European class: A61B17/06P4

US class: 206/339 206/63.3 206/633

Classification Explorer

Cited documents: US5704469 A, US5628395 A, US5468252 A, US5462162 A, US5366081 A, US5350060 A, US5246104 A, US5222978 A, US5129511 A, US3972418 A, US3338401 A, EP0356211 A2, DE1466808 A1,

0) US2017065802A – THE INVENTION RELATES TO A DISPOSABLE LIQUID AP...

26) Family number: 60730378 (US2017065802A) © PatBase

Title: THE INVENTION RELATES TO A DISPOSABLE LIQUID APPLICATOR SACHET

Priority: NL20142012741 20140502 WO2015NL50295 20150430

Family:

Publication number	Publication date	Application number	Application date
EP3137149 A1	20170308	EP20150728202	20150430
NL2012741 B1	20160223	NL20142012741	20140502
US2017065802 AA	20170309	US20150308259	20150430
WO15167336 A1	20151105	WO2015NL50295	20150430

Probable Assignee: DAKLAPACK EUROPE BV

Assignee(s):(std)**:** DAKLAPACK EUROP BV ; DAKLAPACK EUROPE BV

Inventor(s):(std)**:** DAVE WILLEM KLAASSEN ; KLAASSEN DAVE WILLEM

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ

NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/40 A61M35/00 (Advanced/Invention)

CPC: A61M35/00 B65D75/5866 A61M35/003 A61M2207/00 A61M35/006

US class: 604/310

Classification Explorer

Cited documents: US2009241277 AA, US2007045341 AA, GB2339185 A1, EP0294189 A2,

0) US2550473A – PRESSURE SENSITIVE RECORD MATERIAL

27) Family number: 44418461 (US2550473A) © PatBase

Title: PRESSURE SENSITIVE RECORD MATERIAL

Priority:

US19480038547	19480713	US19480038548	19480713	US19500183533	19500907
US19500183532	19500907	US19500183531	19500907	US19480041756	19480731
US19500185154	19500915	US19500185153	19500915	US19500185152	19500915
US19500185151	19500915	US19500183534	19500907		

Family:

Publication number	Publication date	Application number	Application date
BE490053 A	19490730		00000000
BE490255 A	19490816		00000000
CH283442 A	19520615		00000000
CH284424 A	19520731		00000000
CH287576 A	19521215		00000000
DE851806 A	19521009		00000000
DE855998 A	19521117	DE1949P046154	19490618
FR994976 A	19511126		00000000
FR995128 A	19511128		00000000
FR995149 A	19511128		00000000
GB660502 A	19511107	GB19490015633	19490613
GB666437 A	19520213	GB19490016153	19490617
GB666438 A	19520213	GB19490016154	19490617
NL72381 C	19521215	NL19490147566	19490712
US2548364 A	19510410	US19480038547	19480713
US2548365 A	19510410	US19480038548	19480713
US2548366 A	19510410	US19480041756	19480731
US2550466 A	19510424	US19500183531	19500907
US2550467 A	19510424	US19500183532	19500907
US2550468 A	19510424	US19500183533	19500907
US2550469 A	19510424	US19500183534	19500907
US2550470 A	19510424	US19500185151	19500915
US2550471 A	19510424	US19500185152	19500915
US2550472 A	19510424	US19500185153	19500915
US2550473 A	19510424	US19500185154	19500915

Probable Assignee: NCR CO

Assignee(s):(std): NCR CO

Assignee(s):	THE NATIONAL CASH REGISTER COMPANY ; THE NATIONAL CASH REGISTER COMPANY DAYTON OHIO V ST A ; NATIONAL CASH REGISTER CO ; NATIONAL CASH REGISTER CO DAYTON OHIO V ST A
Inventor(s):(std)**:**	GREEN BARRETT K ; REGISTER CO NATIONAL ; REGISTER COMPANY THE NATIONAL ; SANDBERG ROBERT W
Inventor(s):	NATIONAL CASH REGISTER CO ; COMPANY THE NATIONAL CASH REGISTER
International class (IPC 8–9)**:**	B01J13/02 B41L1/36 B41M5/124 B41M5/132 B41M5/155 C09D11/02 (Advanced/Invention); B01J13/02 B41L1/00 B41M5/124 B41M5/132 B41M5/155 C09D11/02 (Core/Invention)
CPC:	Y10S101/29 C09D11/037 B41L1/36 B41M5/124 B41M5/132 Y10T428/258 Y10T428/259 Y10T428/249995 B01J13/025 Y10T428/31765 B41M5/1555
European class:	B01J13/02M B41L1/36 B41M5/124 B41M5/132 B41M5/155B C09D11/037
US class:	101/DIG.29 411/335 427/149 427/152 427/336 427/382 428/321.1 428/330 428/331 428/454 428/477.7 428/702 462/69 503/210 503/211 503/212 503/213 503/214 503/218 503/219 503/220 503/225 8/102
Classification Explorer	
Cited documents:	US2374862 A, US2299694 A, US2299693 A, US2168098 A, US1781902 A,

0) US2013320660A – FLYER ASSEMBLY AND RELATED METHODS

28) Family number: 55303898 (US2013320660A) © PatBase

Title:	FLYER ASSEMBLY AND RELATED METHODS
Priority:	US20120655468P 20120604 US20130910074 20130604

Family:

Publication number	Publication date	Application number	Application date
US2013320660 AA	20131205	US20130910074	20130604
WO13184725 A1	20131212	WO2013US44178	20130604

Probable Assignee:	AVERY DENNISON CORP
Assignee(s):(std)**:**	AVERY DENNISON CORP
Inventor(s):(std)**:**	ABRAMOWITZ MARK ; GRUBER MELISSA ; SATO JAY K ; SCHROEDER SUSANNA L
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9)**:**	B42D15/00 G09F3/10 (Advanced/Invention)
CPC:	B42D15/00 B42C3/00 B42D5/002 G06Q30/02 Y10T156/1056
US class:	156/249 156/252 283/56
Classification Explorer	
Cited documents:	US6248414 BA, US5769403 A, US5282649 A, US3193307 A, US2011115207 AA, US2010115814 AA, US2007114784 AA, US2004015404 AA, JP2005111871 A2,

0) US6255947B – THEFT DETECTING TAG

29) Family number: 12856947 (US6255947B) © PatBase

Title: Theft detecting tag

Priority: JP19980042194 19980224 JP19980325272 19981116

Family:

Publication number	Publication date	Application number	Application date
DE69926424 D1	20050908	DE19996026424	19990118
DE69926424 T2	20060524	DE19996026424T	19990118
EP0938069 A2	19990825	EP19990100800	19990118
EP0938069 A3	20001122	EP19990100800	19990118
EP0938069 B1	20050803	EP19990100800	19990118
JP11312277 A2	19991109	JP19980325272	19981116
JP3470619 B2	20031125	JP19980325272	19981116
US6255947 BA	20010703	US19990233048	19990119

Probable Assignee: MITSUBISHI MATERIALS CORP

Assignee(s):(std)**:** MITSUBISHI MATERIALS CORP

Assignee(s): MITSUBISHI MATERIALS CORP TOKIO TOKYO

Inventor(s):(std)**:** ENDO TAKANORI ; ISHIYAMA KOUICHI ; MIYAKE MASAMI ; MORI TOMOHIRO ; OSAWA SHIGEYUKI ; ISHIYAMA KOICHI

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

International class (IPC 8–9)**:** G07G1/00 G08B13/00 G08B13/24 G08B23/00 (Advanced/Invention); G07G1/00 G08B13/00 G08B13/24 G08B23/00 (Core/Invention)

International class (IPC 1–7)**:** G07G1/00 G08B13/00 G08B13/14 G08B13/24 G08B23/00

CPC: G08B13/2414 G08B13/2434 G08B13/2437 G08B13/2448 G08B13/2477

European class: G08B13/24B1G G08B13/24B3H G08B13/24B3M G08B13/24B3U G08B13/24B7A3

US class: 235/375 235/7R 340/568.1 340/568.7 340/570 340/571 340/572.1 340/572.5

Classification Explorer

Cited documents: WO9212503 A1, US6018298 A, US5936527 A, US5689238 A, US5485143 A, US5083111 A, US4021807 A, US3913087 A, US3828341 A, JP56048484, JP53009139, JP5274561, JP52096898, JP2171892, JP11242785, EP0712102 A1,

0) US5915733A – BUSINESS FORM INCORPORATING A REMOVABLE IDENTIF...

30) Family number: 11614001 (US5915733A) © PatBase

Title: Business form incorporating a removable identification card

Priority: CA19972224377 19971208 US19960760947 19961209

Family:

Publication number	Publication date	Application number	Application date
CA2224377 AA	19980609	CA19972224377	19971208
US5915733 A	19990629	US19960760947	19961209

Probable Assignee: STANDARD REGISTER CO

Assignee(s):(std)**:** STANDARD REGISTER CO ; UARCO INC

Assignee(s): BANK OF AMERICA NA ; MAYNARD GERARD J ; SCHNITZER DAVID H

Inventor(s):(std)**:** MAYNARD GERARD J ; SCHNITZER DAVID H

International class (IPC 8–9)**:** B42D15/00 B42D15/10 B42D25/23 B42D25/465 B42D5/02 (Advanced/Invention); B42D5/00 (Core/Invention)

B42D15/00 B42D15/10

International class (IPC 1–7):

CPC: B42D5/027

European class: B42D5/02C4

US class: 283/107 283/108 283/109 283/110 283/67 283/74 283/75

Classification Explorer

Cited documents: US5756175 A, US5667247 A, US5660896 A, US5632511 A, US5595403 A, US5573825 A, US5562789 A, US5529345 A, US5522956 A, US5509693 A, US5482753 A, US5482328 A, US5466013 A, US5464254 A, US5439255 A, US5427832 A, US5413830 A, US5410136 A, US5403236 A, US5376418 A, US5352155 A, US5351426 A, US5346739 A, US5320387 A, US5279875 A, US5271787 A, US5161687 A, US5139836 A, US5131686 A, US5129682 A, US5098759 A, US5096229 A, US5011559 A, US4854610 A, US4661189 A, US4528055 A, US4526405 A, US4506371 A, US4505770 A, US4479838 A, US4394904 A, US4379573 A, US4359358 A, US4307526 A, US4281762 A, US4208235 A, US33727 A, US29127 A,

0) US2010007131A – DISPLAY APPARATUS FOR FILE INDEX

31) Family number: 44230607 (US2010007131A)

© PatBase

Title: DISPLAY APPARATUS FOR FILE INDEX

Priority: US20080218034 20080709 US20080218075 20080709 WO2009US50109 20090709 US20090003524 20090709

Family:

Publication number	Publication date	Application number	Application date
US2010007131 AA	20100114	US20080218034	20080709
US2010009110 AA	20100114	US20080218075	20080709
US2011192120 AA	20110811	US20090003524	20090709
US7854081 BB	20101221	US20080218034	20080709
US8533984 BB	20130917	US20090003524	20090709
WO10006171 A2	20100114	WO2009US50109	20090709
WO10006171 A3	20100408	WO2009US50109	20090709

Probable Assignee: FIRSTMERIT BANK NA

Assignee(s):(std): FLYNN PATRICK J ; FLYNN THOMAS E ; FLYNN TIMOTHY J ; HERMANSON NEAL ; SOLBERG STEVE ; REVELL PHIL

Assignee(s): FIRSTMERIT BANK NA

Inventor(s):(std): FLYNN PATRICK J ; FLYNN THOMAS E ; FLYNN TIMOTHY J ; HERMANSON NEAL ; REVELL PHIL ; SOLBERG STEVE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B32B33/00 B42D15/00 B42F21/02 B65B1/04 B65D37/00 G09F23/10 G09F3/02 G09F3/18 (Advanced/Invention); B32B33/00 B42D15/00 B42F21/00 B65D37/00 G09F3/02 (Core/Invention)

CPC: B42F21/00 B65D5/2057 B65D5/4225 G09F3/02 B42F21/025 G09F3/10 Y10T428/1495

European class: B42F21/00 B42F21/02B B65D5/20E1 B65D5/42E1C G09F3/02 G09F3/10

US class: 229/102.5 229/67.4 229/67.400S 283/81 283/81P 40/641 40/641S 428/42.3 53/467 53/467P

Classification Explorer

Cited documents: US7854081 BB, US6138900 A, US6108953 A, US5966852 A, US2010009110 AA, US2008078818 AA, US2004149603 AA, US2003126779 AA, KR200260070 Y1, KR200260070, EP0876928 A1, EP08769128,

0) US3945870A – METHOD OF MAKING MULTI–LAYER COMPOSITE AND ARTI...

32) Family number: 6997759 (US3945870A) © PatBase

Title: METHOD OF MAKING MULTI–LAYER COMPOSITE AND ARTICLES THEREFROM

Priority: US19730382162 19730724 US19750613546 19750915

Family:

Publication number	Publication date	Application number	Application date
AU197471503 A1	19760122	AU19740071503	19740722
CA1026790 A1	19780221	CA19740205161	19740719
DE2435049 A1	19750213	DE19742435049	19740720
GB1472304 A	19770504	GB19740031909	19740718
JP50044800 A2	19750422	JP19740047051	19740425
US3945870 A	19760323	US19730382162	19730724
US4116470 A	19780926	US19770767945	19770131

Probable Assignee: JOHNSEN E

Assignee(s):(std)**:** JOHNSEN E ; JOHNSEN E L ; JOHNSEN EDWARD L

Assignee(s): JOHNSEN EDWARD L WAYLAND MASS V ST A ; JOHNSEN EL

Inventor(s):(std)**:** JOHNSEN EDWARD L

Inventor(s): JOHNSEN EDWARD L WAYLAND MASS V ST A ; EDWARD L JOHNSEN

International class (IPC 8–9): A63F3/06 B29C55/00 B29C65/00 B29C65/52 B29C65/78 B41L1/22 B42D1/10 B42D15/00 B42D15/10 B42D5/00 B42D5/02 (Advanced/Invention); A63F3/06 B29C55/00 B29C65/00 B29C65/52 B29C65/78 B41L1/00 B42D1/00 B42D15/00 B42D15/10 B42D5/00 (Core/Invention)

International class (IPC 1–7): B29C27/10 B31D1/00 B32B3/04 B32B3/08 B32B31/14 B32B7/04 B41L1/22 B42D11/00 B42D15/00 B42D5/00 G07B1/00 G09F1/10 G09F3/02

CPC: A63F3/0665 B42D1/10 B42D15/00 Y10S283/90 Y10S283/903 B42D5/002 A63F3/069 B41L1/22 B42D5/02 Y10T156/101 Y10T156/1064 Y10T156/1084 Y10T156/1095 Y10T428/24215 Y10T428/24802

European class: A63F3/06F2 A63F3/06F6 B41L1/22 B42D1/10 B42D15/00 B42D5/00A2 B42D5/02

US class: 156/201 156/249 156/257 156/269 156/277 156/278 156/289 156/290 156/301 283/103 283/66.2 283/66A 283/900 283/903 428/124 428/195.1

Classification Explorer

Cited documents: US3840421 A, US3749631 A, US3740879 A, US3720130 A, US3711353 A, US3669555 A, US3546053 A, US3106506 A, US2108749 A, US1982611 A,

0) US2007134302A – ANTIMICROBIAL SUBSTRATES WITH PEROXIDE TREATMEN...

33) Family number: 34552856 (US2007134302A) © PatBase

Title: ANTIMICROBIAL SUBSTRATES WITH PEROXIDE TREATMENT

Priority: US20050301546 20051213 US20070847976 20070830 WO2006US43031 20061103

Family:

Publication number	Publication date	Application number	Application date
CA2631224 AA	20080527	CA20062631224	20061103
EP1959734 A2	20080827	EP20060836913	20061103
JP2009519102 T2	20090514	JP20080545595T	20061103
US2007134302 AA	20070614	US20050301546	20051213
US2008138373 AA	20080612	US20070847976	20070830
US8778386 BB	20140715	US20070847976	20070830
WO07070184 A2	20070621	WO2006US43031	20061103
WO07070184 A3	20080731	WO2006US43031	20061103
WO09027866 A2	20090305	WO2008IB52512	20080624
WO09027866 A3	20090522	WO2008IB52512	20080624

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BAGWELL ALISON S ; BAGWELL ALISON SALYER ; KIMBERLY CLARK CO ; KOENIG DAVID W ; LIU KOU CHANG ; YAHIAOUI ALI

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGWELL ALISON S ; BAGWELL ALISON SALYER ; KOENIG DAVID W ; LIU KOU CHANG ; YAHIAOUI ALI

Inventor(s): KOENIG DAVID ; BAGWELL ALISON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A01N25/18 A01N25/34 A01N31/00 A01N59/00 A01P1/00 A41D13/12 A41D19/00 A47K7/00 A61F13/00 A61K33/40 A61K9/70 A61L2/16 (Advanced/Invention); A01N25/18 A01N25/34 A01N31/00 A01N59/00 A01P1/00 A47K7/00 A61F13/00 A61K33/40 A61K9/70 (Core/Invention)

CPC: A61L2/23 A61L2/232 A61K33/40 A01N25/34

European class: A01N25/34 A61K33/40 A61L2/23 A61L2/232

US class: 424/414 424/414P 424/443 424/616 514/714 514/714S

Classification Explorer

Cited documents: WO9952362 A1, WO9821305 A1, WO9821220 A2, WO9810737 A1, WO9531102 A1, WO06040067 A1, US6887350 BB, US6805965 BB, US6727004 BB, US6582558 BA, US6576087 BA, US6511580 BA, US6432270 BA, US6387379 BA, US6136775 A, US5993839 A, US5906823 A, US5813398 A, US5725867 A, US5628876 A, US5624790 A, US5620527 A, US5595628 A, US5566724 A, US5554467 A, US5553608 A, US5527171 A, US5514523 A, US5500277 A, US5496624 A, US5487896 A, US5431786 A, US5389202 A, US5383450 A, US5334289 A, US5328565 A, US5322061 A, US5275700 A, US5261421 A, US5260171 A, US5183901 A, US5180605 A, US5133090 A, US5098522 A, US5031245 A, US5020533 A, US5008093 A, US4969457 A, US4853978 A, US4847089 A, US4835019 A, US4818464 A, US4802473 A, US4793898 A, US4781974 A, US4654208 A, US4640810 A, US4594130 A, US4528239 A, US4514345 A, US4494278 A, US4375448 A, US4259383 A, US4100324 A, US4059678 A, US3903244 A, US3755185 A, US3649194 A, US3585104 A, US3480557 A, US3376110 A, US2008033091 AA, US2007134302 AA, US2006051384 AA, US2005137540 AA, US2004151919 AA, US2004009210 AA, US2004009141 AA, US2003235605 AA, US2002142690 AA, JP11313790 A2, EP1133982 A2, EP1034801 A1, EP0831056 A2, EP0728181 B1, EP0700428 B1, EP0467869 B1, EP0463202 A1, EP0456627 B1, EP0447582 A1, EP0429224 A1, EP0350147 B1, EP0346835 A2, EP0300814 B1, EP0288419 A1, EP0284132 B1, EP0256369 A2, EP0173450 A2, EP0002594 B1,

0) US2006013512A – FOLDABLE BLANK IN USE WITH A BAG MATERIAL FOR S...

34) Family number: 32565719 (US2006013512A) © PatBase

Title: FOLDABLE BLANK IN USE WITH A BAG MATERIAL FOR SECURING AND RETAINING ARTICLES OF EVIDENCE IN TAMPER–EVIDENT FASHION

Priority: US20040891347 20040714 US20050294827 20051206 US20080023792 20080131 US20090417253 20090402 US20110104627 20110510

Family:

Publication number	Publication date	Application number	Application date
US2006013512 AA	20060119	US20040891347	20040714
US2006072855 AA	20060406	US20050294827	20051206
US2008181538 AA	20080731	US20080023792	20080131
US2009196532 AA	20090806	US20090417253	20090402
US2011210031 AA	20110901	US20110104627	20110510
US8142075 BB	20120327	US20080023792	20080131
US8142076 BB	20120327	US20090417253	20090402
WO09097629 A2	20090806	WO2009US38899	20090331
WO09097629 A3	20100114	WO2009US38899	20090331
WO09097629 A8	20091119	WO2009US38899	20090331

Probable Assignee: SHAW RAYMOND R

Assignee(s):(std)**:** SHAW RAYMOND R

Inventor(s):(std)**:** SHAW RAYMOND R

Inventor(s): SHAW RAYMOND

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9)**:** B65D1/34 B65D30/10 B65D33/00 B65D33/01 B65D33/02 B65D33/06 B65D33/08 B65D33/14 B65D33/16 B65D33/18 B65D33/20 B65D33/34 B65D43/18 B65D85/00 (Advanced/Invention); B65D1/34 B65D30/10 B65D33/00 B65D33/01 B65D33/02 B65D33/06 B65D33/14 B65D33/16 B65D33/18 B65D33/34 (Core/Invention)

CPC: B65D33/1691 B65D33/34 B65D5/4204 B65D5/4233 B65D5/46096 B65D2101/00 G09F3/0341 B65D75/14 B65D75/20 B65D75/566 B65D85/18

European class: B65D33/16H B65D33/34 B65D5/42B B65D5/42E2 B65D5/46B2A B65D75/14 B65D75/20 B65D75/56C G09F3/03A5 L65D101/00 L65D85/18

US class: 206/459.5 206/459.500P 206/554 220/810 220/810S 383/10 383/102 383/102S 383/10S 383/15 383/15S 383/205 383/205S 383/211 383/211S 383/34 383/34S 383/5 383/5P 383/78

Classification Explorer

Cited documents: US7717319 BB, US7614542 BB, US7510080 BB, US7267261 BB, US6886980 BA, US6860421 BB, US6471123 BA, US6468611 BA, US6446861 BA, US6408008 BA, US6338572 BA, US6296388 BA, US6171260 BA, US6164821 A, US6126000 A, US6085903 A, US6048008 A, US6047883 A, US5957583 A, US5935847 A, US5897210 A, US5758971 A, US5743392 A, US5606846 A, US5582343 A, US5507428 A, US5503328 A, US5422067 A, US5407277 A, US5364189 A, US5290104 A, US526799 A, US5265794 A, US5186900 A, US5148970 A, US5135313 A, US5108194 A, US5103979 A, US5060848 A, US4961503 A, US4948266 A, US4874096 A, US4826004 A, US4752028 A, US4750609 A, US4655388 A, US4653113 A, US4614297 A, US4580683 A, US4573634 A, US4566129 A, US4518115 A, US4479588 A, US4384670 A, US4175604 A, US4066167 A, US3865304 A, US3806984 A, US376005 A, US3706410 A, US3460742 A, US3451535 A, US3309008 A, US3255871 A, US3203621 A, US3142436 A, US3087669 A, US2998180 A, US2810510 A, US2437072 A, US2385576 A,

US2192131 A, US2175387 A, US2010252618 AA, US2007140597 AA, US2006144909 AA, US2006013512 AA, US2005284776 AA, US2005145683 AA, US2005117819 AA, US2004067326 AA, US2004007867 AA, US2003075593 AA, US2002164088 AA, US2001022318 AA, US1987751 A, US1984611 A, US1955310 A, KR200296792 Y1, KR200296792, JP3100478 U, JP3100478 A2,

0) WO9746458A1 – TWO–WAY MAILER WITH INTEGRAL RETURN MAILER ENVE...

35) Family number: 10341438 (WO9746458A1) © PatBase

Title: TWO–WAY MAILER WITH INTEGRAL RETURN MAILER

Priority: US19960658409 19960605 WO1997US09251 19970530

Family:

Publication number	Publication date	Application number	Application date
AU199732212 A1	19980105	AU19970032212	19970530
WO9746458 A1	19971211	WO1997US09251	19970530

Probable Assignee: BENDEL BRUCE N

Assignee(s):(std)**:** BENDEL BRUCE N

Assignee(s): BRUCE N BENDEL

Inventor(s):(std)**:** BENDEL BRUCE N

Inventor(s): BRUCE N BENDEL

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN YU

International class (IPC 8–9): B42D5/02 B65D27/06 B65D27/34 (Advanced/Invention); B42D5/00 B65D27/00 B65D27/06 (Core/Invention)

International class (IPC 1–7): B65D27/06 B65D27/34

CPC: B42D5/026 B65D27/06 B65D27/34

European class: B42D5/02C2B B65D27/06 B65D27/34

Classification Explorer

Cited documents: US4896823 A, US3419286 A, US3229893 A, US3184150 A, US2270455 A,

0) US2007056873A – BLISTERED RAPID DIAGNOSTIC TEST WITH INCORPORAT...

36) Family number: 31153438 (US2007056873A) © PatBase

Title: BLISTERED RAPID DIAGNOSTIC TEST WITH INCORPORATED MOISTURE ABSORBENT MATERIAL

Priority: ES20040001045 20040430 ES20040001085 20040506 WO2005ES00235 20050429 US20060588985 20061027 US20090577445 20091012

Family:

Publication number	Publication date	Application number	Application date
AT399321 E	20080715	AT20050747153T	20050429
DE602005007736 D1	20080807	DE200560007736T	20050429
EP1754971 A1	20070221	EP20050747153	20050429
EP1754971 B1	20080625	EP20050747153	20050429
ES2212928 AA	20040801	ES20040001045	20040430
ES2212928 BB	20050501	ES20040001045	20040430
ES2214162 AA	20040901	ES20040001085	20040506
ES2214162 BA	20051101	ES20040001085	20040506
US2007056873 AA	20070315	US20060588985	20061027
US2010025266 AA	20100204	US20090577445	20091012
WO05106470 A1	20051110	WO2005ES00235	20050429

Probable Assignee: CERTEST BIOTEC S L

Assignee(s):(std)**:** ASIN CARLOS G ; CERTEST BIOTEC S L ; CERTEST BIOTEC SL ; ELORZ OSCAR L ; GENZOR ASIN CARLOS ; LANDETA ELORZ OSCAR

Inventor(s):(std)**:** ASIN CARLOS G ; ELORZ OSCAR L ; GENZOR ASIN CARLOS ; LANDETA ELORZ OSCAR

Inventor(s): ASIN CARLOS ; ELORZ OSCAR LANDETA ; ASIN CARLOS GENZOR ; ELORZ OSCAR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61B10/00 A61J1/03 B01L3/00 B65D73/00 B65D75/32 B65D75/34 B65D75/36 B65D81/26 G01N33/50 G01N33/53 G01N33/558 (Advanced/Invention); A61B10/00 A61J1/00 B01L3/00 B65D73/00 B65D75/28 B65D81/26 G01N33/50 G01N33/53 G01N33/558 (Core/Invention)

International class (IPC 1–7): A61J1/03 B65D75/34 B65D75/36 B65D81/26 G01N33/50 G01N33/53

CPC: A61B10/0035 B01L3/5023 B01L2300/0825 B01L2300/105 B65D75/327 B65D2575/3227 G01N33/558 B01L2200/18 A61J1/035 B65D75/34 B65D75/36 G01N33/53

European class: A61B10/00E A61J1/03B B01L3/5023 B65D75/32D3 B65D75/36 G01N33/53 G01N33/558 L01L200/18 L01L300/08B10 L01L300/10A L65D575/32Y1B

US class: 206/204 206/461

Classification Explorer

Cited documents: WO9732663 A1, US7445142 BB, US6319466 BA, US6265041 BA, US6231815 BA, US6090347 A, US5962333 A, US5863800 A, US5720924 A, US5712170 A, US5645527 A, US5562211 A, US5358118 A, US5238652 A, US5133477 A, US4666040 A, US4235601 A, US4013566 A, US2147384 A, US2012405 A, US2007160789 AA, US2004004014 AA, US2002104773 AA, US2002076828 AA, GB2389355 A1, FR2660634 A1, ES2178077 T3, ES2178077, ES2138890 AA, ES2101526 T3, ES2101526,

0) US3900219A – DOCUMENT HAVING A CONCEALED MARKING AND METHOD ...

37) Family number: 1162311 (US3900219A)

© PatBase

Title: DOCUMENT HAVING A CONCEALED MARKING AND METHOD OF MAKING SAME

Priority: US19730353467 19730423

Family:

Publication number	Publication date	Application number	Application date
US3900219 A	19750819	US19730353467	19730423

Probable Assignee: AMERICAN BANK NOTE CO

Assignee(s):(std)**:** AMERICAN BANK NOTE CO

Assignee(s): AMERICAN BANK NOTE COMPANY ; CITIBANK NA ; EIDETIC IMAGES INC ; HORSHAM HOLDING CO INC ; MELLON BANK NA A NATIONAL BANKING ASSOCIATION ONE ; INT BANKNOTE CO INC ; OLD DOMINION FOILS CO INC ; MELLON BANK NA A NATIONAL BANKING ASSOCIATION ; ABN DEVELOPMENT CORP ; ABN SECURITIES SYSTEMS INC

Inventor(s):(std)**:** D AMATO SALVATORE F ; KIMBALL JOHN J ; LEDNICER OLIVER

International class (IPC 8–9): A63F3/06 B44F1/12 (Advanced/Invention); A63F3/06 B44F1/00 (Core/Invention)

International class (IPC 1–7): B42D15/00

CPC: Y10S283/901 Y10S283/903 A63F3/069

European class: A63F3/06F6

US class: 273/139 283/101 283/105 283/6 283/901 283/903

Classification Explorer

Cited documents: US897783 A, US700761 A, US3221427 A, US3214075 A, US3075791 A, US3040472 A, US2109603 A, US1640684 A,

0) US2005195411A – SYSTEM AND METHOD FOR MEASURING THE PERMEABILIT...

38) Family number: 32218176 (US2005195411A) © PatBase

Title: SYSTEM AND METHOD FOR MEASURING THE PERMEABILITY OF A MATERIAL

Priority: US20040551455P 20040308 US20040854338 20040526

Family:

Publication number	Publication date	Application number	Application date
US2005195411 AA	20050908	US20040854338	20040526
US7224447 BB	20070529	US20040854338	20040526

Probable Assignee: PICARRO INC

Assignee(s):(std)**:** PHILIP MORRIS PROD ; PHILIP MORRIS USA INC

Assignee(s): PICARRO INC ; PHILIP MORRIS PRODUCTS S A ; PHILIP MORRIS PRODUCTS SA

Inventor(s):(std)**:** ALEXANDER BOGDAN N ; HAUPKE TINO ; OLSCHLAGER RONALD ; RUDOLPH KENNETH E JR ; RUDOLPH JR KENNETH E ; OELSCHLAEGER RONALD ; HAEUPKE TINO

Inventor(s): RUDOLPH KENNETH EJR ; RUDOLPH KENNETH E ; RUDOLPH ; RUDOLPH KENNETH ; JR KENNETH E ; ALEXANDER BOGDAN

International class (IPC 8–9): G01B11/00 G01N21/00 (Advanced/Invention); G01B11/00 G01N21/00 (Core/Invention)

International class (IPC 1–7): G01B11/00

CPC: G01N15/08 G01N21/8901 G01N21/894 G01N2021/8917 G01N2015/0846

European class: G01N21/894 G01N21/89B S01N21/89K5

US class: 356/238.1 356/238.2 356/626 356/626P

Classification Explorer

Cited documents: US6403966 BA, US6049057 A, US6025572 A, US5404889 A, US5367144 A, US5341824 A, US5092350 A, US4916272 A, US4569359 A, US4537206 A, US4501953 A, US4439663 A, US4410785 A, US4390032 A, US4383435 A, US4297559 A, US4281670 A, US4265254 A, US4247754 A, US4246775 A, US4224498 A, US4224497 A, US4219727 A, US4218606 A, US4205769 A, US4025752 A, US3361029 A, US2528158 A, US2003137647 AA, GB1604467 A, GB1588980 A, FR2416461 A1, EP0056223 A2, DE4421962 C1, DE4302137 A1, DE19616018 A1, DE10251610 A1,

0) US3905474A – PACKING DEVICE

39) Family number: 18814466 (US3905474A) © PatBase

Title: Packing device

Priority: JP19720104195U 19720906

Family:

Publication number	Publication date	Application number	Application date
CA1026279 A1	19780214	CA19730180288	19730905
DE2344824 A1	19740314	DE19732344824	19730905
FR2198458 A5	19740329	FR19730032192	19730906
GB1438780 A	19760609	GB19730040950	19730830
JP49059985 U1	19740527	JP19720104195U	19720906
JP52022543 Y2	19770524	JP19720104195U	19720906
US3905474 A	19750916	US19730392425	19730829

Probable Assignee: SONY CORP

Assignee(s):(std)**:** SONY CORP

Assignee(s): SONY CORP JA ; HAIBARA KENICHIRO

Inventor(s):(std)**:** HAIBARA KENICHIRO ; KENICHIRO HAIBARA

International class (IPC 8–9)**:** B65D65/16 B65D75/28 B65D75/30 B65D75/42 B65D75/52 B65D85/62 (Advanced/Invention); B65D85/68 (Advanced/Non–invention); B65D65/02 B65D75/00 B65D75/28 B65D75/52 B65D85/62 (Core/Invention); B65D85/68 (Core/Non–invention)

International class (IPC 1–7)**:** A47F3/00 B65D33/04 B65D65/16 B65D65/44 B65D67/00 B65D73/00 B65D75/28 B65D75/30 B65D75/36 B65D75/42 B65D79/00 B65D81/04 B65D85/00 B65D85/54 B65D85/62

CPC: B65D75/30 B65D75/42 B65D75/52 B65D2585/6842

European class: B65D75/30 B65D75/42 B65D75/52 L65D585/68Y3C

US class: 206/45.24 206/461 206/770

Classification Explorer

Cited documents: US3334734 A, US3298506 A, US3111223 A, US2707553 A, US2697546 A, US2026626 A, US1929217 A,

0) US2007200336A – EXPANDABLE BUSINESS CARD

40) Family number: 35854220 (US2007200336A) © PatBase

Title: EXPANDABLE BUSINESS CARD

Priority:

CA20112747877	20110729	CA20122766740	20120203	US20060365071	20060228
US20080052377P	20080512	US20090464740	20090512	US20090238575P	20090831
US20100768671	20100427	US20100846834	20100730	US20100873031	20100831
US20110021608	20110204	US20100846835	20100730	US20110164557	20110620
US20110167690	20110623	US20100777810	20100511	WO2010US34561	20100512
WO2010US47367	20100831	WO2011US34194	20110427	WO2011US46120	20110801
WO2011US46122	20110801	US20140165246	20140127		

Family:

Publication number	Publication date	Application number	Application date
AU2011248608 AA	20111110	AU20110248608	20110427
AU2011283639 AA	20120202	AU20110283639	20110801
CA2747877 AA	20120130	CA20112747877	20110729
CA2761898 AA	20101118	CA20102761898	20100512
CA2766740 AA	20120804	CA20122766740	20120203
CA2772624 AA	20110303	CA20102772624	20100831
CA2797845 AA	20111110	CA20112797845	20110427
CA2807129 AA	20130130	CA20112807129	20110801
CA2807137 AA	20130130	CA20112807137	20110801
CA2854347 AA	20150727	CA20142854347	20140616
CN102640180 A	20120815	CN201080049345	20100831
CN103038066 A	20130410	CN201180031759	20110427
CN103313859 A	20130918	CN201180047408	20110801
EP2430608 A2	20120321	EP20100775477	20100512
EP2430608 A4	20140723	EP20100775477	20100512
EP2473960 A1	20120711	EP20100812766	20100831
EP2563601 A2	20130306	EP20110777977	20110427
EP2598344 A2	20130605	EP20110813304	20110801
IN00676MN2012 A	20130125	IN2012MN00676	20120316
IN09240CN2011 A	20130315	IN2011CN09240	20111212
IN10015CN2012 A	20140509	IN2012CN10015	20121127
JP2012164312 A2	20120830	JP20120022221	20120203
JP2012527051 T2	20121101	JP20120510979T	20100512
JP2013503405 T2	20130131	JP20120527102T	20100831
JP2013530065 T2	20130725	JP20130508224T	20110427
US2007200336 AA	20070830	US20060365071	20060228
US2010017278 AA	20100121	US20090464740	20090512
US2010269380 AA	20101028	US20100768671	20100427
US2010314276 AA	20101216	US20100777810	20100511
US2011025037 AA	20110203	US20100846834	20100730
US2011124390 AA	20110526	US20110021608	20110204
US2011125607 AA	20110526	US20100873031	20100831
US2012015117 AA	20120119	US20110164557	20110620
US2012018501 AA	20120126	US20110167690	20110623
US2012027965 AA	20120202	US20100846835	20100730
US2014163706 AA	20140612	US20140165246	20140127
US7703808 BB	20100427	US20060365071	20060228
US8104795 BB	20120131	US20100768671	20100427
US8577735 BB	20131105	US20090464740	20090512
US8616434 BB	20131231	US20100846834	20100730

US8622741 BB	20140107	US20100846835	20100730
US8639573 BB	20140128	US20110021608	20110204
WO07100359 A1	20070907	WO2006US39939	20061012
WO10132575 A2	20101118	WO2010US34561	20100512
WO10132575 A3	20111006	WO2010US34561	20100512
WO11026123 A1	20110303	WO2010US47367	20100831
WO11139793 A2	20111110	WO2011US34194	20110427
WO11139793 A3	20120119	WO2011US34194	20110427
WO12016238 A2	20120202	WO2011US46120	20110801
WO12016238 A3	20121129	WO2011US46120	20110801
WO12016239 A2	20120202	WO2011US46122	20110801
WO12016239 A3	20120315	WO2011US46122	20110801
WO12177806 A1	20121227	WO2012US43406	20120620
WO12177959 A1	20121227	WO2012US43666	20120622

Probable Assignee: WILOPEN PRODUCTS LC

Assignee(s):(std)**:** KRAMER GORDON ; KRAMER GORDON M ; RICHARD WILEN ; WILEN KEVIN ; WILEN RICHARD ; WILOPEN PRODUCTS LC ; WILOPEN PRODUCTS LLC

Inventor(s):(std)**:** WILEN RICHARD ; WILEN KEVIN ; RICHARD WILEN ; KRAMER GORDON M ; KRAMER GORDON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A63F13/12 A63F13/30 A63F13/80 A63F9/06 A63F9/10 A63F9/24 B42D1/00 B42D15/00 B42D15/02 B42D15/04 B42D15/08 B42D15/10 B42D5/00 B42D5/02 B44C1/00 B44C1/16 B44C1/28 B65B61/02 B65D27/00 B65D27/06 B65D5/36 B65D75/04 B65D77/28 B65D85/00 F16B2/00 G06F17/40 G06Q30/00 G06Q30/02 G06Q30/06 G06Q40/00 G06Q40/02 G06Q50/10 G06Q90/00 G07F17/32 G09B25/00 G09F1/00 G09F1/04 G09F3/00 G09F3/02 H04L12/16 (Advanced/Invention); G06Q40/04 (Advanced/Non–invention); B42D15/00 G06Q30/00 (Core/Invention)

CPC: B42D15/027 B42D15/042 G09F1/04 G09F23/10 B42D25/285 B42D5/025 B42D5/027 B42D15/08 B42P2241/22 G06Q30/02 A63F9/1011 A63F9/1044 A63F2009/1027 G07F17/32 G07F17/3227 G07F17/3244 G07F17/3255 G07F17/3295 G06Q30/06 G06Q40/02 G06Q40/04 G06Q30/0218 G06Q30/0254 G06Q30/0601 G07F17/323 G06Q30/0242 G06Q30/0209 B42D15/04 G06Q30/0621 G06Q30/0641 G06Q99/00 B42D15/045 B65D5/0254 B65D5/46016 B65D81/365

European class: A63F9/10B A63F9/10D B42D15/02E B42D15/04B B42D15/04C B42D15/08 B42D5/02C2 B42D5/02C4 B65D5/02F B65D5/46A1 B65D81/36D G06Q30/02 G06Q30/0218 G06Q30/0254 G06Q30/0601 G06Q30/0621 G06Q30/0641 G06Q99/00 G07F17/32 G07F17/32E2 G07F17/32K G07F17/32K10 G07F17/32P8 G09F1/04 G09F23/10 K63F9/10C1A L42D15/04 L42D37/10 L42P241/22

US class: 206/459.5 206/459.500P 206/495 206/495S 229/300 229/301 229/67.3 229/68.1 229/68.100P 229/68.100S 229/70 229/92.1 229/92.8 229/92.800S 281/15.1 281/15.100S 281/3.1 281/5 283/56 283/56P 283/71 283/71S 283/74 40/124.01 40/124.010S 40/124.06 40/124.12 40/124.120P 40/124.19 40/124.190S 40/299.01 40/299.010S 428/33 428/33P 428/7 428/7P 434/80 463/42 463/42S 463/9 463/9P 53/411 53/411S 700/92 705/1.1 705/14.1 705/14.14 705/14.18 705/14.19 705/14.2 705/14.200P 705/14.27 705/14.28 705/14.39 705/14.4 705/14.41 705/14.52 705/14.520S 705/14.64 705/14.71 705/14.73 705/26.1 705/26.100S 705/26.43 705/26.5 705/26.500P 705/26.8 705/27 705/27.1 705/27.100S 705/27S 705/37 705/39 705/500 705/500S

Classification Explorer

Cited documents: WO11026123 A1, WO10132575 A2, WO08033509 A2, WO07092057 A1, WO0167364 A1, US930290 A, US867613 A, US8616434 BB, US8602297 BB, US8544720 BB, US8245904 BB, US7841515 BB, US780867 A, US7739197 BB, US7610224 BB, US7409788 BB, US7384669 BB, US7370076 BB, US7315828 BA, US7303121 BB, US7209889 BA, US7204048 BB, US7188762 BB, US7182667 BB, US7133838 BB,

US7097893 BB, US7056121 BB, US6922673 BB, US6896520 BB, US6883985 BB, US6754636 BA, US6752427 BA, US6746052 BA, US6732544 BA, US6732459 BA, US6725587 BB, US6601755 BB, US6493970 BA, US6470608 BA, US6409079 BA, US6330544 BA, US6322106 BA, US6315206 BA, US6241528 BA, US6213778 BA, US6196447 BA, US6158777 A, US6158651 A, US6155476 A, US6152361 A, US6139067 A, US6117061 A, US6027014 A, US5988687 A, US5950910 A, US5887899 A, US5870718 A, US5788501 A, US5725252 A, US5697547 A, US5695346 A, US5657869 A, US5652421 A, US5633071 A, US5562451 A, US5513117 A, US5458284 A, US5437478 A, US542872 A, US5427528 A, US5425500 A, US5402934 A, US5377904 A, US5366145 A, US5337639 A, US5333909 A, US5292154 A, US5288015 A, US5284445 A, US5143279 A, US5141438 A, US5133496 A, US512882 A, US5110295 A, US5106305 A, US5104146 A, US5104036 A, US5044669 A, US5015137 A, US498761 A, US4915287 A, US4860946 A, US4836783 A, US4836381 A, US4733856 A, US4729182 A, US4651920 A, US4543082 A, US4514175 A, US4441270 A, US4418497 A, US4319418 A, US4216979 A, US4195864 A, US4167241 A, US4108350 A, US4103820 A, US4093117 A, US4047661 A, US4011985 A, US3968927 A, US3840113 A, US3813028 A, US3807771 A, US3791572 A, US3768177 A, US3718277 A, US3690542 A, US3656684 A, US3356286 A, US3181774 A, US3141549 A, US2862321 A, US2833074 A, US2504277 A, US2377968 A, US2012142428 AA, US2012018501 AA, US2011161190 AA, US2011125607 AA, US2011124390 AA, US2011025037 AA, US2010314276 AA, US2010269380 AA, US2010017278 AA, US2010012714 AA, US2010006638 AA, US2009283594 AA, US2009281951 AA, US2009258773 AA, US2009222367 AA, US2009177582 AA, US2009063297 AA, US2009037270 AA, US2008294977 AA, US2008294529 AA, US2008281704 AA, US2008254419 AA, US2008208745 AA, US2008195460 AA, US2008172301 AA, US2008033875 AA, US2007288340 AA, US2007265919 AA, US2007243936 AA, US2007235932 AA, US2007210148 AA, US2007192784 AA, US2007192259 AA, US2007187487 AA, US2007182155 AA, US2007168863 AA, US2007157021 AA, US2007136085 AA, US2007057458 AA, US2007051797 AA, US2007017973 AA, US2006293963 AA, US2006273153 AA, US2006266665 AA, US2006255154 AA, US2006236568 AA, US2006231605 AA, US2006224452 AA, US2006200362 AA, US2006196787 AA, US2006186196 AA, US2006163867 AA, US2006080871 AA, US2006000127 AA, US2005284927 AA, US2005275870 AA, US2005263587 AA, US2005236471 AA, US2005229450 AA, US2005165641 AA, US2005116015 AA, US2004254833 AA, US2004228989 AA, US2004205138 AA, US2004139318 AA, US2004114766 AA, US2004113419 AA, US2004099730 AA, US2004098449 AA, US2004098351 AA, US2004046035 AA, US2004025174 AA, US2004015404 AA, US2003177054 AA, US2003150142 AA, US2003150141 AA, US2003130907 AA, US2003120505 AA, US2003079221 AA, US2003048888 AA, US2003040964 AA, US2003018553 AA, US2002195816 AA, US2002082067 AA, US2002013174 AA, US2002011512 AA, US1698628 A, US1684244 A, KR20010035453 A, JP3118502 U, JP3106885 U, JP3103770 Y, JP2005515922 T2, JP2004199657 A2, JP2004062287 A2, JP2003530615 T2, JP2002370731 A2, JP2002024603 A2, JP2001306912 A2, JP2001243380 A2, GB2423958 A1, GB2410214 A1, GB2285412 A1, EP0695649 A1, DE20315008 U1, CN1708768 A, CN1265061 A,

0) US3697227A – CHEMICAL CONSTITUENT SAMPLER

41) Family number: 62904 (US3697227A) © PatBase

Title: CHEMICAL CONSTITUENT SAMPLER

Priority: FR19670106320 19670512 US19660549862 19660513

Family:

Publication number	Publication date	Application number	Application date
BE698461 A	19671016		19670512
DE1673320 A1	19710819	DE19671673320	19670512
ES340438 A1	19680601	ES19670340438	19670512
FR1525447 A	19680517	FR19670106320	19670512
GB1140149 A	19690115	GB19670018290	19670420
SE333261 B	19710308	SE19670006763	19670512
US3697227 A	19721010	US19660549862	19660513

Probable Assignee: WESTINGHOUSE ELECTRIC CORP

Assignee(s):(std)	WESTERN ELECTRIC CO ; WESTINGHOUSE ELECTRIC CO ; WESTINGHOUSE ELECTRIC CORP
Inventor(s):(std)	GOLDSTEIN ROBERT P ; GOLDSTEIN R ; AGNEW FRANK R ; AGNEW F ; P GOLDSTEIN ROBERT ; R AGNEW FRANK
Inventor(s):	ROBERT P GOLDSTEIN ; FRANK R AGNEW
International class (IPC 8–9):	B01L3/00 (Advanced/Invention) ; B01L3/00 (Core/Invention)
International class (IPC 1–7):	B01L G01N1/10 G01N1/22 G01N31/00 G01N31/22 G01N33/18 G01N35/04
CPC:	B01L3/502
European class:	B01L3/00C6 B01L3/502
US class:	422/409 422/430 422/58 422/61

Classification Explorer

0) US2014070524A – COLORING BOOK FOR HEAT TRANSFER SHEETS AND METH...

42) Family number: 55977866 (US2014070524A) © PatBase

Title:	COLORING BOOK FOR HEAT TRANSFER SHEETS AND METHODS OF TRANSFERRING AN IMAGE TO A SUBSTRATE
Priority:	US20120614370 20120913

Family:

Publication number	Publication date	Application number	Application date
US2014070524 AA	20140313	US20120614370	20120913
WO14042946 A1	20140320	WO2013US58178	20130905

Probable Assignee:	NEENAH PAPER INC
Assignee(s):(std)	NEENAH PAPER INC ; RUIZ DE VINASPRE VANESSA SOFIA
Assignee(s):	JPMORGAN CHASE BANK NA
Inventor(s):(std)	RUIZ DE VINASPRE VANESSA SOFIA
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	B32B37/02 B42D15/00 B44C1/17 (Advanced/Invention)
CPC:	B42D1/004 B44C1/17 B41M2205/10 D06P5/003
US class:	156/62 281/38

Classification Explorer

Cited documents:	US8663416 BB, US8613988 BB, US8197918 BB, US8172974 BB, US7785764 BB, US7604856 BB, US7182667 BB, US6916751 BA, US6869910 BB, US6656306 BA, US6551692 BA, US6509131 BB, US6497781 BA, US4773953 A, US2004229193 AA,

0) US2006000845A – DISPENSER FOR ROLLED SHEET MATERIAL

43) Family number: 32532967 (US2006000845A) © PatBase

Title: DISPENSER FOR ROLLED SHEET MATERIAL

Priority: US20040881863 20040630

Family:

Publication number	Publication date	Application number	Application date
US2006000845 AA	20060105	US20040881863	20040630
US7530460 BB	20090512	US20040881863	20040630
WO06007186 A1	20060119	WO2005US18310	20050524

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; LEWIS RICHARD PAUL ; TRAMONTINA PAUL FRANCIS

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** LEWIS RICHARD P ; LEWIS RICHARD PAUL ; TRAMONTINA PAUL F ; TRAMONTINA PAUL FRANCIS

Inventor(s): TRAMONTINA PAUL ; LEWIS RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/38 B65D83/08 B65D85/00 B65G47/14 B65G59/00 B65H1/00 G07F11/00 (Advanced/Invention); A47K10/24 B65D83/08 B65D85/00 B65G47/14 B65G59/00 B65H1/00 G07F11/00 (Core/Invention)

International class (IPC 1–7): A47K10/38 B65D83/08

CPC: A47K10/3818 A47K2010/3206 B65D83/0805

European class: A47K10/38B1 B65D83/08B K47K10/32B

US class: 206/409 221/1 221/282 221/302 221/45 221/47 221/48 221/63

Classification Explorer

Cited documents: WO9721377 A1, WO9322964 A1, WO9322963 A1, USD449474 S1, USD403543 S1, USD396369 S1, USD385734 S1, USD339015 S1, USD339014 S1, USD337464 S1, USD296765 S1, USD285995 S1, US836825 A, US740921 A, US6945424 BA, US68722 A, US6629667 BB, US6575397 BA, US642317 A, US6354426 BA, US6328252 BA, US6267321 BA, US6189726 BA, US6182858 BA, US6158614 A, US6145782 A, US6129240 A, US6089499 A, US6086012 A, US6082663 A, US6062422 A, US5979812 A, US595779 A, US5868346 A, US5857642 A, US5785274 A, US5773184 A, US5769354 A, US5765718 A, US5762287 A, US5762286 A, US5749492 A, US5715972 A, US5715971 A, US5712210 A, US5582362 A, US5577635 A, US5577634 A, US5560514 A, US550863 A, US5480060 A, US5469987 A, US5370338 A, US5346064 A, US5310083 A, US5273184 A, US5263607 A, US5246137 A, US5219126 A, US5215211 A, US5211308 A, US5205455 A, US5142171 A, US5141171 A, US5131561 A, US5065924 A, US4979617 A, US4905868 A, US4899905 A, US4864415 A, US4846415 A, US480848 A, US4760970 A, US4756460 A, US4579266 A, US4564491 A, US4534895 A, US4534491 A, US4524895 A, US449474 A, US4460106 A, US4373687 A, US4289262 A, US4262816 A, US4180160 A, US403543 A, US396369 A, US3923223 A, US3877576 A, US385734 A, US3627216 A, US3523653 A, US339015 A, US339014 A, US337464 A, US3176891 A, US296765 A, US2864495 A, US285995 A, US2818757 A, US2669818 A, US2668694 A, US2667854 A, US2667853 A, US238460 A, US231183 A, US2270299 A, US2222357 A, US2145693 A, US2120639 A, US2063213 A, US2038778 A, US2003122031 AA, US2003111480 AA, US1455216 A, US1066787 A, GB2270299 A1, GB2244472 A1, GB2145693 A1, GB2120639 A1, GB2063213 A1, GB2038778 A1, GB1455216 A, FR2681846 A1, FR2669818 A1, FR2668694 A1, FR2667854 A1, FR2667853 A1, EP1066787 A1, EP0836825 A1, EP0740921 A1, EP0642317 A1, EP0595779 A1, EP0550863 A1, EP0480848 A1, EP0238460 A1, EP0231183 A1, EP0128127 A2, EP0117567 A1, EP0107487 A1, EP0091411 A1, EP0068722 A2, EP0061248 A2, DE2818757 A1, DE2222357 A1, CA2452242 AA,

0) US2007129700A – DISPOSABLE PAPER DIAPER

44) Family number: 31969311 (US2007129700A) © PatBase

Title: DISPOSABLE PAPER DIAPER

Priority: EP20040819436 20041126 JP20030399515 20031128 WO2004JP17570 20041126

Family:

Publication number	Publication date	Application number	Application date
CN100415193 C	20080903	CN200480035302	20041126
CN1886110 A	20061227	CN200480035302	20041126
DE602004036855 D1	20120503	DE200460036855T	20041126
EP1688116 A1	20060809	EP20040819436	20041126
EP1688116 A4	20070711	EP20040819436	20041126
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JP4683522 B2	20110518	JP20030399515	20031128
US2007129700 AA	20070607	US20040580694	20041126
US7449017 BB	20081111	US20040580694	20041126
WO05051276 A1	20050609	WO2004JP17570	20041126

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** DAIO SEISHI KK ; YOSHIDA HIDEAKI

Assignee(s): DAIO PAPER CORP ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):(std)**:** YOSHIDA HIDEAKI ; HIDEAKI YOSHIDA

Inventor(s): YOSHIDA HIDEAKI C O ELLEAIR PAPER TECH CO LTD ; YOSHIDA LTD HIDEAKI C O ELLEAIR PAPER TECH CO TOCHIGI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/56 A61F5/44 A61M35/00 (Advanced/Invention); A61F13/15 A61F13/56 A61F5/44 A61M35/00 (Core/Invention)

International class (IPC 1–7): A61F13/49 A61F13/56 A61F5/44

CPC: A61F13/5644 A61F2013/5683 A61F2013/582 A61F2013/583

European class: A61F13/56C K61F13/56G K61F13/58C K61F13/58D

US class: 604/385.01 604/385.11 604/385.110P 604/386 604/389 604/390 604/391 604/391S

Classification Explorer

Cited documents: WO8404242 A1, US6575949 BA, US5370634 A, US4850988 A, US4063559 A, US2862251 A, US2134977 A, US2002165514 AA, US2002048652 AA, US2002032427 AA, JPS62268802, JP9253123 A2, JP9253123, JP9038126 A2, JP8267397, JP8011934, JP63249704 A2, JP63249704, JP62268802 A2, JP62268802, JP6031726 U, JP6031726 A2, JP6031725 U1, JP6031725 U, JP6031725 U, JP6031725 A2, JP4035663, JP2113358 U, JP2004057541 A2, JP2004057541, JP2002095693 A2, JP2002095693, JP2002045214 A2, JP2002045214, JP1141710 U, JP1141710 U, JP11099178 A2, JP11099178,

0) US2005241549A – COLLAPSIBLE PALLET SYSTEM AND METHODS

45) Family number: 32382843 (US2005241549A) © PatBase

Title: COLLAPSIBLE PALLET SYSTEM AND METHODS

Priority:

US20040566256P	20040429	US20040632554P	20041201	US20050118904	20050429
US20050216608	20050831	US20050652871P	20050215	US20090459878	20090709
US20110072453	20110325				

Family:

Publication number	Publication date	Application number	Application date
US2005241549 AA	20051103	US20050118904	20050429
US2006016373 AA	20060126	US20050216608	20050831
US2010012000 AA	20100121	US20090459878	20090709
US2011232537 AA	20110929	US20110072453	20110325
US7231879 BB	20070619	US20050216608	20050831
US7913629 BB	20110329	US20050118904	20050429
US8291835 BB	20121023	US20110072453	20110325
US8316779 BB	20121127	US20090459878	20090709
WO05108219 A2	20051117	WO2005US14872	20050429
WO05108219 A3	20090416	WO2005US14872	20050429

Probable Assignee: PALLETS INT

Assignee(s):(std): PALLETS INT HOLDING COMPA ; PALLETS INTERNAT ; PALLETS INTERNAT HOLDING COMPA ; GORDON NORMAN H ; PALLETS INT

Assignee(s): PALLETS INT HOLDING CO LLC ; PALLETS INTERNATIONAL HOLDING COMPANY LLC ; PALLETS INTERNATIONAL

Inventor(s):(std): GORDON NORMAN H

Inventor(s): GORDON NORMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65D19/00 B65D19/12 B65D19/38 B65D77/00 (Advanced/Invention); B65D81/107 (Advanced/Non–invention); B65D19/02 (Core/Invention)

International class (IPC 1–7): B65D19/00

CPC: B65D19/20 B65D2519/00159 B65D2519/00174 B65D2519/00228 B65D2519/00243 B65D2519/00432 B65D2519/00597 B65D2519/00631 B65D2519/00641 B65D2519/00651 B65D2519/00676 B65D2519/00925 B65D19/0016 B65D2203/10 B65D2519/00019 B65D2519/00034 B65D2519/00054 B65D2519/00069 B65D2519/00129 B65D2519/00134 B65D2519/00139 B65D2519/00268 B65D2519/00273 B65D2519/00288 B65D2519/00293 B65D2519/00298 B65D2519/00318 B65D2519/00323 B65D2519/00333 B65D2519/00338 B65D2519/00343 B65D2519/00437 B65D2519/00442 B65D2519/00562 B65D2519/00567 B65D2519/00751 B65D2519/0086 B65D2519/0087 B65D2519/0098

European class: B65D19/00C1B2C1 B65D19/20 B65D77/00B L65D203/10 L65D519/00Y1B1 L65D519/00Y1B4 L65D519/00Y1C1 L65D519/00Y1C4 L65D519/00Y1E2 L65D519/00Y1E3 L65D519/00Y1E4 L65D519/00Y1F1 L65D519/00Y1F4 L65D519/00Y1H1 L65D519/00Y1H4 L65D519/00Y2A1 L65D519/00Y2A2 L65D519/00Y2B1 L65D519/00Y2B2 L65D519/00Y2B5 L65D519/00Y2C1 L65D519/00Y2C2 L65D519/00Y2C4A L65D519/00Y2C4B L65D519/00Y2C4C L65D519/00Y2E12 L65D519/00Y2E12B L65D519/00Y2E12C L65D519/00Y3A1A L65D519/00Y3A1B L65D519/00Y3B1A2B L65D519/00Y3B9 L65D519/00Y3C1 L65D519/00Y3C1A2 L65D519/00Y3D1 L65D519/00Y4A1A L65D519/00Y4G L65D519/00Y4H1 L65D519/00Y4H2L L65D519/00Y4L L65D81/107

US class: 108/50.11 108/50.110P 108/51.11 108/51.110S 108/51.3 108/51.300P 108/56.3 108/56.300P 108/57.16 108/57.160S

Classification Explorer

Cited documents: US7234879 BB, US7231879 BB, US6809703 BB, US6669089 BB, US6600418 BB, US6564724 BB, US6516730 BA, US6402167 BA, US6357364 BA, US6267258 BA, US6196383 BA, US6079560 A, US6041719 A, US5996510 A, US5921187 A, US5890437 A, US5809903 A, US5706953 A, US5662048 A, US5660119 A, US5562048 A, US5503085 A, US5483875 A, US5377600 A, US5365857 A, US5285731 A, US5230291 A, US5141109 A, US5020674 A, US4909659 A, US4864940 A, US4863024 A, US4831938 A, US4759295 A, US4694962 A, US4378743 A, US4303020 A, US4185565 A, US4095769 A, US4091923 A, US4090659 A, US3659707 A, US3626860 A, US3602158 A, US3524030 A, US3514030 A, US3434435 A, US3308772 A, US3246824 A, US3216376 A, US3167038 A, US3041029 A, US2904297 A, US2643080 A, US2611569 A, US2494730 A, US2444183 A, US2104523 A, US2020834 A, US2011048990 AA, US2009071381 AA, US2007170085 AA, US2007158224 AA, US2006112864 AA, US2005023168 AA, US2005006990 AA, US2004260587 AA, US2004254759 AA, US2004249661 AA, US2004238634 AA, US2004237850 AA, US2004237419 AA, US2004237418 AA, US2004233040 AA, US2004226490 AA, US2004226489 AA, US2004226488 AA, US2004226416 AA, US2004226157 AA, US2004222542 AA, US2004222127 AA, US2004221771 AA, US2004217867 AA, US2004217250 AA, US2004026587 AA, US2003244 A, US2003209171 AA, US2001025589 AA, US1700924 A, US1471974 A, JP6239346 A2, JP6239345 A2, JP2006199328 A2, JP2005271939 A2, JP2001322625 A2, JP2000159230 A2, GB1503507 A, FR2936231 A1, FR2768406 A1, FR2713201 A1,

0) US3837565A – RAPID PRODUCTION ENVELOPE ASSEMBLIES

46) Family number: 1095698 (US3837565A) © PatBase

Title: RAPID PRODUCTION ENVELOPE ASSEMBLIES

Priority: US19720226415 19720215

Family:

Publication number	Publication date	Application number	Application date
CA1019290 A1	19771018	CA19730163728	19730214
US3837565 A	19740924	US19720226415	19720215

Probable Assignee: JOHNSEN EDWARD L

Assignee(s):(std)**:** JOHNSEN E ; JOHNSEN EDWARD L

Assignee(s): JOHNSEN E US

Inventor(s):(std)**:** JOHNSEN E ; JOHNSEN EDWARD L

Inventor(s): JOHNSEN E US

International class (IPC 8–9)**:** B42D5/02 B65D27/04 B65D27/06 B65D27/10 B65D27/34 (Advanced/Invention); B42D5/00 B65D27/00 B65D27/06 (Core/Invention)

International class (IPC 1–7)**:** B65D27/04 B65D27/06 B65D27/10 B65D27/34

CPC: Y10S283/90 B65D27/34 B42D5/025 B65D27/04

European class: B42D5/02C2 B65D27/04 B65D27/34

US class: 206/232 229/301 229/314 229/316 229/6.8R 229/69 229/81 229/92.1 283/79 283/900 462/6

Classification Explorer

Cited documents: US943814 A, US3554438 A, US3523638 A, US3476307 A, US3339827 A, US2302455 A,

0) US2011089678A – LAMINATED LOTTERY TICKET CONSTRUCTION

47) Family number: 47674982 (US2011089678A) © PatBase

Title: LAMINATED LOTTERY TICKET CONSTRUCTION

Priority: US20090580766 20091016 US20100580766 20101016

Family:

Publication number	Publication date	Application number	Application date
AU2010219436 AA	20110512	AU20100219436	20100915
CN102039741 A	20110504	CN201010287064	20100920
GB201015278 A0	20101027	GB20100015278	20100914
GB2476700 A1	20110706	GB20100015278	20100914
IN00871KO2010 A	20120420	IN2010KO00871	20100806
US2011089678 AA	20110421	US20090580766	20091016

Probable Assignee: POLLARD BANKNOTE PARTNERSHIP LTD

Assignee(s):(std)**:** BRICKWOOD MICHAEL JOHN ; JOHNSON ANGELA ; POLLARD BANKNOTE LTD PARTNERSH ; REIMER BLAINE ; POLLARD BANKNOTE LTD PARTNERSHIP

Assignee(s): POLLARD BANKNOTE PARTNERSHIP LTD ; POLLARD BANKNOTE LIMITED PARTNERSHIP

Inventor(s):(std)**:** ANGELA JOHNSON ; BLAINE REIMER ; JOHN BRICKWOOD MICHAEL ; REIMER BLAINE ; JOHNSON ANGELA ; BRICKWOOD MICHAEL JOHN

Inventor(s): MICHAEL JOHN BRICKWOOD

International class (IPC 8–9): A63F3/06 B42D15/00 B42D15/02 G09F23/10 (Advanced/Invention)

CPC: A63F3/065 A63F3/0665 A63F3/069 B42D5/047 B42D15/042 B42D15/025

European class: A63F3/06F K63F3/06F2 K63F3/06F6 L42D15/04B L42D5/04E

US class: 283/102 283/102S 283/94 283/94P

Classification Explorer

Cited documents: US6234477 BA, US5562284 A, US5253899 A, US5217258 A, US4778153 A, US4551373 A, US4174857 A, US2006012116 AA, US2005040591 AA, JP9295480 A2,

0) US2004091659A – IDENTIFICATION BADGE CONSTRUCTION

48) Family number: 30400038 (US2004091659A) © PatBase

Title: IDENTIFICATION BADGE CONSTRUCTION

Priority:

US20020411268P	20020916	US20020432941P	20021211	US20030446817P	20030211
US20030662758	20030915	US20080269417	20081112	WO2003US29093	20030915
US20030466689P	20030430	US20030641132	20030814	WO2003US28545	20030911

Family:

Publication number	Publication date	Application number	Application date
AU2003267136 AA	20040423	AU20030267136	20030911
AU2003278825 AA	20040430	AU20030278825	20030915
CA2498071 AA	20050307	CA20032498071	20030911
CA2499256 AA	20050316	CA20032499256	20030915
EP1546882 A1	20050629	EP20030770341	20030915
EP1546882 A4	20060802	EP20030770341	20030915
EP1546986 A2	20050629	EP20030749611	20030911
EP1546986 A4	20080123	EP20030749611	20030911
JP2005538880 T2	20051222	JP20040572011T	20030915

JP2006516050 T2	20060615	JP20050500313T	20030911	
MXPA05002889 A1	20050622	MX2005PA02889	20030911	
MXPA05002941 A1	20050617	MX2005PA02941	20030915	
NZ539336 A	20060331	NZ20030539336	20030915	
US2004091659 AA	20040513	US20030641132	20030814	
US2004099731 AA	20040527	US20030662758	20030915	
US2009092804 AA	20090409	US20080269417	20081112	
US7172113 BB	20070206	US20030662758	20030915	
US7534476 BB	20090519	US20030641132	20030814	
WO04025473 A1	20040325	WO2003US29093	20030915	
WO04032023 A2	20040415	WO2003US28545	20030911	
WO04032023 A3	20040805	WO2003US28545	20030911	
WO04032023 B1	20041021	WO2003US28545	20030911	

Probable Assignee: CCL LABEL INC

Assignee(s):(std)**:** BRATTER ADAM ; MEDRANO DEBORAH ; MILLER MARY ; OLENICK MICHAEL ; AVERY DENNISON CORP

Assignee(s): BANKS DONALD E ; UTZ MARTIN ; UGOLICK RONALD ; CCL LABEL INC ; HODSDON JERRY G ; HODSON JERRY G

Inventor(s):(std)**:** ADAM BRATTER ; BANKS DONALD E ; BRATTER ADAM ; DEBORAH MEDRANO ; DONALD E BANKS ; HODSDON JERRY G ; HODSON JERRY G ; JERRY G HODSON ; MARTIN UTZ ; MARY MILLER ; MEDRANO DEBORAH ; MICHAEL OLENICK ; MILLER MARY ; OLENICK MICHAEL ; RONALD UGOLICK ; UGOLICK RONALD ; UTZ MARTIN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A44C3/00 B32B3/00 B32B3/10 B32B33/00 B32B9/00 B42D15/00 B42D15/10 G03B17/53 G06F11/30 G06K15/02 G06K19/00 G06K19/04 G06K5/00 G07C9/00 G07F17/26 G09F3/00 G09F3/02 G09F3/10 G09F3/14 G09F3/20 (Advanced/Invention); A44C3/00 B32B3/00 B32B3/10 B32B33/00 B32B9/00 B42D15/00 B42D15/10 G03B17/48 G06F11/30 G06K19/04 G06K5/00 G07F17/00 G09F3/00 G09F3/02 G09F3/08 G09F3/10 (Core/Invention)

International class (IPC 1–7): B32B3/00 B32B3/10 B32B9/00 B42D15/00 B42D15/10 G06F11/30 G06K1/00 G06K5/00 G09F3/00 G09F3/14

CPC: Y10T428/14 Y10T428/1476 Y10T428/1486 Y10T428/149 Y10T428/1495 Y10T428/15 Y10T428/24314 Y10T428/24322 Y10T428/24802 Y10T428/24934 G07F17/26 G06K19/041 G06K19/07758 G09F3/0288 G09F3/10 G09F3/14 G09F3/207

European class: G06K19/04K G06K19/077T3 G07F17/26 G09F3/02C G09F3/10 G09F3/14 G09F3/20H

US class: 235/380 235/486 283/81 40/1.5 428/136 428/137 428/195.1 428/195.100S 428/211.1 428/211.100P 428/40.1 428/40.100S 428/41.8 428/41.800P 428/42.1 428/42.2 428/42.3 428/43

Classification Explorer

Cited documents: WO9966448 A1, WO9704353 A1, WO9316447 A1, WO04034347 A1, WO03074293 A1, WO0195269 A2, WO0028485 A1, USD476680 S1, USD445127 S1, USD419595 S1, USD394675 S1, USD386793 S1, US7118027 BB, US7028012 BB, US6867683 BB, US6804786 BA, US6801907 BA, US6632250 BA, US6619480 BB, US6517921 BB, US6412692 BA, US6412028 BA, US6402028 BA, US6394356 BA, US6356942 BA, US6335799 BA, US6308886 BA, US6308012 BA, US6292092 BA, US6230148 BA, US6220515 BA, US6197396 BA, US6179396 BA, US6179201 BA, US6179201 B1, US6142531 A, US6104922 A, US6078756 A, US6038012 A, US6014748 A, US6002427 A, US6000608 A, US5997683 A, US5913542 A, US5840143 A, US5814796 A, US5717776 A, US5700037 A, US5662976 A, US5617528 A, US5529345 A, US5518787 A, US5509693 A, US5442162 A, US5362106 A, US5343386 A, US5318326 A, US5209514 A, US5180906 A, US5172938 A, US5075769 A, US5058926 A, US4986868 A, US4900903 A, US476680 A, US47263 A, US4653775 A, US4500116 A, US445127 A, US419595 A, US3318428 A, US2006087410 AA, US2005284931 AA, US2005168775 AA, US2005058369 AA, US2004205652 AA, US2004050931 AA, US2003168850 AA,

US2003151761 AA, US2003070072 AA, US2002047263 AA, US2001053947 AA, US168850 A, GB2100490 A1, EP0482846 A2,

0) EP0326798A1 – COMPOUND LABEL. VERBUNDETIKETT. ETIQUETTE COMPO...

49) Family number: 17119101 (EP0326798A1) © PatBase

Title: COMPOUND LABEL.

Priority: DE19880000071U 19880107 DE19880006727U 19880524 DE19895008052 19890104

Family:

Publication number	Publication date	Application number	Application date
AT108928 E	19940815	AT19890100073T	19890104
DE58908052 D1	19940825	DE19895008052	19890104
DE8800071 U1	19880225	DE19880000071U	19880107
DE8806727 U1	19880901	DE19880006727U	19880524
EP0326798 A1	19890809	EP19890100073	19890104
EP0326798 B1	19940720	EP19890100073	19890104

Probable Assignee: CHALCOGRAPHIE DRUCK AND PAPIER

Assignee(s):(std)**:** CHALCOGRAPHIE DRUCK AND PAPIER ; CHALCOGRAPHIE DRUCK U PAPIER

Assignee(s): CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOL ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG (GMBH AND CO) 2000 HAMBURG DE ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG GMBH AND CO ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG GMBH AND CO 2000 HAMBURG DE

Inventor(s):(std)**:** WILCK KARL HEINRICH

Inventor(s): WILCK KARL HEINRICH D 2000 HAMBURG 61 DE

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9)**:** G09F3/02 (Advanced/Invention); G09F3/02 (Core/Invention)

International class (IPC 1–7)**:** B32B7/06 C09J7/02 G09F3/02

CPC: G09F3/0288

European class: G09F3/02C

Classification Explorer

Cited documents: US4544590 A, US3148468 A, US2321184 A, FR2469766 A1, DE8800071 U, DE8629843 U, DE8620557 U, DE8317830 U, DE2827838 A1, DE2000064 A1, DE1814616 A1,

0) US5800893A – DOUBLE–BLIND LABEL AND METHOD FOR DOUBLE–BLIND ...

50) Family number: 9509579 (US5800893A) © PatBase

Title: DOUBLE−BLIND LABEL AND METHOD FOR DOUBLE−BLIND LABELLING

Priority: CA19962178801 19960611 US19950495816 19950627

Family:

Publication number	Publication date	Application number	Application date
CA2178801 AA	19961228	CA19962178801	19960611
CA2178801 C	20000425	CA19962178801	19960611
US5800893 A	19980901	US19950495816	19950627

Probable Assignee: STANDARD REGISTER CO

Assignee(s):(std)**:** STANDARD REGISTER CO

Assignee(s): STANDARD REGISTER CO THE ; THE STANDARD REGISTER COMPANY ; STANDARD REGISTER COMPANY THE ; BANK OF AMERICA NA ; HARDEN JOHN MICHAEL

Inventor(s):(std)**:** HARDEN JOHN MICHAEL

International class (IPC 8−9): B31D1/02 G09F3/02 G09F3/10 (Advanced/Invention) ; G09F3/02 G09F3/10 (Core/Invention)

International class (IPC 1−7): B31D1/02 B42D15/00 G09F3/00

CPC: Y10S428/914 G09F3/10 G09F3/0288 Y10T428/14 Y10T428/1467 Y10T428/1471 Y10T428/1476 Y10T428/1481 Y10T428/1486 Y10T428/149 Y10T428/1495 Y10T428/15 Y10T428/24777 Y10T428/24793

European class: G09F3/02C G09F3/10

US class: 283/101 283/105 283/81 428/192 428/194 428/40.1 428/401 428/41.6 428/41.7 428/41.8 428/41.9 428/416 428/417 428/418 428/419 428/42.1 428/42.2 428/42.3 428/421 428/422 428/423 428/43 428/914 434/349

Classification Explorer

Cited documents: US5314560 A, US5284689 A, US5178419 A, US4700976 A, US4637635 A, US3941278 A, US3740081 A, US3593443 A,

0) US3368740A – SHEET MATERIAL WITH FILM TEAR LINE

51) Family number: 20900594 (US3368740A) © PatBase

Title: SHEET MATERIAL WITH FILM TEAR LINE

Priority: US19670609810 19670117 US19670682011 19671113

Family:

Publication number	Publication date	Application number	Application date
BE708595 A	19680502		19671227
DE1729063 A1	19720302	DE19681729063	19680113
FR1550848 A	19681220		19680111
GB1147846 A	19690410	GB19680001766	19680112
US3368740 A	19680213	US19670609810	19670117
US3535409 A	19701020		19671113

Probable Assignee: BAXTER INT INC

Assignee(s):(std)**:** TOWER PRODUCTS ; TOWER PACKAGING CO ; TOWER PACKAGING COMPANY

Assignee(s): BAXTER TRAVENOL LABORATORIES INC A CORP OF DE ; TOWER PRODUCTS INC A CORP OF IL ; TOWER PRODUCTS INC ; BAXTER INT ; BAXTER INT INC ; BAXTER TRAVENOL LABORATORIES INC

Inventor(s):(std)**:** ROHDE WILLIAM A ; ROHDE WILLIAM

Inventor(s): WILLIAM A ROHDE

International class (IPC 8–9):	B29C37/00 B29C47/00 B29C47/04 B65B61/18 B65D75/58 (Advanced/Invention); B65D75/20 (Advanced/Non–invention); B29C37/00 B29C47/00 B29C47/04 B65B61/18 B65D75/52 (Core/Invention); B65D75/04 (Core/Non–invention)
International class (IPC 1–7):	B29C17/02 B29C23/00 B29C24/00 B29D7/02 B29D7/04 B65B61/18 B65D75/66 B65D85/10 B65D85/72
CPC:	B29C47/067 B29C47/0026 B29C47/0057 B29C47/0066 B29C2793/0063 B65B61/18 Y10T428/15 B29C47/062 B29C37/0057 B29C47/0021 B65D75/20 B65D75/5844
European class:	L29C37/00F2 L29C47/00J7 L29C47/00L12 L29C47/00L8 L29C793/00G L65D75/20
US class:	206/459.5 229/66 264/171.28 264/173.19 264/514 264/564 264/95 383/200 383/207 425/133.5 425/317 425/326.1 428/43
Classification Explorer	
Cited documents:	US3441637 A, US3405425 A, US3336174 A, US3223761 A, US3189253 A, US3098601 A, US3034941 A, US2932855 A, US2467875 A, US2106748 A,

0) US5393264A – CONTINUOUS BUSINESS FORM HAVING DISCRETE POCKET...

52) Family number: 11798588 (US5393264A) © PatBase

Title:	CONTINUOUS BUSINESS FORM HAVING DISCRETE POCKETS
Priority:	US19930082987 19930625

Family:

Publication number	Publication date	Application number	Application date
US5393264 A	19950228	US19930082987	19930625

Probable Assignee:	WARD KRAFT INC
Assignee(s):(std):	WARD KRAFT INC
Inventor(s):(std):	JOHNSON ROY A ; KRAFT ROGER E ; MERCER MERLIN F
International class (IPC 8–9):	B41L1/32 B42D5/02 (Advanced/Invention); B41L1/00 B42D5/00 (Core/Invention)
International class (IPC 1–7):	B41L1/26
CPC:	Y10S462/90 B41L1/32 B42D5/025
European class:	B41L1/32 B42D5/02C2
US class:	281/5 462/11 462/31 462/6 462/900
Classification Explorer	
Cited documents:	US5183203 A, US5061170 A, US5052977 A, US5021273 A, US5021110 A, US5011559 A, US4978142 A, US4877177 A, US4868027 A, US4729506 A, US4586611 A, US4425386 A, US4379573 A, US4231833 A, US4214024 A, US4159585 A, US4150183 A, US4060168 A, US3501365 A, US2303346 A, US2220071 A, US1799865 A, GB2127378 A1, GB1432758 A, EP0129948 A1,

0) US2003009142A – MULTI–LAYER FEMININE HYGIENIC PAD

53) Family number: 23279867 (US2003009142A) © PatBase

Title: MULTI−LAYER FEMININE HYGIENIC PAD

Priority:

JP19960046674	19960208	JP19960137511	19960508	JP19960342802	19961207
JP19970039964	19970207	JP19970039966	19970207	JP19960139426	19960509
JP20010012488	20010119	JP20010012488	19961207	US20020218540	20020814
US20000605109	20000628	US19970791564	19970131	JP20070123977	20070508
JP20010276112	20010912				

Family:

Publication number	Publication date	Application number	Application date
DE69714097 D1	20020829	DE19976014097	19970206
DE69714097 T2	20021219	DE19976014097T	19970206
EP0788785 A1	19970813	EP19970101851	19970206
EP0788785 B1	20020724	EP19970101851	19970206
JP10024061 A2	19980127	JP19960342802	19961207
JP10024062 A2	19980127	JP19970039964	19970207
JP10024063 A2	19980127	JP19970039966	19970207
JP2001187084 A2	20010710	JP20010012488	20010119
JP2002085447 A2	20020326	JP20010276112	20010912
JP2007196036 A2	20070809	JP20070123977	20070508
JP2899795 B2	19990602	JP19960137511	19960508
JP3340731 B2	20021105	JP20010276112	20010912
JP4226086 B2	20090218	JP19970039964	19970207
JP4523953 B2	20100811	JP20070123977	20070508
JP9271490 A2	19971021	JP19960137511	19960508
US2003009142 AA	20030109	US20020218540	20020814
US6171425 BA	20010109	US19970791564	19970131
US6730067 BA	20040504	US20000605109	20000628
US6840926 BB	20050111	US20020218540	20020814

Probable Assignee: NUKINA MICA

Assignee(s):(std)**:** MICA NUKINA ; NUKINA MICA ; NUKINA MICHIKA ; NUKINA MITSUKA

Assignee(s): NUKINA MIKA ; NUKINA MICA MIYAMAE KU KAWASAKI SHI

Inventor(s):(std)**:** NUKINA MICHIKA ; OTANI MITSUO ; UCHIYAMA MITSUFUMI ; UCHIYAMA MITSURU ; UCHIYAMA MITSUKO ; UCHIYAMA ATSUSHI ; OHTANI MITSUO ; NUKINA MICA ; NUKINA MITSUKA ; NUKINA MIKA

Inventor(s): UCHAMA MITSURU ; UCHAMA MITSUKO ; UCHAMA MITSUFUMI ; OOTANI MITSUO

Designated states: BE DE DK ES FI FR GB IT NL SE

International class (IPC 8–9)**:** A61F13/15 A61F13/472 A61F13/514 A61F13/53 A61F13/534 A61F13/56 A61F13/66 (Advanced/Invention); A61F13/15 A61F13/56 (Core/Invention)

International class (IPC 1–7)**:** A61F13/15 A61F13/472 A61F13/505 A61F13/53 A61F13/534 A61F13/56 A61F13/66

CPC: Y10T156/1054 Y10T156/1084 Y10T156/1095 A61F13/474

European class: A61F13/474

US class: 156/182 156/251 156/269 156/290 156/291 156/292 156/301 156/308.4 604/378 604/380 604/380P 604/385.01 604/385.03 604/385.05 604/385.050S 604/385.14 604/387

Classification Explorer

Cited documents: WO9529655 A1, USH1788 H1, US6040267 A, US6013064 A, US5910137 A, US5824172 A, US5720738 A, US5706950 A, US5599339 A, US5429631 A, US5344808 A, US5160564 A, US4917675 A, US4801494 A, US4581027 A, US4574024 A, US4551145 A, US4184902 A, US4079739 A, US3984272 A, US3688771 A, US3666611 A, US3570492 A, US3257228 A, JP6121812 A2, GB863582 A, EP0684029 A2,

0) US2004096483A – METHOD FOR INCREASING TAIL ADHESION OF WET ROLL...

54) Family number: 30573284 (US2004096483A) © PatBase

Title: METHOD FOR INCREASING TAIL ADHESION OF WET ROLLS

Priority: US20020295013 20021114

Family:

Publication number	Publication date	Application number	Application date
MXPA03009071 A1	20040518	MX2003PA09071	20031003
US2004096483 AA	20040520	US20020295013	20021114
US7238236 BB	20070703	US20020295013	20021114

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; WANG KENNETH Y ; WILKS DAVID J ; ZACHARIAS DUANE K ; DOYLE ANDREW PETER

Inventor(s):(std)**:** DOYLE ANDREW PETER ; KENNETH Y WANG ; WANG KENNETH Y ; WILKS DAVID J ; ZACHARIAS DUANE K

International class (IPC 8–9): B05C11/02 B05C3/12 B65H19/29 B65H81/00 (Advanced/Invention); B05C11/02 B05C3/02 B65H19/22 B65H81/00 (Core/Invention)

International class (IPC 1–7): A61K9/70 C09J7/02

CPC: Y10T156/1798 B65H19/29 B65H2301/5162 B65H2408/235 B65H2701/1728 B65H2701/1846

European class: B65H19/29 L65H301/5162 L65H351/620 L65H408/235 L65H701/1728 L65H701/1846

US class: 118/117 118/325 118/420 156/446 156/450 156/578 424/443 424/443P

Classification Explorer

Cited documents: WO0140090 A2, WO0063099 A1, US6579570 BA, US6548592 BA, US6537663 BA, US6537631 BA, US6444214 BA, US6429261 BA, US6423804 BA, US6372064 BA, US6342297 BA, US6257410 BA, US6129304 A, US6028018 A, US6022452 A, US5979818 A, US5839680 A, US5636810 A, US5603467 A, US5542622 A, US5538199 A, US5402960 A, US5387284 A, US5368252 A, US5271515 A, US5271137 A, US5259910 A, US5248106 A, US5137225 A, US5125302 A, US4894277 A, US4856725 A, US4842681 A, US4818464 A, US4775110 A, US4741944 A, US4635867 A, US4495011 A, US4487377 A, US4280669 A, US4100324 A, US4026752 A, US3935057 A, US3926299 A, US3898920 A, US3856226 A, US3172612 A, US2006124247 AA, US2003113458 AA, US2003025029 AA, US2003017333 AA, US2003015209 AA, US2002127937 AA, GB1009687 A,

0) US4868027A – COMPOSITE LABEL FOR FASTENING TO AN ARTICLE

55) Family number: 3180063 (US4868027A) © PatBase

Title: COMPOSITE LABEL FOR FASTENING TO AN ARTICLE

Priority: CH19860004023 19861008

Family:

Publication number	Publication date	Application number	Application date
CH672379 A	19891115	CH19860004023	19861008
DE3767836 D1	19910307	DE19873767836	19870927
EP0268044 A1	19880525	EP19870114120	19870927
EP0268044 B1	19910130	EP19870114120	19870927
ES2019611 B3	19910701	ES19870114120T	19870927
JP63097989 A2	19880428	JP19870251735	19871007
US4868027 A	19890919	US19870106251	19871007

Probable Assignee: HUNKELER JOS AG

Assignee(s):(std)**:** HUNKELER AG JOS ; HUNKELER JOS AG ; HUNKELER LTD JOS ; JOS HUNKELER FABRIK FUR GRAPHISCHE MASCH AG ; JOSEF FUNKERAA FAB FUR GURA AG

Assignee(s): JOSEF FUNKERAA FAB FUR GURAFUITSUSHIE MAS AG ; JOS HUNKELER FABRIK F GRAPHISCHE MASCH AG ; JOS HUNKELER FABRIK F GRAPHISCHE MASCH WIKON CH AG ; JOS HUNKELER AG FABRIK FUER GRAPHISCHE MASCHINEN ; JOS HUNKELER LTD ; JOS HUNKELER AG FABRIK FUR GRAPHISCHE MASCHINEN ; JOSEF FUNKERAA AG FAB FUR GURAFUITSUSHIE MAS ; JOS HUNKELER AG FABRIK FUER GRAPHISCHE MASCHINEN WIKON CH ; JOS HUNKELER LTD CH 4806 WIKON SWITZERLAND SWISS

Inventor(s):(std)**:** HUNKELER FRANZ ; REY MAX ; WUNDER RENATE

Inventor(s): WUNDER RENATE CH 4056 BASEL CH ; REY MAX CH 5107 SCHINZNACH DORF CH ; HUNKELER FRANZ CH 4800 ZOFINGEN CH ; MATSUKUSU REI ; RENAATE BUNDAA ; FURANTSU FUNKERAA

Designated states: DE ES FR GB IT NL SE

International class (IPC 8–9): G09F3/02 G09F3/18 (Advanced/Invention); G09F3/02 G09F3/08 (Core/Invention)

International class (IPC 1–7): B32B7/06 B32B7/12 G09F3/02 G09F3/18

CPC: Y10T428/1495 Y10T428/15 Y10T428/239 G09F3/0289

European class: G09F3/02C2

US class: 206/610 206/618 229/74 283/103 283/105 283/81 383/207 40/630 40/638 428/42 428/42.3 428/43 428/76

Classification Explorer

Cited documents: WO8604551 A1, US4586611 A, US4323608 A, US3900219 A, US3215337 A, JP59048545 B4, JP59048545 B2, JP58091770 B4, EP0157484 A2, DE2345675 A1, CH225376 A, CH225376,

0) US5052977A – MULTIPLE WEB BUSINESS FORM

56) Family number: 15341735 (US5052977A)

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Title: MULTIPLE WEB BUSINESS FORM

Priority: GB19880026247 19881109

Family:

Publication number	Publication date	Application number	Application date
AU198944501 A1	19900517	AU19890044501	19891109
AU634499 B2	19930225	AU19890044501	19891109
BRPI8905738 A	19900605	BR1989PI05738	19891109
EP0368509 A2	19900516	EP19890311000	19891025
EP0368509 A3	19901024	EP19890311000	19891025
EP0368509 B1	19940831	EP19890311000	19891025

GB8826247 A0	19881214	GB19880026247	19881109
JP2151494 A2	19900611	JP19890292113	19891109
NZ231307 A	19910226	NZ19890231307	19891107
PT92266 A	19900531	PT19890092266	19891109
PT92266 B	19950912	PT19890092266	19891109
US5052977 A	19911001	US19890435958	19891114

Probable Assignee: MOORE BUSINESS FORMS INC

Assignee(s):(std)**:** MOORE BUSINESS FORMS INC

Assignee(s): MOORE NORTH AMERICA INC

Inventor(s):(std)**:** HARII AABAIN ; HARRY IRVINE ; IRVINE HARRY

Designated states: ES FR GB IT

International class (IPC 8–9)**:** B31B27/00 B42D15/08 B42D5/02 B65D27/10 (Advanced/Invention); B31B27/00 B42D15/08 (Advanced/Non–invention); B31B27/00 B42D15/08 B42D5/00 B65D27/00 (Core/Invention)

International class (IPC 1–7)**:** B31B27/00 B41L1/20 B42D15/08 B42D5/02 B65D27/00 B65D27/06 B65D27/10

CPC: B42D5/026

European class: B42D5/02C2B

US class: 229/69 229/73 462/6

Classification Explorer

Cited documents: US4927072 A, US4852795 A, US4844329 A, US4840306 A, US4705298 A, US4669652 A, US4342472 A, US3837565 A, US3312385 A, FR2284532 A1, EP0129950 A2, EP0097421 A2, AU2325384 A1,

0) US2005129897A – DISPOSABLE SCRUBBING PRODUCT

57) Family number: 31994103 (US2005129897A) © PatBase

Title: DISPOSABLE SCRUBBING PRODUCT

Priority: US20030733169 20031211 WO2004US17637 20040603

Family:

Publication number	Publication date	Application number	Application date
AU2004304773 AA	20050707	AU20040304773	20040603
AU2004304773 BB	20091217	AU20040304773	20040603
EP1691659 A1	20060823	EP20040754284	20040603
US2005129897 AA	20050616	US20030733169	20031211
WO05060810 A1	20050707	WO2004US17637	20040603

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BEDNARZ JULIE ; CHEN FUNG JOU ; DRUECKE FRANK G ; KIMBERLY CLARK CO ; ZHOU PEIGUANG ; LINDSAY JEFFREY DEAN ; SCHRODT IVAN

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** LINDSAY JEFFREY D ; LINDSAY JEFFREY DEAN ; SCHRODT IVAN ; ZHOU PEIGUANG ; PEIGUANG ZHOU ; JULIE BEDNARZ ; JEFFREY DEAN LINDSAY ; IVAN SCHRODT ; FUNG JOU CHEN ; FRANK G DRUECKE ; BEDNARZ JULIE ; CHEN FUNG JOU ; DRUECKE FRANK G

Inventor(s): LINDSAY JEFFREY ; DRUECKE FRANK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ

GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K7/02 A47L11/00 A47L13/16 B24B7/18 B24D11/00 B24D13/14 B32B5/26 D04H13/00 (Advanced/Invention); A47K7/02 A47L13/16 B24B7/00 B24D11/00 B24D13/00 B32B5/22 D04H13/00 (Core/Invention)

International class (IPC 1–7): A47L11/00 A47L13/16 B24B7/18 B24D11/00 B24D13/14 B32B23/02 B32B3/00 B32B33/00

CPC: Y10T428/15 Y10T428/24033 Y10T428/24777 Y10T428/24785 Y10T428/24793 Y10T428/24802 Y10T428/2481 A45D2200/1018 A45D2200/1036 A47K7/02 A47L13/16 B24D11/00 B24D13/14 Y10T442/20 Y10T442/2516 Y10T442/2738 Y10T442/659 Y10T442/681 Y10T428/249923 Y10T428/249987 D04H1/425 D04H1/4374 D04H1/559 D04H1/56 B32B5/06 B32B7/06 B32B7/12 B32B27/12 B32B38/04 B32B2038/008 B32B2038/047 B32B2432/00 B32B2555/00 B32B5/26

European class: A47K7/02 A47L13/16 B24D11/00 B24D13/14 B32B5/26 D04H13/00B2 K45D200/10B2 K45D200/10B6

US class: 428/102 428/102S 428/192 428/192S 428/193 428/193S 428/194 428/194S 428/195.1 428/195.100S 428/196 428/196S 428/223 428/223S 428/318.4 428/318.400S 428/43 428/43P 428/80 428/80S 428/85 428/85S 442/122 442/122S 442/149 442/149S 442/381 442/381S 442/401 442/401S 442/59 442/59S

Classification Explorer

Cited documents: WO9302610 A1, WO0241748 A1, US6635676 BB, US6565749 BA, US6561354 BA, US6506803 BA, US6501002 BA, US6436234 BA, US6433244 BA, US6342283 BA, US6328850 BA, US6241850 BA, US6207600 BA, US6207246 BA, US6200669 BA, US6013349 A, US5989478 A, US5868933 A, US5830317 A, US5798078 A, US5759926 A, US5582907 A, US5443691 A, US5284704 A, US5213588 A, US5019211 A, US4704321 A, US4552603 A, US4437271 A, US4340563 A, US4278634 A, US3844880 A, US3802817 A, US3703739 A, US3692618 A, US3547763 A, US3542615 A, US3502763 A, US3454460 A, US3418199 A, US3341394 A, US3338992 A, US2005026527 AA, US2004077247 AA, US2004023014 AA, US2003164175 AA, US2003135181 AA, US2003118816 AA, US2003028985 AA, EP1212974 A1,

0) US2005145523A – VISUALLY COORDINATED ABSORBENT PRODUCT

58) Family number: 32061461 (US2005145523A)

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Title: VISUALLY COORDINATED ABSORBENT PRODUCT

Priority:

EP20040815843	20041229	US20030749871	20031230	US20040025645	20041228
WO2004US43848	20041229	US20120552139	20120718	US20140578252	20141219

Family:

Publication number	Publication date	Application number	Application date
AR047359 AA	20060118	AR2004P104956	20041229
AU2004312073 AA	20050721	AU20040312073	20041229
AU2004312073 BB	20100527	AU20040312073	20041229
BRPI0418288 A	20070502	BR2004PI18288	20041229
BRPI0418288 B1	20151215	BR2004PI18288	20041229
CN100430034 C	20081105	CN200480039260	20041229
CN1901862 A	20070124	CN200480039260	20041229
DE602004044650 D1	20140424	DE200460044650T	20041229
EP1708658 A1	20061011	EP20040815843	20041229
EP1708658 B1	20140319	EP20040815843	20041229
IN02387CN2006 A	20070706	IN2006CN02387	20060630
IN251329 B	20120309	IN2006CN02387	20060630

JP2007518481 T2	20070712	JP20060547545T	20041229
JP4836803 B2	20111214	JP20060547545T	20041229
KR101197354 B1	20121105	KR20067013028	20041229
KR20060109971 A	20061023	KR20067013028	20041229
RU2006123087 A	20080210	RU20060123087	20041229
RU2389460 C2	20100520	RU20060123087	20041229
US2005145523 AA	20050707	US20030749871	20031230
US2005154365 AA	20050714	US20040025645	20041228
US2012283680 AA	20121108	US20120552139	20120718
US2015105744 AA	20150416	US20140578252	20141219
US8231590 BB	20120731	US20040025645	20041228
US8936584 BB	20150120	US20120552139	20120718
WO05065605 A1	20050721	WO2004US43848	20041229

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BRYANT KRISTI JO ; HAASE DEBRA A ; HANTKE RICHARD J ; HANTKE RICHARD JOSEPH ; HEYRMAN SHEILA M ; HOERTSCH KIM ; HECK ANGELA R ; KIMBERLY CLARK CO ; HOERTSCH KIM M ; HEYRMAN SHEILA MARIE ; HECK ANGELA RAE ; KIMBERLY CLARK CORP ; ZANDER TERESA M ; LOYD ADRIENNE R ; REEVES WILLIAM G ; TOWER THEODORE T ; POZNIAK JENNIFER ; POZNIAK JENNIFER E ; WOLTMAN GARRY R ; REEVES WILLIAM GROVER ; LOYD ADRIENNE RAE ; ZANDER TERESA MARIE ; WOLTMAN GARRY ROLAND

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; BRYANT KRISTI J ; KIMBERLY CLARK WORLDWIDE INC ; KIMERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK

Inventor(s):(std)**:** ADRIENNE R LOYD ; ANGELA R HECK ; BRAJANT KRISTI DZHO ; DEBRA A HAASE ; BRYANT KRISTI J ; BRYANT KRISTI JO ; HAASE DEBRA A ; HANTKE RICHARD J ; HANTKE RICHARD JOSEPH ; HECK ANGELA R ; HECK ANGELA RAE ; HEYRMAN SHEILA MARIE ; HOERTSCH KIM ; HOERTSCH KIM M ; JENNIFER E POZNIAK ; JO BRYANT KRISTI ; KHAAZE DEBRA A ; HEYRMAN SHEILA M ; KHANTKE RICHARD DZH ; KHEK ANDZHELA R ; KHERTCH KIM M ; KIM M HOERTSCH ; KRISTI JO BRYANT ; LOJD ADRIENN R ; KHIRMEHN SHEJLA M ; LOYD ADRIENNE ; LOYD ADRIENNE R ; LOYD ADRIENNE RAE ; POZNIAK JENNIFER ; POZNIAK JENNIFER E ; POZNJAK DZHENNIFER EH ; REEV ZANDER TERESA M BRYANT KR ; REEVES WILLIAM GROVER ; REEVES WILLIAM G ; RIVS UIL JAM G ; SHEILA M HEYRMAN ; TAUEHR TEODOR T ; THEODORE T TOWER ; TOWER THEODORE T ; TSANDER TEREZA M ; UOLTMEHN GARRI R ; WILLIAM G REEVES ; WOLTMAN GARRY R ; WOLTMAN GARRY ROLAND ; ZANDER TERESA M ; ZANDER TERESA MARIE

Inventor(s): ZANDER TERESA M BONDUEL ; ZANDER TERESA M BRYANT KRISTI JO HAASE DEBRA A HEY ; ZANDER TERESA ; WOLTMAN GARRY R APPLETON ; WOLTMAN GARRY ; TOWER THEODORE T APPLETON ; TOWER THEODORE ; TERESA M ZANDER ; TERESA MARIE ZANDER ; RIVS UIL'JAM G. ; REEVES WILLIAM G APPLETON ; RICHARD J HANTKE ; RICHARD JOSEPH HANTKE ; REEVES WILLIAM ; POZNIAK JENNIFER E MENASHA ; LOYD ADRIENNE R NEENAH ; HEYRMAN SHEILA M APPLETON ; HOERTSCH KIM M NEENAH ; HEYRMAN SHEILA ; HECK ANGELA R APPLETON ; HECK ANGELA ; HANTKE RICHARD J ALPHARETTA ; HAASE DEBRA A LARSEN ; HANTKE RICHARD ; BRYANT KRISTI JO APPLETON ; GARRY R WOLTMAN ; GARRY ROLAND WOLTMAN ; HAASE DEBRA ; BRYANT KRISTI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 A61F13/00 A61F13/15 A61F13/20 A61F13/42 A61F13/472 A61F13/49 A61F13/511 A61F13/514 A61F13/515 A61F13/551 A61F13/58 A61F13/84 A61L15/00 A61L15/56 B32B7/14 B65D73/00 D21F1/00 (Advanced/Invention);
A61F13/15 (Advanced/Non–invention);
A47K10/00 A61F13/00 A61F13/15 A61F13/42 B32B7/14 D21F1/00 (Core/Invention)

International class (IPC 1–7): A47K10/16 A61F13/00 A61F13/15 A61F13/20 A61F13/42 A61L15/00 B32B7/14 D21F1/00

CPC: A61F13/51496 A47K10/16 A61F13/551 A61F13/5513 A61F13/5514 A61F13/84 A61F2013/15243 A61F2013/8497

European class: A47K10/16 A61F13/551 A61F13/551B A61F13/551B2B A61F13/84 K61F13/15J3 K61F13/84G

US class: 206/438 206/457 206/458 206/494 604/365 604/385.01 604/385.010S 604/385.02 604/385.03 604/385.04 604/385.040P 604/385.05

Classification Explorer

Cited documents: WO9960965 A1, WO9932059 A1, WO9716143 A1, WO04006818 A1, WO03068123 A2, WO03053313 A2, WO03024706 A1, WO03013409 A1, WO03013406 A1, WO0236443 A1, WO0230347 A1, WO02096331 A2, WO02083047 A1, WO0208087 A2, WO0207665 A1, WO02057156, WO0195845 A1, WO0121126 A1, WO0044325 A1, WO0038915 A1, WO0013632 A1, USH1935 H1, USH1454 H1, USH1363 H1, USD448479 S1, US6716203 BB, US6705465 BB, US6681934 BB, US6601706 BB, US6601705 BB, US6569136 BA, US6568530 BB, US6551431 BB, US6544242 BA, US6530910 BA, US6520330 BA, US6520330, US6502695 BA, US6500160 BB, US6497692 BA, US6478763 BA, US6461343 BA, US6454748 BA, US6402727 BA, US6387084 BA, US6383169 BA, US6380455 BA, US6368113 BA, US6318555 BA, US6315765 BA, US6312418 BA, US6312417 BA, US6299607 BA, US6293932 BA, US6277105 BA, US6276032 BA, US6264776 BA, US6264640 BA, US6231715 BA, US6203512 BA, US6197331 BA, US6186993 BA, US6183587 BA, US6168582 BA, US6168582 B1, US6140551 A, US6131736 A, US6129929 A, US6074376 A, US6063065 A, US6059100 A, US6045900 A, US6036679 A, US6024732 A, US6015934 A, US6015045 A, US6010001 A, US5993431 A, US5993430 A, US5986165 A, US5964741 A, US5954201 A, US5873871 A, US5868727 A, US5860965 A, US5827251 A, US5792131 A, US5769837 A, US5752945 A, US5730739 A, US5695456 A, US5694739 A, US5683377 A, US5670004 A, US5669899 A, US5612118 A, US5593395 A, US5591153 A, US5591147 A, US5591146 A, US5578026 A, US5569230 A, US5569228 A, US5527578 A, US5520676 A, US5503076 A, US5484636 A, US5478336 A, US5474818 A, US5462166 A, US5429592 A, US5413568 A, US5358499 A, US5295988 A, US5181610 A, US5178924 A, US5141505 A, US5088993 A, US5074293 A, US5052381 A, US4917675 A, US4857066 A, US4846828 A, US4801494 A, US4781712 A, US4765477 A, US4735316 A, US4692162 A, US4678465 A, US4675013 A, US4648513 A, US4623340 A, US4605403 A, US4581027 A, US4564108 A, US4556146 A, US4545372 A, US4402689 A, US4380450 A, US4376440 A, US4339485 A, US4337772 A, US4336804 A, US4213813 A, US4186743 A, US4182336 A, US4157410 A, US4085754 A, US4079739 A, US4059114 A, US4023871 A, US4023571 A, US4023570 A, US3973567 A, US3927674 A, US3913580 A, US3897783 A, US3888255 A, US3881490 A, US3877432 A, US3856014 A, US3838695 A, US3769979 A, US3727615 A, US3724466 A, US3688771 A, US3683919 A, US3672371 A, US3665923 A, US3654928 A, US3635221 A, US2008087569 AA, US2005148979 AA, US2004186448 AA, US2004122399 AA, US2004015145 AA, US2003136704 AA, US2003136529 AA, US2003130632 AA, US2003088224 AA, US2002148749 AA, US2002148749, US2002056655 AA, JP6142136 A2, JP6017725 U, JP6011724 U, JP5005117 U, JP4131224 U, JP4099920 U, JP4083232 U, JP3054633 U, JP3015513 U, JP2004510463 T2, JP2002325786 A2, JP2002069868 A2, JP2001122 U, JP2000238875 A2, GB1268262 A, EP1357046 A1, EP1327427 A1, EP1300125 A2, EP1269948 A2, EP1213001 A2, EP1174104 A1, EP1138293 A1, EP0922422 A1, EP0841049 A1,

0) US3135265A – FOOT CUSHIONING DEVICE

59) Family number: 22638769 (US3135265A)

© PatBase

Title: FOOT CUSHIONING DEVICE

Priority: US19620201613 19620611

Family:

Publication number	Publication date	Application number	Application date
US3135265 A	19640602	US19620201613	19620611

Probable Assignee: UNIVERSAL STAY CO INC

Assignee(s):(std)**:** UNIVERSAL STAY CO INC ; UNIVERSAL STAY COMPANY INC

Inventor(s):(std)**:** ALFRED HOLZMAN

Inventor(s):	HOLZMAN ALFRED
International class (IPC 8–9):	A43B17/02 (Advanced/Invention); A43B17/00 (Core/Invention)
CPC:	A43B7/142 A43B7/1445 A43B17/02
European class:	A43B17/02 A43B7/14A20A A43B7/14A20M
US class:	36/178
Classification Explorer	
Cited documents:	US2965984 A, US2439545 A, US2221202 A,

0) US3228327A – MULTIPURPOSE DUPLICATING MASTER

60) Family number: 22411222 (US3228327A) © PatBase

Title:	MULTIPURPOSE DUPLICATING MASTER
Priority:	US19620185384 19620405

Family:

Publication number	Publication date	Application number	Application date
US3228327 A	19660111	US19620185384	19620405

Probable Assignee:	JAMES RIVER DELAWARE M INC
Assignee(s):(std):	KVP SUTHERLAND PAPER CO ; KVP SUTHERLAND PAPER COMPANY
Assignee(s):	JAMES RIVER CORP ; JAMES RIVER DELAWARE M INC ; JAMES RIVER OF VIRGINIA A CORP OF VA CORP
Inventor(s):(std):	RICHARD HEFFNER JAMES
Inventor(s):	HEFFNER JAMES RICHARD
International class (IPC 8–9):	B41M5/025 B41M5/10 B41N1/14 G03F1/00 G03F1/68 (Advanced/Invention); B41M5/025 B41M5/10 B41N1/12 G03F1/00 (Core/Invention)
International class (IPC 1–7):	B41M5/02 B41M5/10 G03F1/00
CPC:	G03F1/68 B41M5/025 B41M5/10 B41N1/14
European class:	B41M5/025 B41M5/10 B41N1/14 G03F1/68
US class:	101/462 427/144 427/411
Classification Explorer	
Cited documents:	US3058827 A, US3055295 A, US3016823 A, US2729575 A, US2550326 A, US2280985 A, US2230981 A,

0) US2011009930A – INFLATABLE THERMAL BLANKET

61) Family number: 48150703 (US2011009930A) © PatBase

Title: INFLATABLE THERMAL BLANKET

Priority: US20090501661 20090713

Family:

Publication number	Publication date	Application number	Application date
US2011009930 AA	20110113	US20090501661	20090713

Probable Assignee: SURGICAL CO INT BV

Assignee(s):(std)**:** SURGICAL COMPANY HOLDING B V

Assignee(s): THE SURGICAL COMPANY HOLDING B V ; SURGICAL CO HOLDING BV ; SURGICAL CO INT BV

Inventor(s):(std)**:** OFFICIER ARTHUR EVERARDUS ; TEUNISSEN BEREND JAN

International class (IPC 8–9): A61F7/00 (Advanced/Invention)

CPC: A61F7/0097 A61F2007/006 A61F2007/0226 A61F2007/0255

European class: A61F7/00U K61F7/00D1 K61F7/02G1 K61F7/02L4R

US class: 607/104 607/104P

Classification Explorer

Cited documents: US6102936 A, US5735890 A, US4867230 A, US3867939 A, US2008098532 AA, US2006052851 AA, US2006047332 AA,

0) US5558454A – ONE–PIECE LASER/INK JET PRINTABLE DIVIDER WHICH...

62) Family number: 30418757 (US5558454A) © PatBase

Title: One–piece laser/ink jet printable divider which is folded over at the binding edge

Priority:

AU19960044118	19951130	AU19980077467	19980723	AU19990053514	19991007
CA19952206096	19951130	US19940348370	19941201	US19930116058	19930902
US19960691943	19960805	US19960698710	19960816	CA19952460454	19951130
WO1995US15514	19951130	US19980057177	19980408	US19960698984	19960816
US19980057627	19980409	US19980188437	19981109		

Family:

Publication number	Publication date	Application number	Application date
AT245546 E	20030815	AT19950942942T	19951130
AU199644118 A1	19960619	AU19960044118	19951130
AU199877467 A1	19981001	AU19980077467	19980723
AU199953514 A1	19991216	AU19990053514	19991007
AU690411 B2	19980423	AU19960044118	19951130
AU712290 B2	19991104	AU19980077467	19980723
AU731259 B2	20010329	AU19990053514	19991007
AU731259 C	20020613	AU19990053514	19991007
CA2206096 AA	19970527	CA19952206096	19951130
CA2206096 C	20040427	CA19952206096	19951130
CA2460454 AA	19960606	CA19952460454	19951130
CA2460454 C	20051004	CA19952460454	19951130
CN1078856 C	20020206	CN19951097417	19951130
CN1174534 A	19980225	CN19951097417	19951130
DE69531358 D1	20030828	DE19956031358	19951130
DE69531358 T2	20040527	DE19956031358T	19951130

EP0800461 A1	19971015	EP19950942942	19951130
EP0800461 A4	19980211	EP19950942942	19951130
EP0800461 B1	20030723	EP19950942942	19951130
JP10509925 T2	19980929	JP19960519034T	19951130
JP3690422 B2	20050831	JP19960519034	19951130
MX9704025 A1	19980228	MX19970004025	19951130
US5558454 A	19960924	US19940348370	19941201
US5743566 A	19980428	US19960698710	19960816
US5792297 A	19980811	US19960698984	19960816
US5836710 A	19981117	US19960691943	19960805
US6004062 A	19991221	US19980057177	19980408
US6068423 A	20000530	US19980188437	19981109
US6071030 A	20000606	US19980057627	19980409
WO9616824 A1	19960606	WO1995US15514	19951130

Probable Assignee: CCL LABEL INC

Assignee(s):(std)**:** AVERY DENNISON CORP

Assignee(s): AVERY DENNISON CORP PASADENA ; CCL LABEL INC ; OWEN SONIA

Inventor(s):(std)**:** HUNTER JEFFREY C ; OWEN S ; OWEN SONIA ; RAY GUSTAV ALLEN ; S OWEN ; SONIA OWEN

Designated states: AL AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG UZ VN

International class (IPC 8–9): B42F13/00 B42F17/12 B42F21/00 B42F21/02 B42F21/06 B42F21/12
B42F3/00 (Advanced/Invention);
B42F3/00 (Advanced/Non–invention);
B42F13/00 B42F21/00 (Core/Invention)

International class (IPC 1–7): B41M7/00 B42D1/00 B42D15/00 B42F13/00 B42F21/02 B42F21/06 B42F3/00

CPC: B42F21/12 B42F21/00 B42F13/00 B42F17/12 B42P2241/22 Y10T156/1026 Y10T156/1195 Y10T428/14 Y10T428/15 Y10T428/19 Y10T428/24488

European class: B42F13/00 B42F17/12 B42F21/00 B42F21/12 L42P241/22

US class: 156/211 156/247 156/277 156/344 156/719 281/2 281/38 281/5 283/36 283/37 283/41 347/106 402/79 402/80R 428/157 428/40.1 428/43 428/57 428/77 428/78 428/84

Classification Explorer

Cited documents: WO9732737 A1, WO9324336 A1, US764701 A, US612078 A, US5836710 A, US5743566 A, US5599128 A, US5571587 A, US5558454 A, US5540513 A, US5524998 A, US5503435 A, US5466502 A, US5462783 A, US5452062 A, US5401058 A, US5340427 A, US5299879 A, US5245397 A, US5187888 A, US5183228 A, US5180461 A, US5138228 A, US5135261 A, US5087238 A, US5076490 A, US5033899 A, US5016370 A, US4990018 A, US4984906 A, US4966644 A, US4962603 A, US4961666 A, US4952433 A, US4952091 A, US4911777 A, US4910066 A, US4887925 A, US4884826 A, US4803795 A, US4802692 A, US4784508 A, US4779897 A, US4773676 A, US4662770 A, US4643455 A, US4643452 A, US4636179 A, US4615929 A, US4568108 A, US4560600 A, US4551374 A, US4528054 A, US4479733 A, US4463452 A, US4448443 A, US4447481 A, US4446183 A, US4431325 A, US4430015 A, US4422672 A, US4243458 A, US4127690 A, US4051285 A, US3503834 A, US2316384 A, US2037579 A, US2007262 A, US1769395 A, US1559129 A, JP57098082 A2,

0) US4529229A – LABELS

63) Family number: 4811837 (US4529229A)

© PatBase

Title: LABELS

Priority: EP19820107946 19820830 GB19820009902 19820402

Family:

Publication number	Publication date	Application number	Application date
AT21460 E	19860815	AT19820107946T	19820830
DE3272581 D1	19860918	DE19823272581	19820830
EP0090882 A1	19831012	EP19820107946	19820830
EP0090882 B1	19860813	EP19820107946	19820830
US4529229 A	19850716	US19830477252	19830321

Probable Assignee: LABELTECH LIMITED

Assignee(s):(std)**:** LABELTECH LIMITED ; LABELTECH LTD

Inventor(s):(std)**:** ESTATE ; GLIBBERY ALAN E ; GLIBBERY ALAN E C O LABELTECH

Inventor(s): GLIBBERY ALAN E C O LABELTECH LIMITE ; GLIBBERY ALAN E C O LABELTECH LIMITED ; GLIBBERY ALAN E C O LABELTECH LTD

Designated states: AT BE CH DE FR GB IT LI LU NL SE

International class (IPC 8–9)**:** G09F3/02 (Advanced/Invention); G09F3/02 (Core/Invention)

International class (IPC 1–7)**:** B42D15/00 G09F3/02 G09F3/10

CPC: G09F3/0289 Y10T428/14 Y10T428/24215 Y10T428/24264 G09F3/02

European class: G09F3/02 G09F3/02C2

US class: 283/75 283/81 428/124 428/130 428/40.1

Classification Explorer

Cited documents: US4128954 A, US4103821 A, US3740081 A, US2975091 A, US2706865 A, US1896834 A, GB1398912 A, FR2402264 A1, EP0087987 A1, EP0043179 A1,

0) US4576794A – THE DEVICE CONSISTS OF A BASE SHEET OF IMPERMEA...

64) Family number: 2203828 (US4576794A)

© PatBase

Title: The device consists of a base sheet of impermeable plastic such as vinyl, or the like, and a guaiac stool receptor sheet...

Priority: CA19860502550 19860224 EP19860102216 19860220 US19850704962 19850225

Family:

Publication number	Publication date	Application number	Application date
AR243283 A1	19930730	AR19860303226	19860225
AT76508 E	19920615	AT19860102216T	19860220
AU198653744 A1	19860828	AU19860053744	19860219
AU587013 B2	19890803	AU19860053744	19860219
BRPI8600768 A	19861104	BR1986PI00768	19860224
CA1269597 A1	19900529	CA19860502550	19860224
DE0193115 T1	19870611	DE19860102216T	19860220
DE3685344 D1	19920625	DE19863685344	19860220
EP0193115 A2	19860903	EP19860102216	19860220
EP0193115 A3	19870325	EP19860102216	19860220
EP0193115 B1	19920520	EP19860102216	19860220
JP4071466 B4	19921113	JP19860040114	19860225

JP61230057 A2	19861014	JP19860040114	19860225
US4576794 A	19860318	US19850704962	19850225
US4804518 A	19890214	US19850704962D	19850225

Probable Assignee: LEVINE R A

Assignee(s):(std)**:** LEVINE R A ; LEVINE ROBERT A ; WARDLAW S C ; LEVINE ROBERT AARON Y WARDLAW ; ROBAATO EI REBIN ; SUCHIIBUN SHII WAADOROU ; WARDLAW STEPHEN C ; WARDLAW STEPHEN CLARK

Assignee(s): WARDLAW STEPHEN CLARK OLD SAYBROOK CONN ; WARDLAW STEPHEN CLARK BRANFORD CONN US ; WARDLAW STEPHEN CLARK OLD SAYBROOK CONN US ; WARDLAW STEPHEN CLARK BRANFORD CONN ; STEPHEN C WARDLAW ; LEVINE ROBERT AARON GUILFORD CONN ; LEVINE ROBERT AARON GUILFORD CONN US ; LEVINE ROBERT AARON Y WARDLAW STEPHEN CLARK ; ROBERT A LEVINE ; SUCHIIBUN SHII WAADORO ; LEVINE ROBERT AARON ; LEVINE R A WARDLAW S C ; LEVINE RA WARDLAW SC

Inventor(s):(std)**:** LEVINE ROBERT A ; LEVINE ROBERT AARON ; ROBAATO EI REBIN ; SUCHIIBUN SHII WAADOROU ; WARDLAW STEPHEN C ; WARDLAW STEPHEN CLARK

Inventor(s): WARDLAW STEPHEN CLARK BRANFORD CONN ; WARDLAW STEPHEN CLARK BRANFORD CONN US ; WARDLAW STEPHEN CLARK OLD SAYBROOK CONN ; WARDLAW STEPHEN CLARK OLD SAYBROOK CONN US ; ROBERT A LEVINE ; STEPHEN C WARDLAW ; SUCHIIBUN SHII WAADORO ; LEVINE ROBERT AARON GUILFORD CONN ; LEVINE ROBERT AARON GUILFORD CONN US

Designated states: AT BE CH DE FR GB IT LI LU NL SE

International class (IPC 8–9): C12Q1/28 G01N33/48 G01N33/50 G01N33/52 G01N33/72 (Advanced/Invention); C12Q1/28 G01N33/48 G01N33/50 (Advanced/Non–invention); C12Q1/28 G01N33/48 G01N33/50 G01N33/52 G01N33/72 (Core/Invention); C12Q1/28 (Core/Non–invention)

International class (IPC 1–7): B65D83/08 B65D85/62 C12Q1/28 G01N21/78 G01N33/48 G01N33/49 G01N33/50 G01N33/52 G01N33/72

CPC: Y10S435/805 G01N33/726 G01N33/528

European class: G01N33/52D G01N33/72B6

US class: 422/401 422/421 422/56 422/58 422/61 435/28 435/805 436/66

Classification Explorer

Cited documents: US4559949 A, US4541987 A, US4486536 A, US4420353 A, US4367750 A, US4365970 A, US4328184 A, US4273741 A, US4259964 A, US4225557 A, US4175923 A, US3996006 A, JP60073462, JP59204765, JP59168370, JP57190266, GB2147416 A1, GB2031583 A1, EP0124215 A2, EP0124214 A2, EP0064392 A1, AU8301082 A1, AU7980082 A1, AU2470884 A1,

0) US2010297309A – PACKAGE

65) Family number: 43573737 (US2010297309A)

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Title: PACKAGE

Priority: EP20090706069 20090126 JP20080015908 20080128 WO2009JP51670 20090126 JP20130034976 20130225

Family:

Publication number	Publication date	Application number	Application date
BRPI0906828 A2	20150714	BR2009PI06828	20090126
CN101925523 A	20101222	CN200980103539	20090126
CN102556498 A	20120711	CN201110416682	20090126
CN102556498 B	20141112	CN201110416682	20090126
EP2236436 A1	20101006	EP20090706069	20090126
EP2236436 A4	20121226	EP20090706069	20090126
EP2236436 B1	20170329	EP20090706069	20090126
ES2621811 T3	20170705	ES20090706069T	20090126
HK1172304 A1	20150821	HK20120113070	20110505
JP2009173322 A2	20090806	JP20080015908	20080128
JP2013144577 A2	20130725	JP20130034976	20130225
JP5401040 B2	20140129	JP20080015908	20080128
JP5503038 B2	20140528	JP20130034976	20130225
KR101588473 B1	20160125	KR20107017331	20090126
KR20100114060 A	20101022	KR20107017331	20090126
MY154084 A	20150430	MY20100003521	20090126
TR201706127 T4	20170522	TR20170006127T	20090126
TW200946415 A	20091116	TW20090103148	20090123
TWI483874 B	20150511	TW20090103148	20090123
US2010297309 AA	20101125	US20090864274	20090126
VN14204 A1	20150727	VN20100002246	20090126
WO09096573 A1	20090806	WO2009JP51670	20090126

Probable Assignee: LOTTE CO LTD

Assignee(s):(std)**:** LOTTE CO LTD ; OGAKI MITSUKO ; ONOGI ATSUSHI

Assignee(s): LOTTE CO

Inventor(s):(std)**:** OGAKI MITSUKO ; ONOGI ATSUSHI ; ONOKI ATSUSHI ; MITSUKO OGAKI ; ATSUSHI ONOGI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65D5/66 B65D75/38 B65D75/62 B65D77/00 B65D77/02 B65D85/60 (Advanced/Invention);
B65D75/38 B65D75/62 B65D85/60 (Advanced/Non–invention);
B65D75/38 B65D75/52 B65D85/60 (Core/Invention);
B65D77/00 B65D85/60 (Core/Non–invention);
B65D (Subclass/Invention)

International class (IPC 1–7): B65D75/38 B65D75/62 B65D85/60

CPC: B65D5/2057 B65D75/14 B65D75/5827 B65D77/02 B65D2313/10 B65D75/38 B65D85/60

European class: B65D5/20E1 B65D75/38 B65D75/58E B65D77/02 B65D85/60 L65D313/10 L65D75/14

US class: 426/108 426/108P

Classification Explorer

Cited documents: WO08155626 A2, WO08002394 A1, US2346564 A, US2289028 A, US2192473 A, US2192472 A, US2128843 A, US2074451 A, US2074451, US2005269233 AA, US2005255199 AA, US2005252817 AA, US2005252809 AA, US2003080020 AA, US1993487 A, US1861285 A, US1805418 A, US1805417 A, JPS5737883 U, JPS4737883 U, JP7011569 U1, JP7011569 U1, JP7011569 U, JP7011569 U, JP57037883 U1, JP57037883 U, JP4737883 U, JP4737883, JP47037883 U1, JP47037883 U, JP47037883 U, JP47037883 U, JP47037883 B4, JP3955356 B2, JP3955355 B2, JP3955355 B2, JP3955355 B1, JP2008501586 T2, JP2008501586, JP2007537103 T2, JP2007537103 T2, JP2007537103, JP2002179072 A2,

JP2002179072, JP2001240126 A2, JP2001240126, JP11268724 A2, JP11268724, JP1101221, JP11001221 A2, JP11001221, JP0711569 U,

0) US2004091393A – MICROSCOPE SLIDE SYSTEM AND METHOD OF USE

66) Family number: 11233667 (US2004091393A) © PatBase

Title: MICROSCOPE SLIDE SYSTEM AND METHOD OF USE

Priority:

CA19982322799	19980320	US19970041280P	19970321	US19970870242	19970605
US20000673671	20000907	US19970870242P	19970605	US19970870242P	19970605
WO1998CA00249	19980320	US20030699745	20031104		

Family:

Publication number	Publication date	Application number	Application date
AU199864927 A1	19981020	AU19980064927	19980320
CA2322799 AA	20000908	CA19982322799	19980320
CA2322799 C	20030527	CA19982322799	19980320
CA2416360 AA	19981001	CA19982416360	19980320
EP0968451 A1	20000105	EP19980910560	19980320
US2004091393 AA	20040513	US20030699745	20031104
US6052224 A	20000418	US19970870242	19970605
WO9843123 A1	19981001	WO1998CA00249	19980320

Probable Assignee: 1192062 ALBERTA LTD

Assignee(s):(std)**:** NORTHERN EDGE ASSOCIATES ; NORTHERN EDGE ASSOCIATES INC ; RICHARDSON TIMOTHY ; RICHARDSON TIMOTHY M

Assignee(s): 1192062 ALBERTA LTD ; RICHARDSON TECHNOLOGIES INC

Inventor(s):(std)**:** RICHARDSON TIMOTHY ; RICHARDSON TIMOTHY M

Inventor(s): TIMOTHY M RICHARDSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class (IPC 8–9): B01L3/00 G02B21/34 (Advanced/Invention)

International class (IPC 1–7): B01L3/00 G01N21/00 G01N21/01 G02B21/34

CPC: Y10T436/25 G02B21/34 B01L3/508 B01L2300/0822 B01L2300/0877

European class: B01L3/508 C12M1/00 G02B21/34 L01L300/08B8 L01L300/08E10

US class: 359/398 422/400 422/400P 422/57 422/57P 436/174 436/174S

Classification Explorer

Cited documents: WO9531529 A1, US6052224 A, US5571721 A, US5349437 A, US5349436 A, US4849340 A, US4845038 A, US4790640 A, US4674846 A, US4595561 A, US4387972 A, US4231660 A, US4230031 A, US3879106 A, US3763042 A, US3620596 A, US3556633 A, US3551023 A, US3532412 A, US3482898 A, EP3915920, EP0617282 A2, DE3915920 A1,

0) EP0346567A2 – LABEL CONSTRUCTION. ETIKETTKONSTRUKTION. CONSTR...

67) Family number: 17790492 (EP0346567A2) © PatBase

Title: LABEL CONSTRUCTION.

Priority: DE19880007642U 19880611

Family:

Publication number	Publication date	Application number	Application date
DE8807642 U1	19880908	DE19880007642U	19880611
EP0346567 A2	19891220	EP19890103454	19890228
EP0346567 A3	19900816	EP19890103454	19890228

Probable Assignee: CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG GMBH AND CO 2000 HAMBURG DE

Assignee(s):(std): CHALCOGRAPHIE DRUCK AND PAPIER ; CHALCOGRAPHIE DRUCK U PAPIER

Assignee(s): CHALCOGRAPHIE DRUCK U PAPIERVERARBEITUNG REINGOLD AND WILCK GMBH AND CO KG ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOL ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG GMBH AND CO 2000 HAMBURG DE ; CHALCOGRAPHIE DRUCK UND PAPIERVERARBEITUNG REINGOLD AND WILCK KG GMBH AND CO

Inventor(s):(std): WILCK KARL HEINRICH

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): G09F3/02 (Advanced/Invention); G09F3/02 (Core/Invention)

International class (IPC 1–7): B32B7/06 C09J7/02 G09F3/02

CPC: G09F3/0289

European class: G09F3/02C2

Classification Explorer

Cited documents: WO8604551 A1, US4621837 A, EP0304242 A2, EP0252608 A1, EP0087987 A1, DE8800071 U, DE8109118 U, DE3322099 A1,

0) US2001054562A – BARRIER MATERIAL

68) Family number: 28139762 (US2001054562A) © PatBase

Title: BARRIER MATERIAL

Priority: SE19970002748 19970718 WO1998SE01383 19980713

Family:

Publication number	Publication date	Application number	Application date
AT284310 E	20041215	AT19980934097T	19980713
AU199883696 A1	19990210	AU19980083696	19980713
AU724491 B2	20000921	AU19980083696	19980713
BRPI9810922 A	20000815	BR1998PI10922	19980713
CA2296571 AA	20000117	CA19982296571	19980713
CN1087222 C	20020710	CN19988009073	19980713
CN1270553 A	20001018	CN19988009073	19980713
DE69828055 D1	20050113	DE19986028055	19980713
EP0996542 A1	20000503	EP19980934097	19980713
EP0996542 B1	20041208	EP19980934097	19980713
HU0003782 AB	20010328	HU20000003782	19980713
HU0003782 AC	20020228	HU20000003782	19980713

IL134088 A0	20010430	IL19980134088	19980713
IL134088 A1	20031210	IL19980134088	19980713
JP2001510106 T2	20010731	JP20000502939T	19980713
KR20010021958 A	20010315	KR20007000523	20000117
NO20000197 A	20000114	NO20000000197	20000114
NO20000197 A0	20000114	NO20000000197	20000114
PL338087 A1	20000925	PL19980338087	19980713
RU2000101303 A	20020427	RU20000101303	19980713
RU2184656 C2	20020710	RU20000101303	19980713
SE9702748 A0	19970718	SE19970002748	19970718
TR200000130 T2	20000621	TR20000000130T	19980713
US2001054562 AA	20011227	US19980125888	19980827
WO9903677 A1	19990128	WO1998SE01383	19980713

Probable Assignee: ASTRA AKTIEBOLAG

Assignee(s):(std)**:** ASTRA TECH AB ; ASTRA TECH AB MOELNDAL ; PETTERSSON AGNETA ; UTA JAN ; ASTRA AB

Assignee(s): ASTRA AKTIEBOLAG ; ASTRA AKTIEBOLAG SOEDERTALJE ; UTAS JAN ; ASTRAZENECA AB

Inventor(s):(std)**:** PETTERSSON A ; PETTERSSON AGNETA ; PETTERSSON AGNETA PETTERSSON AGNETA ; UTA J ; UTA JAN ; UTA JAN UTA JAN ; UTAS JAN

Inventor(s): J UTA ; A PETTERSSON ; AGNETA PETTERSSON ; JAN UTA ; JAN UTAS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class (IPC 8–9): A61J1/05 A61L2/20 A61M25/00 A61M25/01 B32B27/06 B32B27/08 B32B27/20 B32B27/32 B32B33/00 B32B9/00 B65B55/02 B65B55/18 B65D65/40 (Advanced/Invention); A61J1/05 A61L2/20 A61M25/00 A61M25/01 B32B27/06 B32B27/20 B32B27/32 B32B33/00 B32B9/00 B65D65/40 (Advanced/Non–invention); A61J1/05 A61L2/20 A61M25/00 A61M25/01 B32B27/06 B32B27/08 B32B27/20 B32B27/32 B32B33/00 B32B9/00 B65B55/02 B65D65/40 (Core/Invention)

International class (IPC 1–7): A61B17/06 A61B19/02 A61J1/05 A61L15/00 A61L2/20 A61M25/00 A61M25/01 B23B27/06 B32B B32B1/00 B32B27/06 B32B27/20 B32B27/32 B32B33/00 B32B9/00 B65B55/18 B65D65/40 B65D73/00 B65D81/24 B65D83/10

CPC: Y10T428/265 B32B27/08 B65B55/02 B65B55/18

European class: B32B27/08 B65B55/02 B65B55/18

US class: 206/21 206/210 206/364 206/438 206/484 428/336

Classification Explorer

Cited documents: WO9726937 A1, US3967728 A, US3442686 A, JP5084276, EP0550039 A2,

0) US3329331A – RESEALABLE CONTAINERS AND FLEXIBLE LAMINATE THE...

69) Family number: 22970695 (US3329331A)

© PatBase

Title: RESEALABLE CONTAINERS AND FLEXIBLE LAMINATE THEREFOR

Priority: US19640336794 19640109

Family:

Publication number	Publication date	Application number	Application date
US3329331 A	19670704	US19640336794	19640109

Probable Assignee: MORGAN ADHESIVES CO

Assignee(s):(std)**:** MORGAN ADHESIVES CO

Assignee(s): MORGAN ADHESIVES COMPANY

Inventor(s):(std)**:** MORGAN BURTON D

International class (IPC 8–9)**:** B65D75/26 (Advanced/Invention); B65D75/26 (Core/Invention)

International class (IPC 1–7)**:** B65D85/10

CPC: B65D75/26 Y10T428/1476 Y10T428/24479 Y10T428/31844

European class: B65D75/26

US class: 229/125.09 229/247 229/5.83 383/211 426/127 426/128 428/156 428/41.8 428/497

Classification Explorer

Cited documents: US3259507 A, US3154329 A, US3028280 A, US2882183 A, US2816665 A, US2800214 A, US2745592 A, US2515423 A, US2317223 A, US2063999 A,

0) US4698646A – THERMAL TRANSFER RECORDING SYSTEM

70) Family number: 5405948 (US4698646A) © PatBase

Title: Thermal transfer recording system

Priority: JP19840192795 19840914 JP19840192796 19840914 US19850772709 19850905 JP19840192798 19840914

Family:

Publication number	Publication date	Application number	Application date
JP1990923 C3	19951122	JP19840192796	19840914
JP61069479 A2	19860410	JP19840192796	19840914
JP61069480 A2	19860410	JP19840192798	19840914
JP61069492 A2	19860410	JP19840192795	19840914
JP7012722 B4	19950215	JP19840192796	19840914
US4698646 A	19871006	US19870004285	19870106

Probable Assignee: NIPPON KOGAKU KK

Assignee(s):(std)**:** NIPPON KOGAKU KK

Assignee(s): NIPPON KOGAKU NIKON KK ; NIKON CORP ; NIPPON KOGAKU K K

Inventor(s):(std)**:** MITSUISHI TSUTOMU ; NAITO KAORU ; OGAWA MAKOTO ; SATO HIROSHI ; SATO TAKESHI ; SATOH TSUYOSHI ; TOYODA KENJI

International class (IPC 8–9)**:** B41J11/58 B41J17/16 B41J17/22 B41J17/32 B41J31/10 B41M5/26 B41M5/382 H04N1/50 (Advanced/Invention); B41J11/58 B41J17/00 B41J17/22 B41J17/32 B41J31/10 B41M5/26 H04N1/50 (Core/Invention)

International class (IPC 1–7)**:** B41J11/58 B41J17/22 B41J17/32 B41J31/10 B41M5/26 G01D15/10

CPC: H04N1/508 B41J17/16

European class: B41J17/16 H04N1/50D2

US class: 101/409 346/105 346/106 346/76PH 347/214 347/222 400/120 400/208 400/613 400/624

Classification Explorer

Cited documents: US4527172 A, US4504837 A, JP56095854 B4, JP55011899 A2,

0) US5238720A – MOLDED–IN LABEL WITH REMOVABLE PORTION

71) Family number: 11265880 (US5238720A) © PatBase

Title: MOLDED–IN LABEL WITH REMOVABLE PORTION

Priority: US19910695369 19910503

Family:

Publication number	Publication date	Application number	Application date
US5238720 A	19930824	US19910695369	19910503

Probable Assignee: W S PACKAGING GROUP INC

Assignee(s):(std)**:** MENASHA CORP

Assignee(s): PROMO EDGE CO ; W S PACKAGING GROUP INC ; WISCONSIN LABEL CORP ; WS PACKAGING GROUP INC ; W S PACKAGING HOLDINGS INC ; W S PACKAGING INTERMEDIATE INC ; ANTARES CAPITAL LP ; GENERAL ELECTRIC CAPITAL CORP ; LABEL UNIVERSE INC ; MENASHA A WI CORP CORP

Inventor(s):(std)**:** VOLKMAN JAMES B

International class (IPC 8–9)**:** G09F3/04 (Advanced/Invention); G09F3/04 (Core/Invention)

International class (IPC 1–7)**:** A61F13/02

CPC: G09F3/04 Y10T428/1303 Y10T428/1452 Y10T428/2848 Y10T428/2878

European class: G09F3/04

US class: 264/509 264/510 283/101 283/81 40/306 40/310 40/630 428/34.2 428/342 428/354 428/355 428/355EN 428/40 428/41.3

Classification Explorer

Cited documents: US5031938 A, US5024014 A, US4904324 A, US4883697 A, US4846504 A, US4729864 A, US4601926 A, US4528055 A, US4479838 A, US3108850 A, JP53005600 A2, GB1158464 A,

0) US5772332A – CONTAINER HAVING A RECTANGULAR BASE AND ITS MAN...

72) Family number: 18769360 (US5772332A) © PatBase

Title: CONTAINER HAVING A RECTANGULAR BASE AND ITS MANUFACTURING

Priority: DE19951081417 19951002 IL19940111114 19940930 WO1995US12264 19951002 US19960666279 19960620

Family:

Publication number	Publication date	Application number	Application date
AT193264 E	20000615	AT19950935117T	19951002
AU199537255 A1	19960426	AU19950037255	19951002
AU698626 B2	19981105	AU19950037255	19951002
BRPI9509117 A	19971118	BR1995PI09117	19951002
CA2200958 AA	19970325	CA19952200958	19951002
CN1081586 C	20020327	CN19951096029	19951002
CN1162293 A	19971015	CN19951096029	19951002
DE19581417 T	19980122	DE19951081417T	19951002
DE19581417 T0	19980122	DE19951081417T	19951002
DE19581417 T1	19980122	DE19951081417T	19951002
DE29521183 U1	19960926	DE19952021183U	19951002
DK0783442 T3	20000814	DK19950935117T	19951002
EP0783442 A1	19970716	EP19950935117	19951002
EP0783442 B1	20000524	EP19950935117	19951002
ES2145928 T3	20000716	ES19950935117T	19951002
GR3034077 T3	20001130	GR20000401769T	20000731
HK1001392 A1	20000908	HK19980100285	19980114
IL111114 A0	19941128	IL19940111114	19940930
IL111114 A1	19981126	IL19940111114	19940930
JP2888645 B2	19990510	JP19950511955T	19951002
JP9511477 T2	19971118	JP19960511955T	19951002
KR19977006183 A	19971103	KR19977002093	19951002
MX9702352 A1	19971231	MX19970002352	19951002
PT783442 T	20000929	PT19950935117T	19951002
RU2194659 C2	20021220	RU19970107002	19951002
RU97107002 A	19990520	RU19970107002	19970430
TW276235 B	19960521	TW19950110065	19950926
US5772332 A	19980630	US19960666279	19960620
US6231237 BA	20010515	US19980030807	19980226
WO9610524 A2	19960411	WO1995US12264	19951002
WO9610524 A3	19960725	WO1995US12264	19951002

Probable Assignee: GELLER AVNER

Assignee(s):(std)**:** ATIFON LTD ; GELLER AVNER ; AVNER GELLER ; AVNER GELLER CORP ; ATIFON CORP

Assignee(s): ATIFON CORP NEW YORK N Y US ; ATEIFUON LTD ; ATIFON LTD HOLON IL ; YIWEI NI SPENGLER

Inventor(s):(std)**:** GELLER AVNER ; AVNER GELLER

Inventor(s): GERAA ABUNERU ; GELLER AVNER TEL AVIV IL

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA UG US UZ VN

International class (IPC 8–9): B31B1/26 B31B1/64 B31B17/60 B31B37/00 B31B39/00 B65D30/16 B65D33/02 B65D33/06 B65D33/36 B65D75/00 B65D75/06 B65D75/56 B65D75/58 B65D77/06 B65D77/26 H01L33/00 (Advanced/Invention);
B65D30/16 B65D77/06 (Advanced/Non–invention);
B31B1/00 B31B1/60 B31B37/00 B31B39/00 B65D30/16 B65D33/02 B65D75/00 B65D75/04 B65D75/52 B65D77/06 B65D77/24 H01L33/00 (Core/Invention)

International class (IPC 1–7): B31B1/26 B31B1/64 B31B17/60 B31B37/00 B31B41/00 B31B41/64 B65D30/02 B65D30/10 B65D30/16 B65D30/18 B65D33/02 B65D33/06 B65D33/08 B65D33/36 B65D75/00 B65D75/06 B65D75/56 B65D75/58 B65D77/06 B65D77/26

CPC: B29C65/7847 B29L2031/7128 B29C66/431 B29C66/4312 B29C66/43122 B29C66/432 B29C65/18 B29C66/1122 B29C66/43 B29C66/63 B29K2077/00 B29C66/83413 B29C66/83513 B29C66/83221 B29C66/71 B29C66/73921 B65D75/5883 B65D33/02 B65D75/008 B65D75/566 B31B50/18 B31B70/81 B31B2155/00 B31B2155/0014 B31B2160/20 B31B2170/20 B29C66/723

European class: B29C65/18 B29C66/1122 B29C66/43 B29C66/63 B31B37/00 B65D33/02 B65D75/00E B65D75/56C B65D75/58G3C L29K77/00 L29L31/7128 L31B201/14F1 L31B219/90 L31B237/05 L31B237/20

US class: 220/9.1 383/104 383/119 383/122 383/33 383/93 383/94 493/218

Classification Explorer

Cited documents: WO9008704 A2, WO8912006 A1, US5772332 A, US5352043 A, US5350240 A, US5205651 A, US5073035 A, US5059036 A, US4947525 A, US4890772 A, US4848931 A, US4810109 A, US4779998 A, US4718738 A, US4500021 A, US4377192 A, US4361235 A, US4353497 A, US4041851 A, US3980225 A, US3974747 A, US3743172 A, US3739977 A, US3554434 A, US3462067 A, US3434652 A, US3172796 A, US3136475 A, US2936940 A, US2143957 A, US1671050 A, US1648890 A, US1255133 A, JPS62501969, JP62501969 T2, JP6122456 A2, JP58149341 A2, JP57044530 A2, JP54002320 A2, JP51153508 U1, JP51153508 U, JP5077838 A2, JP46000588 Y1, JP40022240 Y1, JP1138763 A2, IL19201 A1, GB1598843 A, FR2171001 A1, FR1431079 A, FR1077359 A, EP0524487 A1, EP0052151 A1, DE4226337 A1, DE3904847 A1, DE348106 A, DE327509 A, DE2801851 A1, DE2652454 A1, DE2440491 A1, DE1877437 U, DE1281140 B, CH348106 A, CH348106, AU5248359 A1, AU237936 A1,

0) US4379696A – LATEX MYLAR CHIP

73) Family number: 3808456 (US4379696A) © PatBase

Title: LATEX MYLAR CHIP

Priority: US19810233843 19810212 US19820450690 19821217

Family:

Publication number	Publication date	Application number	Application date
AU198321840 A1	19840621	AU19830021840	19831130
DE3345031 A1	19840620	DE19833345031	19831213
DE3345031 C2	19931104	DE19833345031	19831213
GB2131995 A1	19840627	GB19830033274	19831214
GB8333274 A0	19840118	GB19830033274	19831214
IT1171889 A	19870610	IT19830049498	19831213
IT8349498 A0	19831213	IT19830049498	19831213
JP1849847 C3	19940621	JP19830238713	19831217
JP5040315 B4	19930617	JP19830238713	19831217
JP59142584 A2	19840815	JP19830238713	19831217
MX167692 B	19930405	MX19830199756	19831215
NO834623 A	19840618	NO19830004623	19831215
US4379696 A	19830412	US19810233843	19810212
US4379696 B1	19910115	US19810233843	19810212
US4457718 A	19840703	US19820450690	19821217

Probable Assignee: COLOR COMMUNICATIONS

Assignee(s):(std)**:** COLOR COMMUNICATIONS

Assignee(s): COLOR COMMUNICATIONS INC ; COLOR COMMUNICATIONS INC CHICAGO ILL US ; COLOR COMUNICATIONS INC ; LASALLE BANK NATIONAL ASSOCIATION ; KARAA KOMIYUNIKEESHIYONZU INC ; COLOR COMUNICATIONS INC A CORP OF ILL ; CMCOLOR LLC

Inventor(s):(std)**:** LERNER STANLEY ; STANLEY LERNER ; SUTANREE RAANAA

Inventor(s):	LERNER STANLEY HIGHLAND PARK ILL
International class (IPC 8–9):	B32B27/00 B32B27/18 B44C1/17 G09F5/00 G09F5/04 (Advanced/Invention); B32B27/00 B32B27/18 G09F5/00 (Advanced/Non–invention); B44C1/17 G09F5/00 (Core/Invention)
International class (IPC 1–7):	A44B7/00 B05D3/00 B05D5/04 B32B27/00 B32B27/10 B32B27/30 B32B27/32 B32B3/10 B44D3/00 C08J7/04 C08K3/34 C08K3/36 C08K5/10 C08L33/08 C08L33/12 C09D133/08 G09F1/00 G09F5/00 G09F5/04 G09F7/00
CPC:	Y10T428/15 Y10T428/259 Y10T428/266 Y10T428/269 G09F5/04 B44C1/172
European class:	B44C1/17F4 G09F5/04
US class:	206/472 206/81 40/492 428/331 428/337 428/339 428/43 434/367 434/98
Classification Explorer	
Cited documents:	US4379696 A, US4146031 A, US4104809 A, US4061521 A, US4061421 A, US4058645 A, US3967009 A, US3753769 A, US3511213 A, US3434227 A, US3335029 A, US3322605 A, US3312563 A, US3234038 A, US3224113 A, US3158495 A, US3043710 A, GB1572345 A, GB1509791 A, GB1234969 A, GB1232971 A, GB1109746 A, GB1010939 A,

0) DE2917182A1 – SPIELSCHEIN MIT VERDECKTER INFORMATION LOTTERY ...

74) Family number: 1792666 (DE2917182A1) © PatBase

Title:	SPIELSCHEIN MIT VERDECKTER INFORMATION LOTTERY GAME TICKET – HAS INFORMATION CONCEALED BY A PERFORATED TEAR LINE EXTENDING THROUGH COVER AND BASE SHEET
Priority:	DE19792917182 19790427

Family:

Publication number	Publication date	Application number	Application date
DE2917182 A1	19801106	DE19792917182	19790427
DE2917182 C2	19840301	DE19792917182	19790427

Probable Assignee:	CANADIAN TAG AND LABEL LTD
Assignee(s):(std):	CANADIAN TAG AND LABEL LTD
Assignee(s):	CANADIAN TAG AND LABEL LTD SPARTA MICH US
Inventor(s):(std):	KOZA JOHN R
Inventor(s):	KOZA JOHN R ATLANTA GA US ; R KOZA JOHN
International class (IPC 8–9):	A63F3/06 B44F1/12 (Advanced/Invention); A63F3/06 B44F1/00 (Core/Invention)
International class (IPC 1–7):	B42D15/00
CPC:	A63F3/0685
European class:	A63F3/06F4
Classification Explorer	
Cited documents:	US4033611 A, GB1457998 A, GB1441489 A, DE1988456 U, DE1960166 A1, CH598964 A3, CH598964,

0) US3666421A – DIAGNOSTIC TEST SLIDE

75) Family number: 18289336 (US3666421A) © PatBase

Title: DIAGNOSTIC TEST SLIDE

Priority: US19690818366 19690422 US19710131172 19710405 US19730347975 19730404 US19710214213 19711230

Family:

Publication number	Publication date	Application number	Application date
AU197013664 A1	19711014	AU19700013664	19700409
AU207013664 A1	19711014	AU19700013664	19700409
BE749323 A	19701022		00000000
BE749323 A2	19701022	BE19700749323	19700422
CA1045031 A1	19781226	CA19740196757	19740403
CA920927 A1	19730213	CA19700080514	19700420
CH562027 A	19750530	CH19700005940	19700421
DE2019190 A1	19701029	DE19702019190	19700421
DE2019190 B2	19761230	DE19702019190	19700421
DE2019190 C3	19770825	DE19702019190	19700421
DK134166 B	19760920	DK19700002010	19700421
DK134166 C	19770425	DK19700002010	19700421
ES185888 U	19731016	ES19700185888U	19700421
ES185888 Y	19740816	ES19700185888U	19700421
FI52499 B	19770531	FI19700001119	19700422
FI52499 C	19770912	FI19700001119	19700422
FR2046368 A5	19710305	FR19700014686	19700422
GB1310923 A	19730321	GB19700017727	19700414
HU170607 P	19770728	HU1970OA00451	19700422
IL34292 A0	19700617	IL19700034292	19700409
IL34292 A1	19730531	IL19700034292	19700409
JP49046052 B4	19741207	JP19700033939	19700422
NL167520 B	19810716	NL19700005227	19700410
NL167520 C	19811216	NL19700005227	19700410
NL7005227 A	19701026	NL19700005227	19700410
US3666421 A	19720530	US19710131172	19710405
US3770383 A	19731106	US19710214213	19711230
US4066744 A	19780103	US19760649768	19760116
ZA7002304 A	19710127	ZA19700002304	19700407

Probable Assignee: AKZONA INC

Assignee(s):(std)**:** N V ORGANON OSS NIEDERLANDE ; N V ORGANON KLOOSTERSTRAAT 6 OSS NEDERLAND ; N V ORGANON ; ORGANON ; ORG NV ; ORGANON LABOR LTD ; ORGANON INC ; N V ORGANON TE OSS ; ORGANON NV ; ORGANON N V ; AKZONA INC

Assignee(s): AKZONA INC US ; RICHARD T PRICE ; PRICE RICHARD T ; PRODELL RITA C ; NVORGANON ; ORGANON KLOOSTERSTRAAT 6 OSS NEDERLAND NV ; ORGANON LABORATORIES LTD ; MERCK SHARP AND DOHME BV

Inventor(s):(std)**:** PRICE RICHARD T ; PRICE RICHARD THOMPSON ; PRICE RICHARD THOMPSON VERONA NJ ; PRODELL RITA C ; PRICE R ; PRICE R T ; RT PRICE ; THOMPSON PRICE RICHARD

Inventor(s): PRICE R US ; R T PRICE ; RICHARD T PRICE ; RICHARD THOMPSON PRICE

International class (IPC 8–9): A61K39/095 G01N31/02 G01N33/543 G01N33/552 G01N33/571 G01N33/68 G01N33/76 (Advanced/Invention) ; A61K39/095 G01N33/543 G01N33/551 G01N33/571 (Core/Invention)

International class (IPC 1–7): A61B10/00 A61B5/00 B01L3/06 B65B25/14 C12K1/04 G01N1/00 G01N31/00 G01N31/02 G01N31/06 G01N31/20 G01N33/16 G01N33/54 G01N33/76

CPC:

G01N33/54386 Y10S436/805 Y10S436/806 Y10S436/811 Y10S436/825 Y10S436/826 Y10S435/961 Y10S435/97 Y10S435/971 G01N33/552 G01N33/54313 A61K39/095 G01N33/571

European class: A61K39/095 G01N33/543D G01N33/543K4 G01N33/552 G01N33/571

US class: 23/25.3TP 23/253TP 422/401 422/425 422/504 422/57 422/58 424/12 435/37 435/7.36 435/961 435/970 435/971 436/509 436/518 436/520 436/521 436/522 436/527 436/530 436/531 436/534 436/543 436/547 436/805 436/806 436/811 436/825 436/826

Classification Explorer

Cited documents: US3828103 A, US3770383 A, US3697227 A, US3672845 A, US3616251 A, US3551555 A, US3549328 A, US3502437 A, GB953414 A,

0) US2007023053A – SURGICAL DRAPE WITH AN INTEGRAL UNDERBUTTOCKS P...

76) Family number: 34171148 (US2007023053A) © PatBase

Title: SURGICAL DRAPE WITH AN INTEGRAL UNDERBUTTOCKS PORTION

Priority: US20050192441 20050728 WO2006US16755 20060427

Family:

Publication number	Publication date	Application number	Application date
CA2616829 AA	20080125	CA20062616829	20060427
EP1906860 A1	20080409	EP20060752065	20060427
JP2009502310 T2	20090129	JP20080523870T	20060427
JP4961426 B2	20120627	JP20080523870T	20060427
MX2008001274 A1	20080325	MX20080001274	20060427
US2007023053 AA	20070201	US20050192441	20050728
US7610918 BB	20091103	US20050192441	20050728
WO07018644 A1	20070215	WO2006US16755	20060427

Probable Assignee: AVENT INC

Assignee(s):(std): BOWEN UYLES W ; KIMBERLY CLARK CO ; SIMPSON GWENDOLYNE E ; LEWIS ANDREW L ; PYEATT ROWE PATRICIA

Assignee(s): SIMPSON GWENDOLYN E ; MORGAN STANLEY SENIOR FUNDING INC ; KIMBERLY CLARK WORLDWIDE INC ; LEWIS ANDREA L ; AVENT INC

Inventor(s):(std): BOWEN UYLES W ; LEWIS ANDREA L ; LEWIS ANDREW L ; PYEATT ROWE PATRICIA ; SIMPSON GWENDOLYN E ; SIMPSON GWENDOLYNE E

Inventor(s): UYLES W BOWEN ; SIMPSON GWENDOLYN ; PATRICIA PYEATT ROWE ; GWENDOLYNE E SIMPSON ; LEWIS ANDREA ; ANDREA L LEWIS ; BOWEN UYLES

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A41D13/12 A61B19/00 A61B19/08 (Advanced/Invention); A41D13/12 A61B19/00 (Core/Invention)

CPC: A61B46/30 A61B2046/205 A61B2046/236

European class: A61B19/08G K61B19/08C1 K61B19/10D

US class: 128/849 128/850 128/851 128/852 128/853

Classification Explorer

Cited documents: US6314958 BA, US6055987 A, US5991666 A, US5988172 A, US5709221 A, US5471999 A, US5445165 A, US5388593 A, US3942523 A, US3856006 A, US3809077 A, US3797484 A, US2003188753 AA, US1724443 A,

0) WO9807567A1 – INDEX SHEET AND METHOD OF PRINTING THEREON FEU...

77) Family number: 15962905 (WO9807567A1) © PatBase

Title: INDEX SHEET AND METHOD OF PRINTING THEREON

Priority: AU19960067253 19960816 WO1996US13230 19960816

Family:

Publication number	Publication date	Application number	Application date
AU199667253 A1	19980306	AU19960067253	19960816
AU200189381 A1	20020103	AU20010089381	20011112
AU200189381 A5	20020103	AU20010089381D	20011112
AU200189382 A1	20020103	AU20010089382	20011112
AU200189382 A5	20020103	AU20010089382D	20011112
AU765266 B2	20030911	AU20010089381	20011112
AU765267 B2	20030911	AU20010089382	20011112
CA2264111 AA	19990215	CA19962264111	19960816
CA2264111 C	20051220	CA19962264111	19960816
EP0921944 A1	19990616	EP19960927428	19960816
EP0921944 A4	19991027	EP19960927428	19960816
JP2000516187 T2	20001205	JP19980510670T	19960816
WO9807567 A1	19980226	WO1996US13230	19960816

Probable Assignee: AVERY DENNISON CORP

Assignee(s):(std)**:** AVERY DENNISON CORP

Assignee(s): CCL LABEL INC ; HUNTER JEFFREY C ; RAY GUSTAV ALLEN ; OWEN SONIA

Inventor(s):(std)**:** GUSTAV ALLEN RAY ; HUNTER JEFFREY C ; JEFFREY C HUNTER ; OWEN SONIA ; RAY GUSTAV ALLEN ; SONIA OWEN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GR HU IE IL IS IT JP KE KG KP KR KZ LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): B32B3/02 B42D15/00 B42F21/02 B65H5/00 (Advanced/Invention); B42D15/00 B65H5/00 (Advanced/Non–invention); B42D15/00 B42F21/00 B65H5/00 (Core/Invention)

International class (IPC 1–7): B32B3/02 B32B35/00 B42D15/00 B42F21/02 B65H5/00

CPC: B42F21/02 B42P2241/22

European class: B42F21/02 L42P241/22

Classification Explorer

Cited documents: US5558454 A, US5462783 A, US5452062 A, US5245397 A, US5076490 A, US4966644 A, US4560600 A, US4528054 A, US4446183 A, US4243458 A, US4051285 A, US3503834 A, US2007262 A,

0) US2876530A – FORMING PRINTED CIRCUIT CONDUCTORS

78) Family number: 22836487 (US2876530A) © PatBase

Title: FORMING PRINTED CIRCUIT CONDUCTORS

Priority: US19550498458 19550331

Family:

Publication number	Publication date	Application number	Application date
US2876530 A	19590310	US19550498458	19550331

Probable Assignee: HOWATT GLENN N

Assignee(s):(std)**:** HOWATT GLENN N

Inventor(s):(std)**:** HOWATT GLENN N

International class (IPC 8–9)**:** H05K3/04 H05K3/10 (Advanced/Invention); H05K3/02 H05K3/10 (Core/Invention)

International class (IPC 1–7)**:** H05K3/00

CPC: H05K3/048 H05K3/046 H05K3/108 H05K2201/0347 H05K2203/0522 H05K2203/0528 Y10T29/49155

European class: H05K3/04E2 H05K3/10S T05K201/03C1D T05K203/05A7 T05K203/05A9 T05K3/04E T05K3/10S

US class: 174/117R 174/268 205/125 29/846 427/125 427/443.2 427/97.4

Classification Explorer

Cited documents: US2721153 A, US2699424 A, US2582685 A,

0) US4248919A – BUSINESS FORM

79) Family number: 8078587 (US4248919A)

© PatBase

Title: BUSINESS FORM

Priority: US19790033535 19790426

Family:

Publication number	Publication date	Application number	Application date
US4248919 A	19810203	US19790033535	19790426

Probable Assignee: LITTON INDUSTRIAL AUTOMATION SYSTEMS INC

Assignee(s):(std)**:** LITTON BUSINESS SYSTEMS INC

Assignee(s): LITTON INDUSTRIAL AUTOMATION SYSTEMS INC ; LITTON INDUSTRIAL AUTOMATION SYSTEMS INC 7900 TANN ; LITTON INDUSTRIAL AUTOMATION SYSTEMS INC 7900 TANNERS GATE FLORENCE KENTUCKY 41042 A CORP OF DE

Inventor(s):(std)**:** DAVIS RONALD A

International class (IPC 8–9)**:** B41L1/22 G09F3/02 (Advanced/Invention); B41L1/00 G09F3/02 (Core/Invention)

International class (IPC 1–7)**:** B32B7/10 B41L1/04 G09F19/00

CPC: Y10S428/914 G09F3/0288 B41L1/22 Y10T428/14

European class: B41L1/22 G09F3/02C

US class: 40/615 40/674 40/675 428/40 428/40.1 428/914 462/17 462/55 462/57 503/200 503/226

Classification Explorer

Cited documents: US4029341 A, US3973788 A, US3664910 A, US3582439 A, US3505140 A, US3501797 A, US3383121 A, US2725322 A, US2507659 A,

0) CA2218324A – BUSINESS FORM INCLUDING LAMINATED IDENTIFICATIO...

80) Family number: 11739925 (CA2218324A) © PatBase

Title: BUSINESS FORM INCLUDING LAMINATED IDENTIFICATION CARD

Priority: US19960730499 19961011 CA19972218324 19971010

Family:

Publication number	Publication date	Application number	Application date
CA2218324 AA	19980411	CA19972218324	19971010

Probable Assignee: UARCO INC

Assignee(s):(std)**:** UARCO INC

Assignee(s): SCHNITZER DAVID H ; STANDARD REGISTER CO

Inventor(s):(std)**:** SCHNITZER DAVID H

International class (IPC 8–9)**:** B42D15/10 B42D25/23 B42D25/45 (Advanced/Invention); B42D15/10 (Core/Invention)

International class (IPC 1–7)**:** B42D15/10

Classification Explorer

0) US3054551A – FLUID IMPERVIOUS CONTAINERS

81) Family number: 22818200 (US3054551A) © PatBase

Title: FLUID IMPERVIOUS CONTAINERS

Priority: US19590827279 19590715

Family:

Publication number	Publication date	Application number	Application date
US3054551 A	19620918	US19590827279	19590715

Probable Assignee: CROWN ZELLERBACH CORP

Assignee(s):(std)**:** CROWN ZELLERBACH CORP

Inventor(s):(std)**:** JOHNSON ORVILLE R ; HOLBROOK HERBERT T

International class (IPC 8–9)**:** B31B1/90 B65D33/00 B65D75/68 (Advanced/Invention); B31B1/74 B65D33/00 B65D75/52 (Core/Invention)

International class (IPC 1–7)**:** B65B61/18 B65D5/54

CPC: B65D75/68 B65D33/00 B31B50/8126

European class: B31B1/90 B65D33/00 B65D75/68 L31B201/90B3A

US class: 383/206

Classification Explorer

Cited documents: US2952395 A, US2870953 A, US2790594 A, US2699285 A, US2611483 A, US2353746 A, US2293952 A,

0) US2001033078A – METHOD OF FORMING A PRINTED CARD

82) Family number: 28093342 (US2001033078A) © PatBase

Title: Method of forming a printed card

Priority: US19990388102 19990901 US20010892246 20010626 WO2000US23372 20000825

Family:

Publication number	Publication date	Application number	Application date
AU200073328 A1	20010326	AU20000073328	20000825
AU200073328 A5	20010326	AU20000073328D	20000825
US2001033078 AA	20011025	US20010892246	20010626
US6293592 BA	20010925	US19990388102	19990901
WO0115909 A1	20010308	WO2000US23372	20000825
WO0115909 B1	20011108	WO2000US23372	20000825

Probable Assignee: AVERY DENNISON CORP

Assignee(s):(std)**:** AVERY DENNISON CORP ; LYBERGER LEN A

Assignee(s): ROBERTSON DAVID

Inventor(s):(std)**:** LYBERGER LEN A ; ROBERTSON DAVID

Inventor(s): DAVID ROBERTSON ; LEN A LYBERGER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): B42D15/04 (Advanced/Invention); B42D15/04 (Core/Invention)

International class (IPC 1–7): B42D15/00

CPC: B42D15/042

European class: B42D15/04B

US class: 283/117 283/56 283/61 40/124.11

Classification Explorer

Cited documents: US5829790 A, US5536545 A, US5273796 A, US4940690 A, US4873135 A, US4006048 A,

0) US5341824A – METHOD AND APPARATUS FOR INSPECTING AND CONTROL...

83) Family number: 11662097 (US5341824A) © PatBase

Title: METHOD AND APPARATUS FOR INSPECTING AND CONTROLLING TIPPING PAPER PERFORATION

Priority: US19920998034 19921229

Family:

Publication number	Publication date	Application number	Application date
US5341824 A	19940830	US19920998034	19921229

Probable Assignee: PHILIP MORRIS INC

Assignee(s):(std)**:** PHILIP MORRIS INC

Assignee(s): PHILIP MORRIS PRODUCTS INC

Inventor(s):(std)**:** FLETCHER THOMAS A ; LONGEST JR H CARY

International class (IPC 8–9):	A24C5/00 B23K26/03 B23K26/08 (Advanced/Invention); A24C5/00 B23K26/02 B23K26/08 (Core/Invention)
International class (IPC 1–7):	A24C5/00 A24C5/34
CPC:	Y10S131/905 B23K26/032 A24C5/007 B23K26/0846
European class:	A24C5/00P2 B23K26/03B B23K26/08E2B
US class:	131/281 131/905
Classification Explorer	
Cited documents:	US5118195 A, US5092350 A, US5068799 A, US4911028 A, US4648412 A, US4641256 A, US4569359 A, US4563228 A, US4495796 A, US4246775 A, US4218606 A, US4193409 A, US4121595 A, US4047421 A,

0) US6705565B – SYSTEM AND DISPENSER FOR DISPENSING WET WIPES

84) Family number: 33534102 (US6705565B) © PatBase

Title: System and dispenser for dispensing wet wipes

Priority: US19990132024P 19990430 US20000545995 20000410 US20000565227 20000504 US20000659295 20000912 WO2001US40677 20010504

Family:

Publication number	Publication date	Application number	Application date
AU2001259830 AA	20011112	AU20010259830	20010504
AU2001259830 BB	20051117	AU20010259830	20010504
BRPI0110461 A	20050111	BR2001PI10461	20010504
BRPI0110461 B1	20101005	BR2001PI10461	20010504
CA2407107 AA	20021022	CA20012407107	20010504
CN1529562 A	20040915	CN20018008860	20010504
DE60132992 D1	20080410	DE20016032992	20010504
DE60132992 T2	20090226	DE20016032992T	20010504
EP1280448 A1	20030205	EP20010933400	20010504
EP1280448 B1	20080227	EP20010933400	20010504
JP2004518451 T2	20040624	JP20010579649T	20010504
KR20030001469 A	20030106	KR20027014711	20010504
MXPA02010176 A1	20030310	MX2002PA10176	20010504
PL365881 A1	20050110	PL20010365881	20010504
US6705565 BA	20040316	US20000565227	20000504
WO0182765 A1	20011108	WO2001US40677	20010504

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): KIMBERLY CLARK CO

Assignee(s): LARSON JENNIFER CAPPEL ; RIVERA LIGIA A ; NEWMAN WILLIAM ROBERT ; KALMAN JEFFREY M ; VELAZQUEZ HERB F ; ROMME STEVEN JOHN ; BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; HUANG YUNG HSIANG ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): MICHAEL JOHN FAULKS ; NEWMAN WILLIAM ROBERT ; PAIGE ANNETTE DELLERMAN ; ROMME STEVEN JOHN ; STEVEN JOHN ROMME ; WILLIAM ROBERT NEWMAN ; YUNG HSIANG HUANG ; VELAZQUEZ HERB F ; ROMME STEVE J ; RIVERA LIGIA A ; PELUSO JOHN E ; NEWMAN WILLIAM R ; HUANG YUNG H ; FAULKS MICHAEL J ; DELLERMAN PAIGE A ; BOCHMANN CHERRY A ; BOCHMANN CHERRY ANN ; CHERRY A BOCHMANN ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAE JOHN ; FAULKS MICHAEL JOHN ; GERALD P DEGREEN ; HERB F VELAZQUEZ ; HUANG YUNG HSIANG ; JEFFREY M KALMAN ;

JENNIFER CAPPEL LARSON ; KALMAN JEFFREY M ; LARSON JENNIFER CAPPEL ; LIGIA A RIVERA

Inventor(s): MICHAE JOHN FAULKS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/32 A47K10/34 A47K10/38 A47K10/42 A47K7/00 B65D85/672 (Advanced/Invention); A47K10/32 A47K10/38 (Advanced/Non–invention); A47K10/24 A47K7/00 B65D85/67 (Core/Invention)

International class (IPC 1–7): A47K010/38 A47K010/42 A47K10/38 A47K10/42 B65H16/06 B65H18/04

CPC: A47K10/426 A47K2010/3266 B65D85/672 A47K10/32

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 242/598.6

Classification Explorer

Cited documents: WO9906311 A2, WO9901536, WO9834781, WO9808763, WO9621388, WO9317933, WO09748618, WO09659306, WO09565623, WO09565125, WO09564939, WO09564780, WO09564531, WO09564449, WO09564424, WO09564268, WO09564213, WO09564212, WO09554837, WO09223999, WO0141613, WO0117496, WO0057843, WO0008998, WO0000071, USRE35976, USD429282, USD422437, USD421691, USD417987, USD417109, USD416794, USD412439, USD397265, USD387590, USD386025, USD381851, USD377284, USD362773, USD347534, USD342852, USD342635, USD329978, USD311106, USD303890, US6827309, US6815502, US6785946, US6745975, US6713414, US6705565, US6702227, US6683143, US6682013, US6659391, US6653406, US6626395, US6599848, US6579570, US6548592, US6537663, US6537631, US6444214, US6429261, US6423804, US6237871 BA, US6228454, US6158614, US6138939, US6121165, US6098836, US6092759, US6092758, US6092690, US6085899, US6082664, US6079603, US6070821, US6068118, US6059928, US6059882, US6056235, US6056233, US6047920, US6036134, US6029921, US6024323, US6024217, US6024216, US6015125, US6010001, US6007019, US6000658, US6000538, US5992718, US5979821, US5971142, US5971138, US5967452, US5964351, US5958187, US5951762, US5950960, US5938013, US5924617, US5914177, US5904316, US5901921, US5897074, US5893531, US5887818, US5887759, US5875985, US5868347, US5868346, US5868345, US5868344, US5868335, US5868275, US5848762, US5839688, US5765717, US5755654, US5727458, US5704566, US5704565, US5697577 A, US5697576, US5687875, US5672206, US5669576, US5667092, US5660636, US5660313 A, US5655661, US5653403, US5649676, US5642810, US5631317, US5630563, US5630526, US5624025, US5620148, US5618008, US5609269, US5605250, US5604992, US5598987, US5588615, US5562964, US5560514, US5542568, US5540332, US5533621, US5526973, US5520308, US5509593, US5501323, US5495997, US5494250, US5480060, US5464170, US5464096, US5462197, US5456421, US5456420, US5449127, US5443084, US5439521 A, US5411729, US5409181, US5400982, US5392945, US5384189, US5374008, US5370336, US5368157, US5335811, US5317063, US5312883, US5311986, US5310262, US5277375, US5260401, US5255800, US5253818, US5237035, US5235017, US5228632, US5219092, US5207367, US5195689, US5193759, US5192044, US5172840, US5170958, US5154496, US5149765, US5145091, US5141171, US5137173, US5114771, US5104054, US5070171, US5050737, US5049440, US5029787, US5012986, US5009313, US5001956, US5000393, US4991538, US4989800, US4984530, US4978095, US4940626, US4936452, US4913365, US4890205, US4889292 A, US4884690, US4883197, US4877133, US4860893, US4846412, US4836462, US4836368, US4834316 A, US4830301, US4828193, US4826063, US4807823, US4790490, US4784290, US4756485, US4735317, US4721264, US4690345, US4687153, US4684075, US4667890, US4662577, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4280978 A, US4274573 A, US4272473 A, US4260117 A, US4244493 A, US4238541 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A,

US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3973695 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3868052 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3771399 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US3291411 A, US2487763 A, US2440974 A, US1664392 A, US09660049, US09660040, US09659311, US09659307, US09659295, US09659284, US09659283, US09565227, US09545995, GB990332, GB1324818, EP1023863, EP1002746, EP0728426, EP0608460, EP0501905, EP0343304, EP0122809, AU8762698 A1,

0) US5458273A – MAILER ASSEMBLY

85) Family number: 12201701 (US5458273A) © PatBase

Title: Mailer assembly

Priority: US19920932719 19920819

Family:

Publication number	Publication date	Application number	Application date
US5458273 A	19951017	US19920932719	19920819

Probable Assignee: STANDARD REGISTER CO

Assignee(s):(std)**:** STANDARD REGISTER CO

Assignee(s): THE STANDARD REGISTER COMPANY ; BANK OF AMERICA NA

Inventor(s):(std)**:** SCHUBERT LAWRENCE J ; SKEES HUGH B ; SMITH THOMAS J

International class (IPC 8–9): B42D5/02 (Advanced/Invention); B42D5/00 (Core/Invention)

International class (IPC 1–7): B65D27/04 B65D27/06 B65D27/34

CPC: B42D5/025

European class: B42D5/02C2

US class: 229/304 229/69 229/92.3 229/923

Classification Explorer

Cited documents: US5092514 A, US4915287 A, US4380315 A, US4346916 A, US4273362 A, US4102489 A, US4050582 A, US3952942 A, US3908892 A, US3507519 A, US3482780 A, US3419286 A, US3411699 A, US3339827 A, US3325188 A, US2759658 A, NL670451 A, JP55088941 A2, GB809953 A, GB498748 A, GB1564423 A, FR794357 A, FR2431964 A1, FR1502067 A, AU513176 A1,

0) US5340968A – INFORMATION STORAGE MEDIUM WITH ELECTRONIC AND ...

86) Family number: 29223775 (US5340968A) © PatBase

Title: Information storage medium with electronic and visual areas

Priority:

JP19910101532	19910507	JP19910105945	19910510	JP19910113149	19910517
JP19910116277	19910521	JP19910120373	19910524	JP19910118720	19910523
JP19910120374	19910524	JP19910118718	19910523	JP19910126246	19910529
JP19920107607	19920427	JP19910308921	19911125	JP19910328958	19911212
JP19910127635	19910530	JP19920107600	19920427	JP19910127636	19910530
JP19910143357	19910614	JP19910135004	19910606	JP19920238517	19920907
JP19920258624	19920928	JP19910135005	19910606	JP19920261398	19920930
JP19920288764	19921027	US19940215711	19940322	US19920878787	19920505
JP19920297291	19921106	JP19920315064	19921125	JP19930189628	19930730
JP19920266124	19921005	JP19920266124	19921005		

Family:

Publication number	Publication date	Application number	Application date
AU199216028 A1	19921112	AU19920016028	19920505
AU199346183 A1	19940317	AU19930046183	19930907
AU662901 B2	19950921	AU19920016028	19920505
AU667944 B2	19960418	AU19930046183	19930907
DE69228144 D1	19990225	DE19926028144	19920507
DE69228144 T2	19990923	DE19926028144T	19920507
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DE69323460 T2	19990708	DE19936023460T	19930907
EP0512543 A2	19921111	EP19920107710	19920507
EP0512543 A3	19930901	EP19920107710	19920507
EP0512543 B1	19990113	EP19920107710	19920507
EP0587115 A2	19940316	EP19930114337	19930907
EP0587115 A3	19951102	EP19930114337	19930907
EP0587115 B1	19990210	EP19930114337	19930907
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JP2830501 B2	19981202	JP19910105945	19910510
JP2830885 B2	19981202	JP19920107607	19920427
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JP2949249 B2	19990913	JP19930189628	19930730
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JP3052608 B2	20000619	JP19920266124	19921005
JP3067419 B2	20000717	JP19920258624	19920928
JP3099413 B2	20001016	JP19910120374	19910524
JP3221107 B2	20011022	JP19920315064	19921125
JP4333415 A2	19921120	JP19910105945	19910510
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JP4345421 A2	19921201	JP19910116277	19910521
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JP4345423 A2	19921201	JP19910118720	19910523
JP4345424 A2	19921201	JP19910120374	19910524
JP4350016 A2	19921204	JP19910126246	19910529
JP4354721 A2	19921209	JP19910127635	19910530
JP4354722 A2	19921209	JP19910127636	19910530

JP4359183 A2	19921211	JP19910135005	19910606
JP4361915 A2	19921215	JP19910135004	19910606
JP4367293 A2	19921218	JP19910143357	19910614
JP5139530 A2	19930608	JP19920107607	19920427
JP5142342 A2	19930608	JP19910308921	19911125
JP5170331 A2	19930709	JP19920107600	19920427
JP5217587 A2	19930827	JP19920288764	19921027
JP6080236 A2	19940322	JP19920238517	19920907
JP6111197 A2	19940422	JP19920258624	19920928
JP6115676 A2	19940426	JP19920266124	19921005
JP6149698 A2	19940531	JP19920297291	19921106
JP6156691 A2	19940603	JP19920315064	19921125
JP6326633 A2	19941125	JP19930189628	19930730
US5340968 A	19940823	US19920878787	19920505
US5532692 A	19960702	US19930116991	19930907
US5557096 A	19960917	US19940215711	19940322

Probable Assignee: DENSO CORP

Assignee(s):(std)**:** DENSO CORP ; NIPPON DENSO CO ; NIPPONDENSO CO LTD

Assignee(s): NIPPONDENSO COMPANY LTD ; NIPPONDENSO CO ; DENSO CORP KARIYA ; DENSO CORP KARIYA AICHI JP ; DENSOO KK

Inventor(s):(std)**:** KAZUAKI WAKAHARA ; KAZUO MIZUNO ; KOSAKA TOSHIYUKI ; KOSAKA TOSHUKI ; MANABU MATSUMOTO ; MATSUMOTO MANABU ; MITSUHIRO SANO ; MIZUNO KAZUO ; MIZUNO TOMOAKI ; MURASE TOKUTARO ; NAKADA EIJI ; NORIHIRO ISOBE ; SANO MITSUHIRO ; SATOMI YOSHIOKA ; SHIGEKUSA HISASHI ; TATSUYA HIRATA ; TOKUTARO MURASE ; TOMOAKI MIZUNO ; TOSHIHIDE ANDO ; TOSHIHIKO ITO ; TOSHIYUKI KATO ; TOSHIYUKI KOSAKA ; WAKAHARA KAZUAKI ; WATANABE ATSUSHI ; YOSHIHIKO INUKAI ; YOSHIOKA SATOMI ; YOSHIYUKI IGARASHI ; YOSHIYUKI KAGO ; ANDO TOSHIHIDE ; ATSUSHI WATANABE ; EIJI NAKADA ; HIDENORI ISHII ; HIRATA TATSUYA ; HISASHI SHIGEKUSA ; HITOSHI KAMIYA ; IGARASHI YOSHIYUKI ; INUKAI YOSHIHIKO ; ISHII HIDENORI ; ISHII SHUSUKE ; ISOBE NORIHIRO ; ITO TOSHIHIKO ; KAGO YOSHIYUKI ; KAMIYA HITOSHI ; KATO TOSHIYUKI

Inventor(s): KATO TOSHUKI ; IGARASHI YOSHUKI ; YOSHIOKA SATOMI KARIYA CITY AICHI PREF ; WATANABE ATSUSHI TOYOKAWA CITY AICHI PREF ; SHIGEKUSA HISASHI AICHI PREF ; SANO MITSUHIRO KARIYA CITY AICHI PREF ; NAKADA EIJI KARIYA CITY AICHI PREF ; MURASE TOKUTARO OBU CITY AICHI PREF ; MIZUNO TOMOAKI TOYOAKE CITY AICHI PREF ; MIZUNO KAZUO NAGOYA CITY AICHI PREF ; MATSUMOTO MANABU HANDA CITY AICHI PREF ; KOSAKA TOSHIYUKI OKAZAKI CITY AICHI PREF ; KATO TOSHIYUKI ANJO CITY AICHI PREF ; KAMIYA HITOSHI AICHI PREF ; KAGO YOSHIYUKI NISHIO CITY AICHI PREF ; ITO TOSHIHIKO CHIRYU CITY AICHI PREF ; ISOBE NORIHIRO TOKAI CITY AICHI PREF ; ISHII HIDENORI ICHINOMIYA CITY AICHI PREF ; INUKAI YOSHIHIKO NAGOYA CITY AICHI PREF ; IGARASHI YOSHIYUKI NAGOYA CITY AICHI PREF ; HIRATA TATSUYA ICHINOMIYA CITY AICHI PREF ; ANDO TOSHIHIDE TOKONAME CITY AICHI PREF ; HIRATA TATSUYA ICHINOMIYA SHI AICHI KEN JP

Designated states: DE FR GB IT

International class (IPC 8–9): B07C3/18 B23Q41/00 B42D15/10 B65G43/08 B65G47/49 B65G61/00 G01C21/00 G01S13/75 G01S13/76 G01S13/79 G05B19/418 G06F1/26 G06F13/00 G06F17/30 G06K1/12 G06K17/00 G06K19/00 G06K19/07 G06K19/077 G06K19/08 G06K7/00 G06K7/08 G06Q10/08 G06Q30/00 G06Q30/06 G06Q50/00 G06Q50/26 G06Q50/28 G07B17/00 G07C1/00 G07C9/00 G08G1/00 G08G1/09 G08G1/0969 G08G1/137 G09F3/00 H01M10/04 H01M2/10 H01M6/12 H01M6/40 H02J5/00 H04B1/59 H04B5/00 H04B7/15 H04B7/26 H04L7/10 H04W4/04 H05K3/00 H05K3/20 (Advanced/Invention); B23Q41/00 G06F19/00 G06K17/00 (Advanced/Non–invention); B07C3/00 B23Q41/00 B42D15/10 B65G43/08 B65G47/48 B65G61/00 G01C21/00 G01S13/00 G05B19/418 G06F1/26 G06F13/00 G06F17/30 G06K17/00 G06K19/00 G06K19/07 G06K19/077 G06K7/00 G06K7/08 G06Q30/00 G06Q50/00 G07C1/00 G08G1/00 G08G1/09 G08G1/0969 G08G1/123 G09F3/00 H01M10/04 H01M2/10 H01M6/04 H01M6/40 H02J5/00 H04B1/59 H04B5/00 H04B7/26 H04L7/10 H05K3/00 H05K3/20 (Core/Invention);

B23Q41/00 G06F19/00 (Core/Non–invention)

International class (IPC 1–7): B07C3/18 B23Q41/00 B42D15/10 B65G43/08 B65G47/49 G01C21/00 G01S13/75 G01S13/76 G01S13/79 G01S13/80 G06F1/26 G06F13/00 G06F15/21 G06F15/24 G06F15/40 G06F17/30 G06F17/60 G06F19/00 G06K1/12 G06K17/00 G06K19/00 G06K19/07 G06K19/077 G06K19/08 G06K5/00 G06K7/08 G06K7/10 G08G1/00 G08G1/0969 G08G1/137 G09F3/00 H01M10/04 H01M6/12 H01M6/40 H04B1/59 H04B5/00 H04B7/15 H04B7/26 H04L7/10 H04Q9/00 H05K3/00 H05K3/20

CPC: G06K7/0008 G06K19/0723 G06K19/07749 G06K19/07758 G07C1/00 G06K19/07345 G06K1/128 G06K19/0702 G06K19/08 G06K2017/0048 G07B17/00508 G07B2017/00588 G07B2017/00629 G07B2017/00717 G07B2017/00725 G07C9/00111 H01M2/1066 H01M6/40 Y02P90/12 Y02B60/50 H02J50/10 H02J5/00

European class: G06K1/12E G06K19/073A4 G06K19/077T G06K19/077T3 G06K19/07A2 G06K19/07T G06K19/08 G06K7/00E G07B17/00F2 G07C1/00 G07C9/00B10 H01M2/10C2D2 H01M6/40 H02J5/00 S06K17/00W8 S07B17/00F2B1A S07B17/00F2C2 S07B17/00F3E1 S07B17/00F3E2 Y02E60/12

US class: 235/375 235/380 235/384 235/385 235/492 340/10.1 340/4.2 340/825.2 340/825.54 342/51 375/359 700/213

Classification Explorer

Cited documents: WO9113499 A1, WO8606303 A1, US5362942 A, US5313051 A, US5274221 A, US5200601 A, US5153842 A, US5151684 A, US5144314 A, US5055659 A, US5047988 A, US5030807 A, US5021777 A, US5012073 A, US4831540 A, US4663625 A, US4641374 A, US4525713 A, US4353064 A, US4337463 A, US4327441 A, US4242663 A, US4135184 A, US3940765 A, US3849633 A, US3750167 A, US3562497 A, US3438489 A, JP62111821 A2, JP62027683 A2, JP61203021 A2, JP61153954 A2, JP61153954, JP48029934 U, JP4333415, JP4054581 A2, JP3051785 A2, JP3051785, JP2257648 A2, JP2099461 U1, JP2093882 A2, JP2052592 A2, JP2052592, GB2231983 A1, EP0462013 A2, EP0438250 A1, EP0350235 A2, EP0068977 A1,

0) US4008802A – SURGICAL NEEDLE RETAINING AND INVENTORY PAD, AN...

87) Family number: 1370642 (US4008802A) © PatBase

Title: SURGICAL NEEDLE RETAINING AND INVENTORY PAD, AND ACCOUNTING METHOD

Priority: US19750578714 19750519

Family:

Publication number	Publication date	Application number	Application date
CA1046020 A1	19790109	CA19760250994	19760422
US4008802 A	19770222	US19750578714	19750519

Probable Assignee: ACURA MED

Assignee(s):(std): ACURA MED

Assignee(s): FREITAG SAMUEL L

Inventor(s):(std): FREITAG SAMUEL L

International class (IPC 8–9): A61B17/06 B65D85/24 (Advanced/Invention); A61B19/00 (Advanced/Non–invention); A61B17/06 (Core/Invention); A61B19/00 (Core/Non–invention)

International class (IPC 1–7): A61L17/02 B65D85/24

CPC: A61B2090/0804 A61B17/06161

European class: A61B17/06R K61B19/48F

US class: 206/382 206/459.5 206/460 206/63.3

Classification Explorer

Cited documents: US670096 A, US3727658 A, US1581422 A, US1106773 A, FR1375109 A,

0) DE20321617U1 – DATENTRAEGER MIT KENNZEICHNUNGSBAND

88) Family number: 31382796 (DE20321617U1) © PatBase

Title: Datentraeger mit Kennzeichnungsband

Priority: DE20031022695 20030520 DE20031055594 20031118 DE20032021617U 20031118

Family:

Publication number	Publication date	Application number	Application date
DE10355594 A1	20041209	DE20031055594	20031118
DE20321617 U1	20080710	DE20032021617U	20031118

Probable Assignee: MEDIAFORM INFORMATIONSSYSTEME

Assignee(s):(std)**:** MEDIAFORM INFORMATIONSSYSTEME

Assignee(s): MEDIAFORM INFORMATIONSSYSTEME GMBH

Inventor(s):(std)**:** WEBER JOERG

International class (IPC 8–9)**:** G06K19/04 G09F3/00 (Advanced/Invention); G06K19/04 G09F3/00 (Core/Invention)

International class (IPC 1–7)**:** A44C5/00 G09F3/02 G09F3/10

CPC: G09F3/005

European class: G09F3/00B

Classification Explorer

Cited documents: WO9918817 A1,

0) US2012328689A – DEODORIZING PAPER AND METHOD

89) Family number: 49578169 (US2012328689A) © PatBase

Title: DEODORIZING PAPER AND METHOD

Priority: US20100311664P 20100308 US20110583120 20110308 WO2011US27583 20110308

Family:

Publication number	Publication date	Application number	Application date
EP2544893 A1	20130116	EP20110753939	20110308
US2012328689 AA	20121227	US20110583120	20110308
WO11112604 A1	20110915	WO2011US27583	20110308

Probable Assignee: PRYM CONSUMER USA INC

Assignee(s):(std)**:** CALIGARIS MARK ; FLYNN NIGEL ; KOPACKA TAYLOR RENEE ; PRYM CONSUMER USA INC

Inventor(s):(std)**:** CALIGARIS MARK ; FLYNN NIGEL ; KOPACKA TAYLOR RENEE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61L9/012 B05D7/00 B32B23/12 (Advanced/Invention)

CPC: D21H23/50 D21H27/30 D21H21/14 D21H17/66

European class: D21H21/14 N21H17/66

US class: 424/443 427/372.2

Classification Explorer

Cited documents: USRE29501 E, US5122407 A, US4919302 A, US2010050876 AA, US2009152311 AA, US2005113771 AA, US2005112085 AA, US2002182102 AA,

0) US2003113458A – METHOD FOR INCREASING ABSORPTION RATE OF AQUEOU...

90) Family number: 28666820 (US2003113458A) © PatBase

Title: METHOD FOR INCREASING ABSORPTION RATE OF AQUEOUS SOLUTION INTO A BASESHEET

Priority: US20010024999 20011218 WO2002US20216 20020625

Family:

Publication number	Publication date	Application number	Application date
AU2002312593 AA	20030630	AU20020312593	20020625
MXPA04005246 A1	20050419	MX2004PA05246	20020625
US2003113458 AA	20030619	US20010024999	20011218
WO03051246 A1	20030626	WO2002US20216	20020625

Probable Assignee: DEERE AND CO

Assignee(s):(std): KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC

Assignee(s): DEERE AND CO

Inventor(s):(std): ANTHONY MARK GAMBARO ; BRIAN JAMES GINGRAS ; CLAYTON TAYLOR GANN ; DANIEL HOO ; GAMBARO ANTHONY MARK ; GANN CLAYTON TAYLOR ; GINGRAS BRIAN JAMES ; HOO DANIEL ; JAMES MONROE PERKINS ; KRAUTKRAMER ROBERT EUGENE ; PERKINS JAMES MONROE ; ROBERT EUGENE KRAUTKRAMER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): D06B1/02 D06B1/14 D06B15/02 (Advanced/Invention); D06B1/00 D06B15/00 (Core/Invention)

International class (IPC 1–7): A61F13/00 B05C11/02 B05C5/00 B05D3/12 D06B1/02 D06B1/14 D06B15/02

CPC: D06B1/02 D06B1/148 D06B15/02

European class: D06B1/02 D06B1/14H D06B15/02

US class: 118/117 118/244 118/300 427/365

Classification Explorer

Cited documents: WO0182986 A2, US6444214 BA, US6248211 BA, US6228216 BA, US6140551 A, US6056229 A, US5958187 A, US5913905 A, US5874164 A, US5839680 A, US5763332 A, US5759339 A, US5690296 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5049440 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A,

US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A,

0) US5223381A – PHOTOGRAPHIC FILM PACKAGE

91) Family number: 3429018 (US5223381A) © PatBase

Title: PHOTOGRAPHIC FILM PACKAGE

Priority: JP19900411154 19901217 JP19910261122 19910912

Family:

Publication number	Publication date	Application number	Application date
DE69129400 D1	19980618	DE19916029400	19911217
DE69129400 T2	19980903	DE19916029400T	19911217
EP0491343 A2	19920624	EP19910121573	19911217
EP0491343 A3	19930324	EP19910121573	19911217
EP0491343 B1	19980513	EP19910121573	19911217
JP2753161 B2	19980518	JP19910261122	19910912
JP4356039 A2	19921209	JP19910261122	19910912
US5223381 A	19930629	US19910808501	19911217

Probable Assignee: FUJIFILM CORP

Assignee(s):(std)**:** FUJI PHOTO FILM CO LTD

Assignee(s): FUJI PHOTO FILM CO LTD MINAMI ASHIGARA KANAGAWA JP ; FUJI SHASHIN FUIRUMU KK ; FUJIFILM CORP ; FUJI PHOTO FILM CO

Inventor(s):(std)**:** FUKUKAWA MASAFUMI ; HARA YOSHIO ; KOMIYAMA HITOSHI ; FUKUGAWA MASAFUMI ; OKADA KASTUMASA ; OKADA KATSUMASA

Inventor(s): OKADA KASTUMASA C O FUJI PHOTO FILM CO ; OKADA KASTUMASA C O FUJI PHOTO FILM CO LTD MINAMI ; FUKUGAWA MASAFUMI C O FUJI PHOTO FILM CO ; FUKUGAWA MASAFUMI C O FUJI PHOTO FILM CO LTD MINAM ; KOMIYAMA HITOSHI C O FUJI PHOTO FILM CO ; KOMIYAMA HITOSHI C O FUJI PHOTO FILM CO LTD MINAMI ; KOMYAMA HITOSHI ; HARA YOSHIO C O FUJI PHOTO FILM CO ; HARA YOSHIO C O FUJI PHOTO FILM CO LTD MINAMI ASHI

Designated states: DE FR GB

International class (IPC 8–9): G03B17/26 G03C3/00 (Advanced/Invention); G03B17/26 G03C3/00 (Core/Invention)

International class (IPC 1–7): G03B17/26 G03B17/32 G03C3/00

CPC: G03C3/00

European class: G03C3/00

US class: 396/518 430/496

Classification Explorer

Cited documents: WO8701469 A1, US4821054 A, US4725865 A, EP0316258 A2,

0) DE102014112205A1 – VERFAHREN ZUM BEREITSTELLEN EINER ABDECKUNG FUE...

92) Family number: 61802053 (DE102014112205A1) © PatBase

Title: VERFAHREN ZUM BEREITSTELLEN EINER ABDECKUNG FUER EINEN AIRBAG
METHOD FOR PROVIDING A COVER FOR A AIRBAG (Machine translation)

Priority: DE201410112205 20140826

Family:

Publication number	Publication date	Application number	Application date
DE102014112205 A1	20160303	DE201410112205	20140826

Probable Assignee: PORSCHE AG

Assignee(s):(std)**:** PORSCHE AG

Assignee(s): DR ING HC F PORSCHE AG

Inventor(s):(std)**:** BRUENING THOMAS

International class (IPC 8–9): B60R21/215 (Advanced/Invention)

CPC: B60R21/215 B60R2021/21506 B26D1/30 B26D3/06

Classification Explorer

Cited documents: WO14062259 A1,

DE102011078789 B4

DE102007061848 A1

DE102005016262 B4

DE10129618 A1,

0) US2006093788A – DISPOSABLE FOOD PREPARATION MATS, CUTTING SHEET...

93) Family number: 32882327 (US2006093788A) © PatBase

Title: DISPOSABLE FOOD PREPARATION MATS, CUTTING SHEETS, PLACEMATS, AND THE LIKE

Priority: US20040977486 20041029 WO2005US22826 20050628

Family:

Publication number	Publication date	Application number	Application date
AU2005301318 AA	20060511	AU20050301318	20050628
AU2005301318 BB	20101209	AU20050301318	20050628
BRPI0516068 A	20080819	BR2005PI16068	20050628
BRPI0516068 B1	20160621	BR2005PI16068	20050628
DE602005018950 D1	20100304	DE200560018950T	20050628
EP1805011 A1	20070711	EP20050763771	20050628
EP1805011 B1	20100113	EP20050763771	20050628
KR101209968 B1	20121207	KR20077009666	20050628
KR20070072553 A	20070704	KR20077009666	20050628
MX2007004944 A1	20070612	MX20070004944	20050628
US2006093788 AA	20060504	US20040977486	20041029
WO06049660 A1	20060511	WO2005US22826	20050628

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:**

	BEHM RICHARD J ; CHEN FUNG JOU ; HINES ELIZABETH ANNE ; JOHNSON JEFFREY J ; KIMBERLY CLARK CO ; SOREBO HEATHER ANNE ; SHANNON THOMAS G ; SKOOG HENRY ; LINDSAY JEFFREY DEAN ; KIMBERLY CLARK CORP
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC
Inventor(s):(std)**:**	BEHM RICHARD JOSEPEPH ; BEHM RICHARD JOSEPPH ; SOREBO HEATHER ANNE ; SOREBO HEATHER A ; SKOOG HENRY ; SHANNON THOMAS G ; LINDSAY JEFFREY DEAN ; LINDSAY JEFFREY D ; JOHNSON JEFFREY J ; HINES ELIZABETH ANNE ; HINES ELIZABETH A ; CHEN FUNG JOU ; BEHM RICHARD J
Inventor(s):	HEATHER A SOREBO ; JEFFREY D LINDSAY ; RICHARD JOSEPEPH BEHM ; RICHARD JOSEPPH BEHM ; THOMAS G SHANNON ; RICHARD J BEHM ; JEFFREY J JOHNSON ; JEFFREY DEAN LINDSAY ; HENRY SKOOG ; HEATHER ANNE SOREBO ; FUNG JOU CHEN ; ELIZABETH ANNE HINES ; SOREBO HEATHER ; SHANNON THOMAS ; LINDSAY JEFFREY ; JOHNSON JEFFREY ; HINES ELIZABETH ; BEHM RICHARD
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
International class (IPC 8–9)**:**	B32B27/12 B32B3/10 C08J5/18 (Advanced/Invention); C08J5/18 (Advanced/Non–invention); B32B27/00 B32B27/12 B32B3/10 C08J5/18 (Core/Invention)
International class (IPC 1–7)**:**	B32B27/12
CPC:	Y10T428/24322 B32B2250/20 B32B2262/0253 B32B2262/04 B32B2307/7145 B32B2307/7265 B32B3/266 A47J36/022 A47J47/005 B32B5/022 B32B5/06 B32B5/26 B32B27/12 B32B2250/03 B32B2307/758 B32B2432/00
European class:	A47J47/00A B32B27/12 B32B3/26B B32B5/02A B32B5/06 B32B5/26 K47J36/02B L32B250/03 L32B250/20 L32B262/02H L32B262/04 L32B307/714B L32B307/726B L32B307/758 L32B432/00
US class:	428/137 428/137P
Classification Explorer	
Cited documents:	WO0228577 A2, WO02028577, USRE36717 E, US6918993 BB, US6887350 BB, US6846383 BB, US6808790 BB, US6783658 BB, US6673761 BB, US6649891 BA, US6573203 BA, US6416959 BA, US6412399 BA, US6403135 BA, US6383615 BB, US6332952 BA, US6274232 BA, US6258428 BA, US6258196 BA, US6231948 BA, US6231268 BA, US6228462 BA, US6221579 BA, US6200669 BA, US6197928 BA, US6197154 BA, US6164478 A, US6159599 A, US6143135 A, US6120642 A, US6096169 A, US6060256 A, US6027611 A, US5998032 A, US5990377 A, US5922550 A, US5855571 A, US5827254 A, US5819615 A, US5759926 A, US5712012 A, US5672248 A, US5656132 A, US5628876 A, US5624790 A, US5611255 A, US5520945 A, US5496624 A, US5494554 A, US5472790 A, US5431786 A, US5399412 A, US5382400 A, US5334289 A, US5328565 A, US5320895 A, US5284703 A, US5275700 A, US5231268 A, US5129988 A, US5098522 A, US5048589 A, US5000157 A, US4787597 A, US4705021 A, US4629643 A, US4528239 A, US4514345 A, US4342314 A, US4340563 A, US4324246 A, US4222921 A, US4147586 A, US4129528 A, US4100324 A, US3955003 A, US3899388 A, US3879257 A, US3855158 A, US3802817 A, US3772076 A, US3700623 A, US3692618 A, US3673052 A, US3542615 A, US3502763 A, US3341394 A, US3338992 A, US2005142331 AA, US2004118544 AA, US2003203159 AA, US2003093046 AA, US2002136871 AA, US2002136871, JP10033396, GB2119709 A1, FR2319489 A1, EP0265684 A2,

0) US3734543A – COMBINED CHECK AND RECORD–KEEPING BOOK

94) Family number: 978798 (US3734543A)

© PatBase

Title: COMBINED CHECK AND RECORD–KEEPING BOOK

Priority: US19680782202 19681209 US19700098666 19701216

Family:

Publication number	Publication date	Application number	Application date
US3620553 A	19711116	US19680782202	19681209
US3734543 A	19730522	US19700098666	19701216

Probable Assignee: MARION DONOVAN

Assignee(s):(std)**:** DONOVAN M ; MARION DONOVAN

Assignee(s): DONOVAN M US

Inventor(s):(std)**:** DONOVAN MARION ; DONOVAN M

Inventor(s): DONOVAN M US ; MARION DONOVAN

International class (IPC 8–9): B41L1/20 B42D5/02 (Advanced/Invention); B41L1/00 B42D5/00 (Core/Invention)

International class (IPC 1–7): B41L1/20 B41L3/00 B41L3/20 B42D15/00 F23Q2/28

CPC: B41L1/20 B42D5/022

European class: B41L1/20 B42D5/02B2

US class: 281/17 283/57 402/79 402/80R 462/24 462/53

Classification Explorer

Cited documents: US3334921 A, US3278200 A, US3081111 A, US2976062 A, US2718413 A, US1791671 A, US1290131 A,

0) WO0221988A1 – SYSTEM FOR DISPENSING PLURALITY OF WET WIPES S...

95) Family number: 33534604 (WO0221988A1) © PatBase

Title: SYSTEM FOR DISPENSING PLURALITY OF WET WIPES

Priority: US20000660040 20000912 US20010841323 20010424 US20010900359 20010706 WO2001US28517 20010912

Family:

Publication number	Publication date	Application number	Application date
AU2001290819 AA	20020326	AU20010290819	20010912
AU2001290819 BB	20060914	AU20010290819	20010912
AU200190819 A1	20020326	AU20010090819	20010912
AU200190819 A5	20020326	AU20010090819D	20010912
BRPI0113851 A	20040608	BR2001PI13851	20010912
BRPI0113851 B1	20101228	BR2001PI13851	20010912
CL2001002121 A1	20020729	CL20010002121	20010830
DE60124743 D1	20070104	DE20016024743	20010912
DE60124743 T2	20070315	DE20016024743T	20010912
EP1317202 A1	20030611	EP20010970867	20010912
EP1317202 B1	20061122	EP20010970867	20010912
MXPA03002149 A1	20030724	MX2003PA02149	20010912
TW561036 B	20031111	TW20010122326	20010910
WO0221988 A1	20020321	WO2001US28517	20010912

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WOLDWIDE INC

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): DELLERMAN PAIGE ANNETTE ; HUANG YUNG HSIANG ; FAULKS MICHAEL JOHN ; LARSON JENNIFER CAPPEL ; LEAK A TODD ; LEAK TODD A ; YUNG HSIANG HUANG ; TODD A LEAK ; STEVEN JOHN ROMME ; PAIGE ANNETTE DELLERMAN ; MICHAEL JOHN FAULKS ; LIGIA A RIVERA ; JENNIFER CAPPEL LARSON ; ROMME JOHN ; RIVERA A ; LEAK TODD ; LARSON CAPPEL ; HUANG HSIANG ; FAULKS JOHN ; DELLERMAN ANNETTE ; RIVERA LIGIA A ; ROMME STEVEN JOHN

Inventor(s): STEVEN JOHN ; YUNG HSIANG ; RIVERA LIGIA A AND ; ROME ; ROME STEVEN JOHN ; LIGIA A ; MICHAEL JOHN ; RIVERA ; LEAK ; LEAK A ; HUANG ; JENIFER CAPPEL ; LARSON ; LARSON JENIFER CAPPEL ; FAULKS ; A TODD LEAK ; DELLEMAN PAIGE A

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/22 A47K10/32 A47K10/38 A47K10/42 A47K7/00 B65D85/672 (Advanced/Invention)

International class (IPC 1–7): A47K10/22 A47K10/32 A47K10/38

CPC: Y10T225/224 Y10T225/239 Y10T225/297 A47K10/32 A47K10/3827 A47K10/426 A47K2010/3206 A47K2010/3266 B65D85/672

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32B K47K10/32W

Classification Explorer

Cited documents: US5439521 A,

0) WO0196194A1 – PLASTIC FILM POUCH HAVING A CLOSABLE ZIPPER SA...

96) Family number: 23265682 (WO0196194A1) © PatBase

Title: PLASTIC FILM POUCH HAVING A CLOSABLE ZIPPER

Priority: US20000593660 20000614 WO2001IL00542 20010613

Family:

Publication number	Publication date	Application number	Application date
AU200174462 A1	20011224	AU20010074462	20010613
AU200174462 A5	20011224	AU20010074462	20010613
WO0196194 A1	20011220	WO2001IL00542	20010613

Probable Assignee: ATIFON LTD

Assignee(s):(std): ATIFON LTD ; GELLER AVNER

Inventor(s):(std): GELLER AVNER

Inventor(s): AVNER GELLER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B65D33/25 (Advanced/Invention); B65D33/25 (Core/Invention)

International class (IPC 1–7): B65D27/38 B65D33/25

CPC: B65D33/2533 B65D33/2541

European class: B65D33/25A1C B65D33/25A3 B65D75/58B

Classification Explorer

Cited documents: US6021624 A, US5772392 A, US5772332 A, US5660479 A, US4947525 A, US4840611 A, US4691373 A, US2746502 A, EP0405995 A2,

0) US3448913A – WORK SUPPORT,MORE PARTICULARLY FOR HOUSEHOLD PU...

97) Family number: 25636386 (US3448913A) © PatBase

Title: WORK SUPPORT,MORE PARTICULARLY FOR HOUSEHOLD PURPOSES

Priority: DE1966B089531 19661022

Family:

Publication number	Publication date	Application number	Application date
AT271778 B	19690610	AT19670000081	19670104
CH467205 A	19690115	CH19670014632	19671019
DE1554644 B1	19700702	DE19661554644	19661022
FR1542979 A	00000000		00000000
GB1140324 A	19690115	GB19670034069	19670725
NL6714255 A	19680423	NL19670014255	19671020
SE319424 B	19700112	SE19670013486	19671002
US3448913 A	19690610	US19670000509	19670907

Probable Assignee: BREMSHEY AND CO

Assignee(s):(std)**:** BREMSHEY AND CO

Assignee(s): FIRMA BREMSHEY AND CO

Inventor(s):(std)**:** JOACHIM WOLFF DIPL ING ; WOLFF J ; WOLFF JOACHIM ; WOLFF JOACHIM DIPL ING

Inventor(s): JOACHIM WOLFF

International class (IPC 8–9): A47B96/18 A47J47/00 (Advanced/Invention); A47B96/00 A47J47/00 (Core/Invention)

International class (IPC 1–7): A47B96/18 A47J47/00 B65D25/14 B65D5/06 B65D83/00 B65F1/00 B65F1/06 B65H75/24 F02M5/02

CPC: A47B96/18 A47J47/00

European class: A47B96/18 A47J47/00

US class: 206/494 220/62.21 229/14 269/15 269/289R 493/214 53/175 53/390

Classification Explorer

Cited documents: US818257 A, US3362604 A, US3165201 A, US2844247 A, US2710704 A, US2593762 A, US2542413 A, US2248687 A, US2159945 A, US1873610 A, US1574259 A, US1222450 A, DE1917915 U,

0) NL2001516C – LABEL FOR BOTTLE CONTAINING E.G. DRUGS, HAS ADH...

98) Family number: 44338775 (NL2001516C) © PatBase

Title: LABEL FOR BOTTLE CONTAINING E.G. DRUGS, HAS ADHESIVE PORTION ON REAR PORTION OF HOLDER PORTION, WHERE FLAT MEDIUM IS DETACHABLY CONNECTED TO REAR PORTION OF HOLDER PORTION BY WATER–SOLUBLE GLUE

Priority: NL20082001516 20080424

Family:

Publication number	Publication date	Application number	Application date
NL2001516 C2	20091027	NL20082001516	20080424

Probable Assignee: NL SPECIAAL DRUKKERIJEN BV

Assignee(s):(std)**:** NL SPECIAAL DRUKKERIJEN B V ; NL SPECIAAL DRUKKERIJEN BV

Assignee(s): NEDERLANDSE SPECIAAL DRUKKERIJEN B V ; NEDERLANDSE SPECIAAL DRUKKERIJEN BV

Inventor(s):(std)**:** ZWART LOUISE SOPHIA DE ; VENDELOO JOHANNES ADRIANUS CORNELIS

Inventor(s): JOHANNES ADRIANUS CORNELIS VENDELOO ; LOUISE SOPHIA DE ZWART

International class (IPC 8–9): B31D1/02 G09F3/02 (Advanced/Invention); B31D1/00 G09F3/02 (Core/Invention)

CPC: B31D1/021 G09F3/0289

European class: B31D1/02B G09F3/02C2

Classification Explorer

Cited documents: WO9807133 A1, WO9627177 A1, US6682798 BA, EP0304242 A2,

0) EP0216546A1 – IMPROVEMENTS IN BUSINESS FORMS ASSEMBLIES. GES...

99) Family number: 15020163 (EP0216546A1) © PatBase

Title: IMPROVEMENTS IN BUSINESS FORMS ASSEMBLIES.

Priority: CA19860517745 19860909 GB19850022411 19850910

Family:

Publication number	Publication date	Application number	Application date
AT35956 E	19880815	AT19860306840T	19860904
AU198662513 A1	19870312	AU19860062513	19860909
AU593013 B2	19900201	AU19860062513	19860909
CA1270797 A1	19900626	CA19860517745	19860909
DE3660420 D1	19880901	DE19863660420	19860904
EP0216546 A1	19870401	EP19860306840	19860904
EP0216546 B1	19880727	EP19860306840	19860904
ES2002309 AF	19880801	ES19860001777	19860910
GB8522411 A0	19851016	GB19850022411	19850910
NZ217503 A	19890426	NZ19860217503	19860909
PT83336 A	19870506	PT19860083336	19860909
ZA8606844 A	19870624	ZA19860006844	19860909

Probable Assignee: MOORE BUSINESS FORMS INC

Assignee(s):(std)**:** MOORE BUSINES FORMS INC ; MOORE BUSINESS FORMS INC

Assignee(s): SMITH JOHN WILLIAM

Inventor(s):(std)**:** JOHN WILLIAM SMITH ; SMITH J W ; SMITH JOHN W ; SMITH JOHN WILLIAM

Designated states: AT BE CH DE FR GB IT LI LU NL SE

International class (IPC 8–9): B42D5/02 B65D27/00 (Advanced/Invention); B42D5/00 B65D27/00 (Core/Invention)

International class (IPC 1–7): B41L1/26 B42D15/00 B42D5/02 B42D5/2 B42F1/00 B65D27/00

CPC: B42D5/025

European class: B42D5/02C2

Classification Explorer

Cited documents: US4153163 A, US3580489 A, FR2536702 A1, FR2337625 A1, DE2753451 A1, CA1116137 A1,

0) US2003039412A – RESEALABLE CLOSURE FOR PACKAGE

100) Family number: 28041291 (US2003039412A) © PatBase

Title: RESEALABLE CLOSURE FOR PACKAGE

Priority: US20010915624 20010725 WO2002US23499 20020724

Family:

Publication number	Publication date	Application number	Application date
AU2002322621 AA	20030217	AU20020322621	20020724
AU2002322621 BB	20070823	AU20020322621	20020724
BRPI0211593 A	20040713	BR2002PI11593	20020724
CA2452726 AA	20031231	CA20022452726	20020724
CN1298594 C	20070207	CN20028014578	20020724
CN1533342 A	20040929	CN20028014578	20020724
EP1409360 A1	20040421	EP20020756625	20020724
EP1409360 A4	20080326	EP20020756625	20020724
MXPA04000693 A1	20040405	MX2004PA00693	20020724
PL366475 A1	20050207	PL20020366475	20020724
US2003039412 AA	20030227	US20010915624	20010725
US7165888 BB	20070123	US20010915624	20010725
WO03010057 A1	20030206	WO2002US23499	20020724

Probable Assignee: AVERY DENNISON CORP

Assignee(s):(std): AVERY DENNISON CORP ; RODICK RONALD G

Inventor(s):(std): RODICK RONALD G ; RONALD G RODICK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): B65D33/00 B65D33/16 B65D33/18 B65D33/20 B65D33/34 B65D65/32 (Advanced/Invention); B65D33/00 B65D33/16 B65D33/18 B65D33/34 B65D65/22 (Core/Invention)

International class (IPC 1–7): B65D33/00 B65D33/20 B65D65/28

CPC: B65D33/1691 B65D33/20 B65D33/34

European class: B65D33/16H B65D33/20 B65D33/34

US class: 383/207 383/211 383/86

Classification Explorer

Cited documents:

WO7900064 A1, US6478465 BA, US6328472 BA, US6325541 BA, US6315448 BA, US6299355 BA, US6241390 BA, US6120184 A, US6110586 A, US6048100 A, US5948400 A, US5888335 A, US5855434 A, US5824380 A, US5656705 A, US5616385 A, US5427849 A, US5192612 A, US5180635 A, US5141793 A, US5035518 A, US4915289 A, US4911563 A, US4871265 A, US4840270 A, US4833179 A, US4795782 A, US4786696 A, US4690322 A, US4657970 A, US4645711 A, US4629663 A, US4622799 A, US4599265 A, US4598112 A, US4584217 A, US4578429 A, US4543139 A, US4512479 A, US4500021 A, US4495318 A, US4441613 A, US4260061 A, US4226952 A, US4219627 A, US4208356 A, US4166152 A, US3993815 A, US3912581 A, US3827625 A, US3691140 A, US3648923 A, US3639521 A, US3620988 A, US3598887 A, US3390207 A, US3251905 A, US3154239 A, US3113986 A, US2002023924 AA,

0) US4508224A – CONTAINER FOR PHOTOGRAPHIC FILMS AND PRINTS

101) Family number: 2599063 (US4508224A) © PatBase

Title: Container for photographic films and prints

Priority: DE19772716011 19770409 DE19813130375 19810731 US19780885115 19780310

Family:

Publication number	Publication date	Application number	Application date
BE865409 A	19780929	BE19781008793	19780329
BE865409 A2	19780929	BE19781008793	19780329
CH626730 A	19811130	CH19780003593	19780404
CH657340 A	19860829	CH19820004340	19820716
DE2716011 A1	19781019	DE19772716011	19770409
DE2716011 C2	19880310	DE19772716011	19770409
DE3130375 A1	19830217	DE19813130375	19810731
IT1151679 A	19861224	IT19820022235	19820705
IT8222235 A0	19820705	IT19820022235	19820705
JP53127029 A2	19781106	JP19780038873	19780404
JP56000575 U1	19810106	JP19800079982U	19800610
JP57048619 Y2	19821025	JP19800079982U	19800610
JP58034451 A2	19830228	JP19820117901	19820708
US4508224 A	19850402	US19810306391	19810928

Probable Assignee: AGFA GEVARET AKTIENGESELLSCHAF

Assignee(s):(std)**:** AGFA GEVAERT AG ; AGFA GEVARET AKTIENGESELLSCHAF ; AGFA GEVAERT NV

Assignee(s): AGFA GEVARET AKTIENGESELLSCHAFT ; AGFA GEVAERT AKTIENGESELLSCHAFT ; AGFA GEVAERT N V ; AGFA GEVAERT AG 5090 LEVERKUSEN DE

Inventor(s):(std)**:** FUERUDEINANTO SHIYAANAA ; FURIIDORITSUHI FUIERU ; HUJER FRIEDRICH ; HUJER FRIEDRICH DIPL ING ; SCHANER FERDINAND ; SCHANER FERDINAND ING GRAD ; WEBER KLAUS ; WEBER KLAUS DIPL ING ; KURAUSU BUEEBAA ; FURIIDORITSUHI HIYUUEA

Inventor(s): WEBER KLAUS DIPL ING 8019 EBERSBERG DE ; SCHANER FERDINAND ING ; FERDINAND SCHANER ; FRIEDRICH HUJER ; HUJER FRIEDRICH DIPL ING 8022 GRUENWALD DE ; KLAUS WEBER

International class (IPC 8–9): B42F5/04 B65D27/08 G03D15/10 (Advanced/Invention)

International class (IPC 1–7): B42F5/00 B42F5/04 B42F7/06 B65D27/08 B65D27/10 B65D85/00 G03B27/62 G03D15/00 G03D15/10

CPC: B65D27/08 G03D15/005

European class: B65D27/08 G03D15/00B4

US class: 206/455 229/69 229/72

Classification Explorer

Cited documents: US4317538 A, US4065864 A, US3990625 A, US3900160 A, US3817445 A, US3764061 A, US3733770 A, US3620440 A, US3548526 A, US3414122 A, US3391855 A, US3348762 A, US3142437 A, US2956726 A, US2568941 A, JP52053684 A2, JP52021923 A2, JP45005121 Y1, JP37016716 Y1, JP34011111 Y1, GB1421906 A, GB1224339 A, GB1112100 A, GB1054210 A, GB1038621 A, GB1028246 A, FR1078540 A, DE2716012 A1, DE2716011 A1, DE2445829 A1, DE1536635 A1, DE1299215 A, DE1157920 B,

0) US2002184857A – PACKAGING AN ARTICLE WITH A PACKAGING SHEET INC...

102) Family number: 28303264 (US2002184857A) © PatBase

Title: PACKAGING AN ARTICLE WITH A PACKAGING SHEET INCLUDING A LONGITUDINAL FIN SEAL AND A TRANSVERSE TEAR STRIP

Priority: US20010877241 20010611

Family:

Publication number	Publication date	Application number	Application date
US2002184857 AA	20021212	US20010877241	20010611

Probable Assignee: KT HOLDINGS INC

Assignee(s):(std)**:** AMBORSKY ROBERT

Assignee(s): KT HOLDINGS INC ; O CONNOR LAWRENCE

Inventor(s):(std)**:** AMBORSKY ROBERT ; O CONNOR LAWRENCE

International class (IPC 8–9): B65B61/18 B65B9/06 (Advanced/Invention); B65B61/18 B65B9/06 (Core/Invention)

International class (IPC 1–7): B65B61/18

CPC: B65B9/06 B65B61/182

European class: B65B61/18B B65B9/06

US class: 53/412

Classification Explorer

0) ES265914Y – "UN BILLETE DE JUEGO QUE TIENE INFORMACION OCUL...

103) Family number: 29477845 (ES265914Y) © PatBase

Title: "UN BILLETE DE JUEGO QUE TIENE INFORMACION OCULTA EN EL MISMO".

Priority: ES19820265914U 19820617

Family:

Publication number	Publication date	Application number	Application date
ES265914 U	19830316	ES19820265914U	19820617
ES265914 Y	19840416	ES19820265914U	19820617

Probable Assignee: CANADIAN TAG AND LABEL LTD

Assignee(s): CANADIAN TAG AND LABEL LTD

International class (IPC 8–9): A63F3/06 (Advanced/Invention); A63F3/06 (Core/Invention)

International class (IPC 1–7): A63F3/06 A63F3/06

Classification Explorer

0) CA2219548A – BUSINESS FORM WITH EASILY EXTRACTABLE IDENTIFIC...

104) Family number: 11744882 (CA2219548A) © PatBase

Title: BUSINESS FORM WITH EASILY EXTRACTABLE IDENTIFICATION CARD

Priority: US19960742947 19961101 CA19972219548 19971029

Family:

Publication number	Publication date	Application number	Application date
CA2219548 AA	19980501	CA19972219548	19971029

Probable Assignee: UARCO INC

Assignee(s):(std): UARCO INC

Assignee(s): SCHNITZER DAVID H ; STANDARD REGISTER CO

Inventor(s):(std): SCHNITZER DAVID H

International class (IPC 8–9): B42D15/10 B42D25/23 (Advanced/Invention); B42D15/10 (Core/Invention)

International class (IPC 1–7): B42D15/10

Classification Explorer

0) US2001046386A – INSTANT PHOTO FILM PACK AND METHOD FOR PRODUCIN...

105) Family number: 28136612 (US2001046386A) © PatBase

Title: Instant photo film pack and method for producing the same

Priority: JP20000152359 20000524 JP20000155353 20000525

Family:

Publication number	Publication date	Application number	Application date
JP2001330927 A2	20011130	JP20000152359	20000524
JP2001337419 A2	20011207	JP20000155353	20000525
US2001046386 AA	20011129	US20010861573	20010522
US6533475 BB	20030318	US20010861573	20010522

Probable Assignee: FUJIFILM CORP

Assignee(s):(std): FUJI PHOTO FILM CO LTD

Assignee(s): FUJIFILM CORP

Inventor(s):(std): KATAYAMA MASAYA ; KATAYAMA SEIYA

International class (IPC 8–9): G03B17/32 G03B17/52 G03C3/00 G03C8/42 G03C8/50 (Advanced/Invention); G03B17/32 G03B17/48 G03C3/00 G03C8/00 (Core/Invention)

International class (IPC 1–7): G03B17/26 G03B17/52 G03C3/00 G03C8/42 G03C8/50

CPC: G03B17/32 G03C8/42

European class: G03B17/32 G03C8/42

US class: 396/517 396/527

Classification Explorer

Cited documents: US6192197 BA, US4804988 A, US4637703 A, JP6087155 A2,

0) US2001039786A – METHOD FOR PROVIDING WET WIPES

106) Family number: 33531829 (US2001039786A)

© PatBase

Title: Method for providing wet wipes

Priority: US20000545995 20000410 US20000565227 20000504 US20000748618 20001222 US20000660049 20000912 WO2001US12091 20010406

Family:

Publication number	Publication date	Application number	Application date
AU2001253454 AA	20011023	AU20010253454	20010406
AU2001253454 AH	20081113	AU20010253454	20010406
BRPI0109714 A	20040727	BR2001PI09714	20010406
CA2404447 AA	20020920	CA20012404447	20010406
CL2001000835 A1	20020227	CL20010000835	20010410
KR20030045667 A	20030611	KR20027013502	20021009
MXPA02009723 A1	20030327	MX2002PA09723	20010406
TW541158 B	20030711	TW20010107839	20010402
US2001039786 AA	20011115	US20000748618	20001222
WO0176441 A2	20011018	WO2001US12091	20010406
WO0176441 C1	20081002	WO2001US12091	20010406

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; ROMME STEVEN J ; NEWMAN WILLIAM ROBERT ; VELAZQUEZ HERB F ; RIVERA LIGIA A ; STANCA NICK E ; KIMBERLY CLARK CO

Assignee(s): ROMME STEVEN JOHN ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; NEWMAN WILLIAM ROBERT ; RIVERA LIGIA A ; ROMME STEVEN J ; ROMME STEVEN JOHN ; VELAZQUEZ HERB F ; STANCA NICK E

Inventor(s): STEVEN JOHN ROMME ; VELAZQUEZ H F RIVERA ; VELAZQUEZ HF RIVERA ; WILLIAM ROBERT NEWMAN ; FAULKS MICHAEL JOHN AND ; STANCA N E ; STANCA NE ; ROMME S M ; ROMME SM ; NICK E STANCA ; PAIGE ANNETTE DELLERMAN ; GERALD P DEGREEN ; HERB F VELAZQUEZ ; L ; LIGIA A RIVERA ; MICHAEL JOHN FAULKS ; NEWMAN W ; FAULKS M ; DELLERMAN P ; CHERRY A BOCHMANN ; BOCHMANN C A DEGREEN G ; BOCHMANN CA DEGREEN G

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/32 A47K10/34 A47K10/38 A47K10/42 B65B5/04 B65D1/22 B65D85/672 B65H16/02 (Advanced/Invention);
A47K10/32 (Advanced/Non–invention);
A47K10/24 B65D85/67 (Core/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 A47K10/42 B65B5/04 B65H16/02

CPC: A47K10/3827 A47K10/426 A47K2010/3266 B65D85/672 A47K10/32

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 242/598 53/471 53/476

Classification Explorer

0) US2003116674A – CONTINUOUS MOTION CORELESS ROLL WINDER

107) Family number: 28688989 (US2003116674A) © PatBase

Title: CONTINUOUS MOTION CORELESS ROLL WINDER

Priority: CA20022400776 20020828 US20010036863 20011221

Family:

Publication number	Publication date	Application number	Application date
CA2400776 AA	20030621	CA20022400776	20020828
MXPA02009167 A1	20030702	MX2002PA09167	20020919
US2003116674 AA	20030626	US20010036863	20011221
US6866220 BB	20050315	US20010036863	20011221

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; SOSALLA GERALD K ; CWIAKALA JOSEPH E

Inventor(s):(std)**:** SOSALLA GERALD K ; CWIAKALA JOSEPH E

International class (IPC 8–9): B65H18/00 B65H18/22 B65H19/22 (Advanced/Invention); B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): A47K10/38 A47K10/42 B65H18/00 B65H18/14

CPC: B65H18/22 B65H19/2253 B65H19/2276 B65H2301/5142 B65H2404/261 B65H2801/57

European class: B65H18/22 B65H19/22B4 B65H19/22C L65H301/5142 L65H351/420 L65H404/261 L65H801/57

US class: 242/541.2 242/541.200P 242/541.3

Classification Explorer

Cited documents: WO9933623, WO9929958, WO9803713, WO0182986 A2, WO0140090 A2, US6444214 BA, US6248211 BA, US6228216 BA, US6140551 A, US6056229 A, US5958187 A, US5913905 A, US5848756 A, US5839680 A, US5759339 A, US5690296 A, US5660349 A, US5648083 A, US5639046 A, US5603467 A, US5578124 A, US5545295 A, US5542622 A, US5540332 A, US5538199 A, US5527255 A, US5509161 A, US5501775 A, US5478027 A, US5449328 A, US5402960 A, US5401315 A, US5389148 A, US5314119 A, US5304391 A, US5275348 A, US5271575 A, US5243841 A, US5201164 A, US5152471 A, US5152121 A, US5137225 A, US5104055 A, US5089296 A, US5076424 A, US5049440 A, US4962897 A, US4929474 A, US4865221 A, US4856725 A, US4807825 A, US4803194 A, US4790491 A, US4741944 A, US4723724 A, US4695005 A, US4649695 A, US4601938 A, US4601256 A, US4590099 A, US4583698 A, US4565155 A, US4556454 A, US4533435 A, US4487377 A, US4485980 A, US4447924 A, US4338876 A, US4259924 A, US4257343 A, US4247362 A, US4213218 A, US4108110 A, US4045598 A, US3980043 A, US395645 A, US3949035 A, US3906893 A, US3873025 A, US3856226 A, US3853279 A, US3844813 A, US3830143 A, US3797281 A, US3776763 A, US3776482 A, US3766756 A, US3668905 A, US3519214 A, US3315908 A, US3097968 A, US3066046 A, US3019130 A, US273198 A, US258895 A, US257761 A, US2562457 A, US2556262 A, US2361082 A, US2333629 A, US2321938 A, US2257113 A, US2251295 A, US2200656 A, US2186957 A, US2119480 A, US2066780 A, US2059881 A, US2054113 A, US2025375 A, US1956561 A, US1901080 A, US1558271 A, US1316782 A, US1302352 A, US1235183 A, US1195888 A, JP6306793, JP5209395, JP2091300, JP10174670, EP0895956 A1, EP0641885 A1, EP0580561 A2, EP0256950 A1, EP0026091 B1, EP0026091 A1, EP0014520 B1, EP0014520 A1,

0) US3944418A – MICROELECTROPHOTOGRAPHIC METHOD

108) Family number: 31447654 (US3944418A) © PatBase

Title: Microelectrophotographic method

Priority: US19710105372 19710111 US19730359057 19730510 US19740529981 19741204

Family:

Publication number	Publication date	Application number	Application date
US3944418 A	19760316	US19710105372	19710111
US4033555 A	19770705	US19740529981	19741204

Probable Assignee: MOTCH MERRYWEATHER MACHINERY

Assignee(s):(std)**:** DENNISON MFG CO ; MOTCH MERRYWEATHER MACHINERY

Assignee(s): THE MOTCH AND MERRYWEATHER MACHINERY COMPANY ; DENNISON MANUFACTURING COMPANY

Inventor(s):(std)**:** FONG LEONG Q ; SLOAN DONALD D

International class (IPC 8–9)**:** B01J8/44 B65G53/20 F26B3/08 F26B3/092 G03G15/22 (Advanced/Invention); B01J8/24 B65G53/04 F26B3/02 G03G15/00 (Core/Invention)

International class (IPC 1–7)**:** B01F13/02 B01F15/00 B01J8/36 E01F8/00 G03G13/22

CPC: G03G15/22 B01J8/44 B65G53/20 F26B3/082 F26B3/0926

European class: B01J8/44 B65G53/20 F26B3/08B F26B3/092C G03G15/22

US class: 259/4R 366/101 399/159 430/31 430/8 430/97 96/1R

Classification Explorer

Cited documents: US3733056 A, US3418119 A, US3417975 A, US3305619 A, US3275439 A, US3165848 A, US2951304 A, DE1917047 A1,

0) WO08043193A2 – FORM COMPRISING A FOLDING CARD PRODUCIBLE THERE...

109) Family number: 41730441 (WO08043193A2) © PatBase

Title: FORM COMPRISING A FOLDING CARD PRODUCIBLE THEREFROM, AND MULTILAYER MATERIALS FOR THE PRODUCTION OF SUCH A FORM

Priority: CH20060001630 20061013 CH20070000202 20070206

Family:

Publication number	Publication date	Application number	Application date
WO08043193 A2	20080417	WO2007CH00497	20071008
WO08043193 A3	20080717	WO2007CH00497	20071008

Probable Assignee: FOFITEC AG

Assignee(s):(std)**:** FISCHER JULES ; FOFITEC AG

Inventor(s):(std)**:** FISCHER JULES

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ

TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B32B27/06 B32B27/36 B42D15/10 B42D5/02 (Advanced/Invention); B42D111/00 (Advanced/Non–invention); B32B27/06 B32B27/36 B42D15/10 B42D5/00 (Core/Invention)

CPC: B32B7/12 B32B27/10 B32B27/32 B32B27/36 B32B29/00 B42D5/027 B42D25/00 B42D25/47 B32B27/06 B32B7/06

European class: B32B27/10 B32B27/32 B32B27/36 B32B29/00 B32B7/06 B32B7/12 B42D15/10 B42D5/02C4 L42D31/28

Classification Explorer

Cited documents: WO9813210 A1, EP0733490 A1, DE9314674 U, DE4338127 A1,

0) US5112151A – COVER FOR ARTIST'S PASTEL

110) Family number: 5014534 (US5112151A) © PatBase

Title: COVER FOR ARTIST'S PASTEL

Priority: GB19890003052 19890210

Family:

Publication number	Publication date	Application number	Application date
GB2227978 A1	19900815	GB19890003052	19890210
GB2227978 B2	19921014	GB19890003052	19890210
GB8903052 A0	19890330	GB19890003052	19890210
US5112151 A	19920512	US19900478601	19900212

Probable Assignee: OFREX GROUP HOLDINGS PLC

Assignee(s):(std): OFREX GROUP HOLDINGS PLC

Assignee(s): OFREX GROUP HOLDINGS PLC A BRITISH CO

Inventor(s):(std): COLLIGNON THERESA

Inventor(s): THERESA COLLIGNON

International class (IPC 8–9): B43K19/14 (Advanced/Invention); B43K19/00 (Core/Invention)

International class (IPC 1–7): B32B27/10 B43K19/14

CPC: Y10S428/91 B43K19/14 Y10T428/15 Y10T428/24802 Y10T428/31895

European class: B43K19/14

US class: 401/96 401/97 428/195.1 428/43 428/511 428/910

Classification Explorer

Cited documents: US620051 A, US5023138 A, US5021272 A, US4848378 A, US4430013 A, US4086388 A, US4019822 A, US3981412 A, US2720966 A, GB752533 A, GB340818 A,

0) US6827309B – MOUNTING SYSTEM FOR A WET WIPES DISPENSER

111) Family number: 20787633 (US6827309B) © PatBase

Title: Mounting system for a wet wipes dispenser

Priority: US20000659307 20000912 WO2001US27698 20010907

Family:

Publication number	Publication date	Application number	Application date
AU2001287123 AA	20020326	AU20010287123	20010907
AU2001287123 BB	20070510	AU20010287123	20010907
AU200187123 A1	20020326	AU20010087123	20010907
AU200187123 A5	20020326	AU20010087123D	20010907
BRPI0113852 A	20060509	BR2001PI13852	20010907
BRPI0113852 B1	20111213	BR2001PI13852	20010907
EP1317203 A2	20030611	EP20010966624	20010907
KR20030032023 A	20030423	KR20037003549	20010907
MXPA03002148 A1	20030724	MX2003PA02148	20010907
US6827309 BA	20041207	US20000659307	20000912
WO0221989 A2	20020321	WO2001US27698	20010907
WO0221989 A3	20020620	WO2001US27698	20010907

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WORDWIDE INC

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; HUANG YUNG HSIANG ; KALMAN JEFFREY M ; LANG FREDERICK J ; LARSON JENNIFER CAPPEL ; BOCHMANN CHERRY A ; LINDSAY JEFF ; PELUSO JOHN EUGENE ; RIVERA LIGIA A ; ROMME STEVEN JOHN ; SCHULTZ WALTER THEODORE ; STANCA NICK E ; VELAZQUEZ HERB F ; NEWMAN WILLIAM ROBERT

Inventor(s): NICK E STANCA ; PAIGE ANNETTE DELLERMAN ; WALTER THEODORE SCHULTZ ; WILLIAM ROBERT NEWMAN ; YUNG HSIANG HUANG ; STEVEN JOHN ROMME ; MICHAEL JOHN FAULKS ; CHERRY A BOCHMANN ; LIGIA A RIVERA ; JEFF LINDSAY ; JEFFREY M KALMAN ; JENNIFER CAPPEL LARSON ; JOHN EUGENE PELUSO ; FREDERICK J LANG ; GERALD P DEGREEN ; HERB F VELAZQUEZ

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/22 A47K10/38 (Advanced/Invention); A47K10/22 A47K10/32 (Advanced/Non–invention); A47K10/24 (Core/Invention)

International class (IPC 1–7): A47K10/22 A47K10/38 B65H75/28

CPC: A47K10/3827 A47K2010/3266

European class: A47K10/38B2 K47K10/32W

US class: 242/580 242/594.1

Classification Explorer

Cited documents: WO9906311, WO9901536, WO9808763, WO9724054 A1, WO9621388, WO9317933, WO0008998, WO0000071, USRE35976, USD429282, USD422437, USD421691, USD417987, USD417109, USD416794, USD412439, USD397265, USD387590, USD386025, USD381851, USD377284, USD362773, USD347534, USD342852, USD342635, USD329978, USD311106, USD303890, US6158614, US6138939, US6121165, US6098836 A, US6092759, US6092758, US6092690, US6085899, US6082664, US6079603, US6070821, US6068118, US6059928, US6059882, US6056235, US6056233, US6047920, US6036134, US6024323, US6024217, US6024216, US6015125, US6010001, US6007019, US6000658, US6000538, US5992718, US5979821, US5971142, US5971138, US5967452, US5964351, US5958187, US5951762, US5950960, US5938013, US5924617, US5914177, US5904316, US5901921, US5897074 A, US5893531, US5887818, US5887759, US5875985, US5868347, US5868346, US5868345, US5868344, US5868335, US5868275, US5848762, US5765717, US5704566, US5704565, US5697577 A,

US5697576, US5687875, US5672206, US5669576, US5667092, US5660636, US5660313, US5655661, US5653403, US5649676, US5642810, US5631317, US5630563, US5630526, US5624025, US5620148, US5618008, US5609269, US5605250, US5604992, US5598987, US5588615, US5560514, US5542568, US5540332, US5533621, US5526973, US5520308, US5509593, US5501323, US5495997, US5494250, US5480060, US5464170, US5464096, US5462197 A, US5456421, US5456420, US5449127, US5443084, US5439521 A, US5409181, US5400982, US5392945, US5384189, US5374008, US5370336, US5368157, US5335811, US5317063, US5312883, US5311986, US5310262, US5277375, US5255800, US5253818, US5228632, US5219092, US5207367, US5195689, US5193759, US5192044, US5172840, US5170958, US5154496, US5145091, US5141171, US5137173, US5104054, US5050737, US5049440, US5029787, US5012986, US5009313, US5000393, US4991538, US4989800, US4984530, US4978095, US4936452, US4913365, US4890205, US4884690, US4883197, US4877133, US4860893, US4846412, US4836462, US4836368, US4834316, US4830301, US4828193, US4826063, US4807823, US4790490, US4784290, US4775109 A, US4756485, US4735317 A, US4721264 A, US4690345 A, US4684075 A, US4667890 A, US4662577 A, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4274573 A, US4260117 A, US4244493 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A, US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US2440974 A, US1664392 A, GB990332, GB2357076 A1, GB1327954 A, GB1324818, EP1048257, EP1023863 A1, EP0608460, EP0501905, EP0251103, EP0122809,

0) WO16132168A1 – A CORELESS ROLL AND A MANUFACTURING METHOD ROU...

112) Family number: 63313513 (WO16132168A1) © PatBase

Title: A CORELESS ROLL AND A MANUFACTURING METHOD

Priority: WO2015IB00576 20150216

Family:

Publication number	Publication date	Application number	Application date
AU2015383547 AA	20160825	AU20150383547	20150216
CN107250013 A	20171013	CN201580076306	20150216
CO20170008071 A2	20171031	CO20170008071	20170810
WO16132168 A1	20160825	WO2015IB00576	20150216

Probable Assignee: SCA TISSUE FRANCE

Assignee(s):(std)**:** SCA TISSUE FRANCE

Inventor(s):(std)**:** BARREDO DONALD

Inventor(s): DONALD BARREDO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 (Advanced/Invention)

CPC: B65H19/2276 B65H2301/414325

Classification Explorer

Cited documents: US5344091 A, US2010320302 AA, US2008245923 AA, GB1554619 A, EP2266904 A2, EP1380526 A2, EP1256541 A2,

0) GB1258423A – ENVELOPES.

113) Family number: 734851 (GB1258423A) © PatBase

Title: Envelopes.

Priority: GB19690000799 19690106

Family:

Publication number	Publication date	Application number	Application date
GB1258423 A	19711230	GB19690000799	19690106

International class (IPC 8–9): B42D5/02 (Advanced/Invention); B42D5/00 (Core/Invention)

International class (IPC 1–7): B65D27/10 C23C9/02

CPC: B42D5/025

European class: B42D5/02C2

Classification Explorer

0) US5290616A – RESEALABLE OVERLAMINATED LEAFLET LABEL

114) Family number: 11472553 (US5290616A) © PatBase

Title: RESEALABLE OVERLAMINATED LEAFLET LABEL

Priority: US19920982520 19921127

Family:

Publication number	Publication date	Application number	Application date
US5290616 A	19940301	US19920982520	19921127

Probable Assignee: CCL LABEL INC

Assignee(s):(std): CCL LABEL INC

Inventor(s):(std): NELSON DONOVAN D ; COWAN RANDY G

International class (IPC 8–9): G09F3/02 (Advanced/Invention); G09F3/02 (Core/Invention)

International class (IPC 1–7): C09J7/02

CPC: G09F3/0289 Y10T428/1476

European class: G09F3/02C2

US class: 281/5 283/81 428/40 428/41.8

Classification Explorer

Cited documents: USRE24962 E, US761357 A, US5174605 A, US4991878 A, US4850613 A, US4847130 A, US4846504 A, US4841712 A, US4747618 A, US4744591 A, US4744161 A,

US4726972 A, US4711686 A, US4661189 A, US4621837 A, US4621442 A, US4592572 A, US4534582 A, US4529229 A, US4323608 A, US4276334 A, US3524782 A, US3155234 A, US2706865 A, US2321184 A, US2127081 A, US2093985 A, US1974401 A, US1924909 A,

0) US4648510A – EASILY DISPENSABLE DETERGENCY BOOSTER CLOTHS AN...

115) Family number: 16981276 (US4648510A) © PatBase

Title: EASILY DISPENSABLE DETERGENCY BOOSTER CLOTHS AND DISPENSER THEREFOR

Priority: DE19853500936 19850114 DE19863665736 19860107 US19860818570 19860113 EP19860100117 19860107

Family:

Publication number	Publication date	Application number	Application date
AT46534 E	19891015	AT19860100117T	19860107
DE3500936 A1	19860717	DE19853500936	19850114
DE3665736 D1	19891026	DE19863665736	19860107
DE8500687 U1	19860515	DE19850000687U	19850114
EP0188210 A2	19860723	EP19860100117	19860107
EP0188210 A3	19870603	EP19860100117	19860107
EP0188210 B1	19890920	EP19860100117	19860107
ES291641 U	19860501	ES19860291641U	19860113
ES291641 Y	19870116	ES19860291641U	19860113
ES291641 Y1	19870216	ES19860291641U	19860113
JP61129776 U1	19860814	JP19860002118U	19860113
JP61168152 U1	19861018	JP19860002117U	19860113
US4648510 A	19870310	US19860818570	19860113
US4714643 A	19871222	US19860921667	19861021

Probable Assignee: HENKEL KGAA

Assignee(s):(std)**:** HENKEL KGAA

Assignee(s): HENKEL KGAA 4000 DUESSELDORF DE ; HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN ; HENKEL AUF AKTIEN (HENKEL KGAA) A CORP OF GERMANY ; HENKEL AUF AKTIEN (HENKEL KGAA) A CORP OF GERMANY KG ; HENKEL AUF AKTIEN HENKEL KGAA A CORP OF GERMANY KG ; HENKEL AUF AKTIEN KG ; HENKEL KG

Inventor(s):(std)**:** KUENZEL WERNER ; KUNZEL WERNER

Designated states: AT BE CH DE FR GB IT LI NL

International class (IPC 8–9)**:** B65D65/46 B65D83/08 C11D17/00 C11D17/04 C11D3/37 (Advanced/Invention); C11D17/04 (Advanced/Non–invention); B65D65/46 B65D83/08 C11D17/00 C11D17/04 C11D3/37 (Core/Invention); C11D17/04 (Core/Non–invention)

International class (IPC 1–7)**:** B65D65/46 B65D79/00 B65D83/08 B65D85/62 C11D17/00 C11D17/04 C11D17/06 C11D3/37

CPC: Y10T428/15 Y10T428/24174 Y10T428/24273 Y10T428/24298 C11D17/046 B65D83/0811

European class: B65D83/08B1 C11D17/04B4

US class: 206/233 206/449 206/494 206/499 221/33 221/47 252/90 252/91 428/119 428/131 428/134 428/43 510/296 510/513 510/515 510/531

Classification Explorer

Cited documents: US4587146 A, US4532063 A, US4524095 A, US4515703 A, US4487318 A, US4453649 A, US4448704 A, US4397754 A, US4170565 A, US3956155 A, US3955920 A, US3954642 A, US3944694 A, US3816321 A, US3685643 A, US3674286 A, US3265241 A, US3243079 A, US31885 A, US3186542 A, US2923435 A, US2648635 A, JP53005245 B4, JP53005245 B1, JP38010373 Y1, FR562558 A, EP0053282 A1, EP0013450 A1,

0) US3642552A – METHOD OF PRODUCING PHOTOGRAPH ALBUM LEAF OF CL...

116) Family number: 992328 (US3642552A) © PatBase

Title: METHOD OF PRODUCING PHOTOGRAPH ALBUM LEAF OF CLOSED POCKET CONSTRUCTION

Priority: US19680783672 19680713 US19700059832 19700624

Family:

Publication number	Publication date	Application number	Application date
US3587187 A	19710628	US19680783672	19681213
US3642552 A	19720215	US19700059832	19700624

Probable Assignee: DENNISON NATIONAL CO

Assignee(s):(std)**:** NAT BLANK BOOK CO

Assignee(s): NATIONAL BLANK BOOK CO INC ; DENNISON NATIONAL CO

Inventor(s):(std)**:** SIBLEY WILLIAM J

Inventor(s): WILLIAM J SIBLEY

International class (IPC 8–9): B42D1/08 B42F5/00 (Advanced/Invention); B42F5/00 (Core/Invention)

International class (IPC 1–7): B42F5/00 E06B3/30 G09F1/10

CPC: B42D1/08 B42F5/00 Y10T156/1034 Y10T156/1036 Y10T156/1044 Y10T156/1049 Y10T156/1064 Y10T156/108

European class: B42D1/08 B42F5/00

US class: 156/108 156/216 156/217 156/222 156/226 156/247 156/257 156/267 40/159 40/537 40/776 40/798 428/13

Classification Explorer

Cited documents: US3532412 A, US3336845 A, US2871153 A,

0) US2001001412A – METHOD OF MAKING DISPOSABLE ADHESIVE PROTECTIVE...

117) Family number: 28118852 (US2001001412A) © PatBase

Title: METHOD OF MAKING DISPOSABLE ADHESIVE PROTECTIVE GARMENT ON STRIP

Priority: US19990338911 19990623 US20010759626 20010112

Family:

Publication number	Publication date	Application number	Application date
US2001001412 AA	20010524	US20010759626	20010112
US6212683 BA	20010410	US19990338911	19990623

Probable Assignee: LIEBMANN BONNIE J

Assignee(s):(std)**:** LIEBMANN BONNIE J

Assignee(s):	MITSUBISHI DENKI KK
Inventor(s):(std)	LIEBMANN BONNIE J
International class (IPC 8–9)	A41B13/10 (Advanced/Invention); A41B13/00 (Core/Invention)
International class (IPC 1–7)	A41B13/10 B32B31/00
CPC:	Y10T156/1084 A41B13/10 A41B2400/52
European class:	A41B13/10 K41B400/52
US class:	156/247 156/269 156/277 2/48 2/49.4 2/52
Classification Explorer	
Cited documents:	USD303175 S1, US6079048 A, US5930837 A, US5881382 A, US5661851 A, US5644793 A, US5491844 A, US4622698 A, US4423523 A, US4330888 A, US4306316 A, US4288877 A, US3299440 A, US3221341 A, FR2616046 A1,

0) US2003217425A – WIPE WITH FINGER POCKETS

118) Family number: 29994348 (US2003217425A) © PatBase

Title:	WIPE WITH FINGER POCKETS
Priority:	US20020155449 20020523

Family:

Publication number	Publication date	Application number	Application date
MXPA03003269 A1	20031127	MX2003PA03269	20030411
US2003217425 AA	20031127	US20020155449	20020523

Probable Assignee:	KIMBERLY CLARK WORLDWIDE INC
Assignee(s):(std)	KIMBERLY CLARK CO
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC
Inventor(s):(std)	STEFFEN NANCY LYNN ; PRICE CINDY LOU ; DATTA PAUL JOSEPH
International class (IPC 8–9)	A47L13/18 B31B23/00 (Advanced/Invention); A47L13/16 B31B23/00 (Core/Invention)
International class (IPC 1–7)	A47L13/10 A47L13/18 B32B31/00
CPC:	A47L13/18 B31B70/00 B31B2155/00 B31B2155/002 B31B2160/10
European class:	A47L13/18 B31B23/00 L31B237/10 L31B237/50
US class:	15/227 15/227P 156/29 156/290 156/290S 156/308.4 156/308.400S 156/73.1 156/73.100S
Classification Explorer	
Cited documents:	US6811338 BA, US6560813 BB, US6530108 BA, US6123792 A, US5765228 A, US5704089 A, US5649336 A, US5473789 A, US5127127 A, US4891957 A, US4818464 A, US4631933 A, US4397754 A, US4374888 A, US4100324 A, US4071921 A, US3902509 A, US3675264 A, US2790982 A, US2621784 A, US1731340 A, US1551416 A, US1046325 A,

0) US6231747B – STERILIZING WET WIPER AND APPARATUS FOR SUPPLYI...

119) Family number: 30909404 (US6231747B) © PatBase

Title: Sterilizing wet wiper and apparatus for supplying sterilizing wet wipers

Priority: JP19980255954 19980826

Family:

Publication number	Publication date	Application number	Application date
JP2000070171 A2	20000307	JP19980255954	19980826
US6231747 BA	20010515	US19990292010	19990415

Probable Assignee: OMEGA CO LTD

Assignee(s):(std): T R P CO LTD ; TRP KK

Assignee(s): OMEGA CO LTD ; TR P CO LTD

Inventor(s):(std): NAKAMURA SHINICHI ; FUKUZUKA KUNIHIKO

International class (IPC 8–9): A47K7/00 C02F1/467 D06M11/00 D06M11/11 (Advanced/Invention); C02F1/461 (Advanced/Non–invention); A47K7/00 C02F1/461 D06M11/00 (Core/Invention)

International class (IPC 1–7): A47K7/00 A61L2/02 C25B1/26 C25B9/00 D06M11/11

CPC: C02F1/4618 C02F1/4674 C02F2201/4615

European class: C02F1/467B2 M02F1/461B6 M02F201/461B6F

US class: 204/278.5 205/500 205/701

Classification Explorer

Cited documents: WO8903809 A1, US6113853 A, US6106691 A, US3819329 A, US3062732 A, US2882210 A, EP0243846 A2,

0) US5972452A – SHEET SHAPED OXYGEN ABSORBING MEMBER AND METHOD...

120) Family number: 11754464 (US5972452A) © PatBase

Title: SHEET SHAPED OXYGEN ABSORBING MEMBER AND METHOD FOR MANUFACTURE THEREOF

Priority: JP19930306512 19931207 JP19940303700 19941207 US19970799961 19970214 US19940354099 19941206

Family:

Publication number	Publication date	Application number	Application date
DE69432337 D1	20030430	DE19946032337	19941207
DE69432337 T2	20031211	DE19946032337T	19941207
EP0657277 A2	19950614	EP19940309128	19941207
EP0657277 A3	19951129	EP19940309128	19941207
EP0657277 B1	20030326	EP19940309128	19941207
JP7219430 A2	19950818	JP19940303700	19941207
KR100288895 B1	20010502	KR19940033183	19941207
KR19950016863 A	19950720	KR19940033183	19941207
TW263470 B	19951121	TW19940111697	19941214
US5972452 A	19991026	US19970799961	19970214

Probable Assignee: MITSUBISHI GAS CHEMICAL CO INC

Assignee(s):(std): MITSUBISHI GAS CHEMICAL CO ; MITSUBISHI GAS CHEMICAL CO INC

Assignee(s): MITSUBISHI GAS CHEMICAL COMPANY INC ; MITSUBISHI GAS KAGAKU KK ; MITSUBISHI GAS CHEM CO INC

Inventor(s):(std): HATAKEYAMA HIDETOSHI ; NAKATANI FUTOSHI ; NAKAYA FUTOSHI ; TAKAHASHI HIDEYUKI ; TAKAHASHI HIDEYUKI C O MITSUBI ; NAKAYA FUTOSHI C O

	MITSUBISHI ; HATAKEYAMA HIDETOSHI C O MITSU
Inventor(s):	TAKAHASHI HIDEYUKI C O MITSUBISHI GAS CHEM ; NAKAYA FUTOSHI C O MITSUBISHI GAS CHEM ; HATAKEYAMA HIDETOSHI C O MITSUBISHI GAS CHEM
Designated states:	DE FR GB
International class (IPC 8–9):	A23L3/34 A23L3/3436 B32B27/08 B32B27/18 B32B7/00 B65D81/26 G09F3/00 G09F3/02 H05K7/16 (Advanced/Invention); B01J20/28 (Advanced/Non–invention); A23L3/34 B32B27/08 B65D81/26 G09F3/00 G09F3/02 H05K7/16 (Core/Invention)
International class (IPC 1–7):	A23L3/3436 B01J20/28 B32B7/00 B65D81/24 B65D81/26 C01B13/00 G09F3/00 G09F3/02
CPC:	B32B27/18 B65D81/267 B65D81/268 B32B27/08 Y10T428/14 Y10T428/234 Y10T428/239 Y10T428/2495 Y10T428/24967
European class:	B32B27/08 B32B27/18 B65D81/26F1 B65D81/26F2
US class:	206/204 206/484.1 206/484.2 252/188.28 428/213 428/215 428/40.1 428/72 428/76 428/78
Classification Explorer	
Cited documents:	WO9425263 A1, WO9212004 A1, US5486158 A, US5157902 A, US5153038 A, US5143769 A, US5116660 A, JP6336816 A2, JP62001824 A2, JP6158832 A2, EP0657277 A2, EP0466515 A2, EP0367390 A2, EP0225593 A2,

0) US2016015225A – ABSORBENT SHEET PRODUCTS STRIP HAVING LIMITED L...

121) Family number: 61435829 (US2016015225A) © PatBase

Title:	ABSORBENT SHEET PRODUCTS STRIP HAVING LIMITED LIQUID STRIKE–THROUGH PROPERTY
Priority:	EP20140002485 20140717

Family:

Publication number	Publication date	Application number	Application date
CN105266701 A	20160127	CN201510418784	20150716
EP2975177 A1	20160120	EP20140002485	20140717
US2016015225 AA	20160121	US20150801992	20150717

Probable Assignee:	SCA TISSUE FRANCE
Assignee(s):(std):	SCA TISSUE FRANCE
Inventor(s):(std):	BARREDO DONALD ; JEANNOT SEBASTIEN ; LE GALL THOMAS ; PLEYBER EMILIE
Designated states:	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR
International class (IPC 8–9):	A47K10/16 D21H27/00 D21H27/02 (Advanced/Invention)
CPC:	D21H27/002 D21H27/02 A47K10/16
US class:	134/6 15/209.1
Classification Explorer	
Cited documents:	WO13184909 A1, WO06092817 A1, US8383223 BB, US4481243 A, US2012088076 AA, US2012034430 AA, US2010297378 AA, US2008199660 AA, US2007084099 AA, US2007044928 AA, EP1527898 A1,

0) US6479137B – CONTROLLED DIRECTIONAL TEAR LAMINATES

122) Family number: 15774176 (US6479137B)

Title: CONTROLLED DIRECTIONAL TEAR LAMINATES

Priority: US20000568208 20000509 WO2001US12890 20010420

Family:

Publication number	Publication date	Application number	Application date
AU2001255532 AA	20011120	AU20010255532	20010420
AU200155532 A1	20011120	AU20010055532	20010420
AU200155532 A5	20011120	AU20010055532	20010420
US6479137 BA	20021112	US20000568208	20000509
WO0185448 A1	20011115	WO2001US12890	20010420

Probable Assignee: EXXONMOBIL OIL CORP

Assignee(s):(std)**:** EXXON MOBIL OIL CORP ; MOBIL OIL CORP

Assignee(s): EXXONMOBIL OIL 5200 BAYWAY DRI CORPVEB ; EXXONMOBIL OIL CORP

Inventor(s):(std)**:** JOYNER PATRICK K ; KONG DAN CHENG

Inventor(s): PATRICK K JOYNER ; DAN CHENG KONG

Designated states: AT AU BE BR CA CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR

International class (IPC 8–9): B32B27/32 (Advanced/Invention); B32B27/32 (Core/Invention)

International class (IPC 1–7): B32B23/08 B32B27/08 B32B27/32 B32B7/02

CPC: Y10S428/91 B32B27/32 Y10T428/24942 Y10T428/3175 Y10T428/31797 Y10T428/31895 Y10T428/31909 Y10T428/31913 Y10T428/31938

European class: B32B27/32

US class: 428/212 428/476.3 428/483 428/511 428/515 428/516 428/523 428/910

Classification Explorer

Cited documents: USRE30726 E, US5912060 A, US5888640 A, US5885721 A, US5885707 A, US5879768 A, US5878549 A, US5840244 A, US5837369 A, US5827615 A, US5786050 A, US5725962 A, US5721025 A, US5691070 A, US5654082 A, US5589561 A, US5512337 A, US5308668 A, US5288531 A, US5241030 A, US5206075 A, US5169696 A, US5091241 A, US4820557 A, US4687688 A, US4680207 A, JP2000238212, JP10337828, EP0372886 A2, EP0291098 A2,

0) WO17146577A1 – FOLDABLE AND BIODEGRADABLE CUSHIONING SHEET FE...

123) Family number: 66783759 (WO17146577A1)

Title: FOLDABLE AND BIODEGRADABLE CUSHIONING SHEET

Priority: NL20162016317 20160225 NL20162017518 20160923

Family:

Publication number	Publication date	Application number	Application date
NL2016317 B1	20170911	NL20162016317	20160225
WO17146577 A1	20170831	WO2017NL50114	20170224

Probable Assignee: GENERATION OF CHANGE BV

Assignee(s):(std)**:** GENERATION OF CHANGE BV

Inventor(s):(std)**:** CORNELIS JAN VAN D PLAS ; PETRUS JACOBUS ANTHONIUS WESTGEEST ; WESTGEEST PETRUS JACOBUS ANTHONIUS ; PLAS CORNELIS JAN VAN D

Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65D65/46 B65D81/05 (Advanced/Invention)

CPC: B65D81/056 B65D65/466 B65D2581/056 Y02W90/13

Classification Explorer

Cited documents: WO9117932 A1, WO04113073 A1, US6007469 A, US6000545 A, JP5178372 A2, FR2446176 A1, FR1215271 A, EP0369871 A1, DE9321379 U,

DE202014001280 U1

DE202010008483 U1

DE102010025767 A1

BE568999 A,

0) US2002036208A – WIPES DISPENSING SYSTEM

124) Family number: 33531841 (US2002036208A) © PatBase

Title: WIPES DISPENSING SYSTEM

Priority: US20000545992 20000410 US20000545995 20000410 US20010849935 20010504 US20000659295 20000912 US20000565227 20000504

Family:

Publication number	Publication date	Application number	Application date
US2002036208 AA	20020328	US20010849935	20010504
US7011272 BB	20060314	US20010849935	20010504

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): BOCHMANN CHERRY A ; DEGREEN GERALD P ; DELLERMAN PAIGE ANNETTE ; FAULKS MICHAEL JOHN ; KALMAN JEFFREY M ; KIMBERLY CLARK CO ; NEWMAN WILLIAM ROBERT ; ROMME STEVEN JOHN ; RIVERA LIGIA A ; VELAZQUEZ HERB F ; LARSON JENNIFER CAPPEL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): HUANG YUNG HSIANG ; VELAZQUEZ HERB F ; ROMME STEVEN JOHN ; RIVERA LIGIA A ; NEWMAN WILLIAM ROBERT ; LARSON JENNIFER CAPPEL ; KALMAN JEFFREY M ; FAULKS MICHAEL JOHN ; DELLERMAN PAIGE ANNETTE ; DEGREEN GERALD P ; BOCHMANN CHERRY A

International class (IPC 8–9): A47K10/32 A47K10/38 A47K10/42 B65D85/672 B65H16/00 B65H18/04 (Advanced/Invention); A47K10/24 B65D85/67 B65H16/00 B65H18/00 (Core/Invention)

International class (IPC 1–7): B65H1/00

CPC: A47K10/32 A47K10/426 A47K2010/3266 B65D85/672

European class: A47K10/32 A47K10/38B2 A47K10/42D B65D85/672 K47K10/32W

US class: 221/46 242/598.6

Classification Explorer

Cited documents: WO9906311 A2, WO9901536 A1, WO9808763 A1, WO9724054, WO9621388 A1, WO9317933, WO0182763, WO0065975, WO0065974, WO0065973, WO0008998, WO0000071, USRE35976 E, USD429282 S1, USD422437 S1, USD421691 S1,

USD417987 S1, USD417109 S1, USD416794 S1, USD412439 S1, USD397265 S1, USD387590 S1, USD386025 S1, USD381851 S1, USD377284 S1, USD362773 S1, USD347534 S1, USD342852 S1, USD342635 S1, USD329978 S1, USD311106 S1, USD303890 S1, US714963 A, US6158614 A, US6138939 A, US6121165 A, US6098836 A, US6092759 A, US6092758 A, US6092690 A, US6085899 A, US6082664 A, US6079603 A, US6070821 A, US6068118 A, US6059928 A, US6059882 A, US6056235 A, US6056233 A, US6047920 A, US6036134 A, US6024323 A, US6024217 A, US6024216 A, US6015125 A, US6010001 A, US6007019 A, US6000658 A, US6000538 A, US5992718 A, US5979821 A, US5971142 A, US5971138 A, US5967452 A, US5964351 A, US5958187 A, US5951762 A, US5950960 A, US5938013 A, US5924617 A, US5914177 A, US5904316 A, US5901921 A, US5897074 A, US5893531 A, US5887818 A, US5887759 A, US5875985 A, US5868347 A, US5868346 A, US5868345 A, US5868344 A, US5868335 A, US5868275 A, US5848762 A, US5765717 A, US5704566 A, US5704565 A, US5697577 A, US5697576 A, US5687875 A, US5672206 A, US5669576 A, US5667092 A, US5660636 A, US5660313 A, US5655661 A, US5653403 A, US5649676 A, US5642810 A, US5631317 A, US5630563 A, US5630526 A, US5624025 A, US5620148 A, US5618008 A, US5609269 A, US5605250 A, US5604992 A, US5598987 A, US5588615 A, US5560514 A, US5542568 A, US5540332 A, US5533621 A, US5526973 A, US5520308 A, US5509593 A, US5501323 A, US5495997 A, US5494250 A, US5480060 A, US5464170 A, US5464096 A, US5462197 A, US5456421 A, US5456420 A, US5449127 A, US5443084 A, US5439521 A, US5409181 A, US5400982 A, US5392945 A, US5384189 A, US5374008 A, US5370336 A, US5368157 A, US5335811 A, US5317063 A, US5312883 A, US5311986 A, US5310262 A, US5277375 A, US5255800 A, US5253818 A, US5228632 A, US5219092 A, US5207367 A, US5195689 A, US5193759 A, US5192044 A, US5172840 A, US5170958 A, US5154496 A, US5145091 A, US5141171 A, US5137173 A, US5104054 A, US5050737 A, US5049440 A, US5029787 A, US5012986 A, US5009313 A, US5000393 A, US4991538 A, US4989800 A, US4984530 A, US4978095 A, US4936452 A, US4913368 A, US4913365 A, US4890205 A, US4884690 A, US4883197 A, US4877133 A, US4860893 A, US4846412 A, US4836462 A, US4836368 A, US4834316 A, US4834306 A, US4830301 A, US4828193 A, US4826063 A, US4807823 A, US4790490 A, US4784290 A, US4775109 A, US4756485 A, US4735317 A, US4721264 A, US4690345 A, US4684075 A, US4667890 A, US4662577 A, US4662576 A, US4659028 A, US4648530 A, US4607809 A, US4601938 A, US4570820 A, US4566606 A, US4564148 A, US4550855 A, US4535912 A, US4526291 A, US4467974 A, US4463912 A, US4453634 A, US4447015 A, US4436221 A, US4432504 A, US4428497 A, US4427159 A, US4425012 A, US4411374 A, US4401248 A, US4383656 A, US4375874 A, US4363454 A, US4353480 A, US4328907 A, US4294389 A, US4274573 A, US4260117 A, US4244493 A, US4235333 A, US4222621 A, US4219129 A, US4205802 A, US4191317 A, US4179078 A, US4138034 A, US4135678 A, US4135199 A, US4131195 A, US4124259 A, US4114824 A, US4106617 A, US4106616 A, US4106433 A, US4101026 A, US4098469 A, US4071200 A, US4069789 A, US4043519 A, US4025004 A, US4004687 A, US4002264 A, US3995582 A, US3994417 A, US3986479 A, US3982659 A, US3970215 A, US3967756 A, US3949947 A, US3943859 A, US3913522 A, US3890622 A, US3865271 A, US3848822 A, US3843017 A, US3841466 A, US3837595 A, US3836045 A, US3836044 A, US3824953 A, US3806055 A, US3795355 A, US3788573 A, US3784055 A, US3780908 A, US3775801 A, US3771739 A, US3756483 A, US3754804 A, US3729145 A, US3713170 A, US3656699 A, US3633838 A, US3603519 A, US3592161 A, US3568635 A, US3532210 A, US3368522 A, US3310353 A, US2440971 A, US1664392 A, GB990332, GB2357076 A1, GB1327954, GB1324818, EP1048257 A3, EP1048257 A2, EP1023863 A1, EP0608460 B1, EP0608460 A1, EP0501905 A1, EP0251103 A1, EP0122809 A1,

0) JP4044968A – PACKAGING BAG EASY TO TAKE OUT CONTENT

125) Family number: 7670951 (JP4044968A) © PatBase

Title: PACKAGING BAG EASY TO TAKE OUT CONTENT

Priority: JP19900145102 19900601

Family:

Publication number	Publication date	Application number	Application date
JP4044968 A2	19920214	JP19900145102	19900601

Probable Assignee: TOYO ALUMINIUM KK

Assignee(s):(std)**:** TOYO ALUMINIUM KK

Assignee(s):	TOYO ALUM KK
Inventor(s):(std)	KAMATA MAMORU
International class (IPC 8–9)	B65D75/62 B65D81/34 (Advanced/Invention); B65D75/52 B65D81/34 (Core/Invention)
International class (IPC 1–7)	B65D75/62 B65D81/34
CPC:	B65D81/3461
European class:	B65D81/34M2

Classification Explorer

0) US5292000A – HOLDER FOR MEDICAL SPECIMEN SLIDE

126) Family number: 11478032 (US5292000A) © PatBase

Title:	HOLDER FOR MEDICAL SPECIMEN SLIDE
Priority:	US19920975878 19921113

Family:

Publication number	Publication date	Application number	Application date
US5292000 A	19940308	US19920975878	19921113

Probable Assignee:	LEVY ABNER
Assignee(s):(std)	LEVY ABNER
Inventor(s):(std)	LEVY ABNER
International class (IPC 8–9)	A61B10/00 B65D25/54 B65D43/16 (Advanced/Invention); A61B19/00 A61B19/02 (Advanced/Non–invention); A61B10/00 B65D25/00 B65D43/16 (Core/Invention); A61B19/00 (Core/Non–invention)
International class (IPC 1–7)	B65D85/48
CPC:	A61B90/90 A61B2050/0056 A61B10/0096 B65D25/54 B65D43/162
European class:	A61B10/00S B65D25/54 B65D43/16B K61B19/02C2L K61B19/44
US class:	206/45.31 206/456 206/772

Classification Explorer

Cited documents: US5147042 A, US4819804 A, US3710975 A, US3215332 A,

0) US4884680A – COSMETIC DISPLAY

127) Family number: 3259940 (US4884680A) © PatBase

Title:	COSMETIC DISPLAY
Priority:	US19870014970 19870217 US19880220930 19880715

Family:

Publication number	Publication date	Application number	Application date
US4884680 A	19891205	US19880220930	19880715

Probable Assignee:	AVON PROD INC
Assignee(s):(std)	AVON PROD INC

Assignee(s):	AVON PRODUCTS INC
Inventor(s):(std)	ISRAEL GARY ; O MARA RICHARD C ; STEENOD WAYNE
International class (IPC 8–9):	A45D40/00 B65D75/30 G09F5/04 (Advanced/Invention); A45D40/00 B65D75/28 G09F5/00 (Core/Invention)
International class (IPC 1–7):	B65D23/12
CPC:	Y10S206/823 B65D75/30 A45D40/0087 A45D2200/1027 A45D2200/1036 G09F5/04 Y10T428/15
European class:	A45D40/00S B65D75/30 G09F5/04 K45D200/10B4 K45D200/10B6
US class:	206/1.9 206/44.11 206/457 206/467 206/823 401/88 428/13 428/43
Classification Explorer	
Cited documents:	US4648506 A, US4444310 A, US4369885 A, US4324331 A, US4211329 A, US4030662 A, US3942640 A, US3780856 A,

0) FR2455775A – BILLET DE JEU LOTTERY GAME TICKET – HAS INFORMA...

128) Family number: 3879712 (FR2455775A) © PatBase

Title:	BILLET DE JEU LOTTERY GAME TICKET – HAS INFORMATION CONCEALED BY A PERFORATED TEAR LINE EXTENDING THROUGH COVER AND BASE SHEET
Priority:	FR19790011040 19790502

Family:

Publication number	Publication date	Application number	Application date
FR2455775 A1	19801128	FR19790011040	19790502
FR2455775 B1	19840810	FR19790011040	19790502

Probable Assignee:	CANADIAN TAG AND LABEL CO
Assignee(s):(std)	CANADIAN TAG AND LABEL CO
Assignee(s):	CANADIAN TAG LABEL LTD
International class (IPC 8–9):	A63F3/06 (Advanced/Invention); A63F3/06 (Core/Invention)
International class (IPC 1–7):	B44F1/12 G09F3/02
CPC:	A63F3/069
European class:	A63F3/06F6
Classification Explorer	
Cited documents:	US3900219 A, GB1441489 A, GB1185066 A, FR2136374 A5, FR2112797 A5, BE505054 A,

0) GB2319213A – A NOTEPAD SUB–DIVIDED BY PERFORATIONS INTO DETA...

129) Family number: 13458759 (GB2319213A) © PatBase

Title: A notepad sub−divided by perforations into detachable areas for recording messages

Priority: GB19960023857 19961116

Family:

Publication number	Publication date	Application number	Application date
GB2319213 A1	19980520	GB19960023857	19961116
GB2319213 A8	19980924	GB19960023857	19961116
GB9623857 A0	19970108	GB19960023857	19961116

Probable Assignee: HAYDU JONES KLARA B

Assignee(s):(std)**:** HAYDU JONES KLARA B ; HAYDU JONES KLARA BORBALA ; HAYDU JONES TREVOR C ; HAYDU JONES TREVOR CLIFFORD

Assignee(s): KLARA BORBALA HAYDU JONES ; TREVOR CLIFFORD HAYDU JONES

Inventor(s):(std)**:** HAYDU JONES TREVOR CLIFFORD ; HAYDU JONES KLARA BORBALA ; HADYU JONES TREVOR CLIFFORD

Inventor(s): KLARA BORBALA HAYDU JONES ; TREVOR CLIFFORD HAYDU JONES

International class (IPC 8−9): B42D5/00 (Advanced/Invention); B42D5/00 (Core/Invention)

International class (IPC 1−7): B42D5/00

CPC: B42D5/005

European class: B42D5/00B1

Classification Explorer

Cited documents: US3937491, GB909548, GB687354, EP0325057,

0) ES1013746Y − ESTUCHE DISPENSADOR PARA PAPELES DE ENVOLTURA O...

130) Family number: 17243369 (ES1013746Y)

© PatBase

Title: ESTUCHE DISPENSADOR PARA PAPELES DE ENVOLTURA O SIMILARES.

Priority: ES19900001129U 19900404

Family:

Publication number	Publication date	Application number	Application date
ES1013746 UA	19910116	ES19900001129U	19900404
ES1013746 Y1	19910616	ES19900001129U	19900404
ES1013746 YA	19910616	ES19900001129U	19900404

Probable Assignee: FEDEA INDUSTRIA AUXILIAR DEL ENVASE SA

Assignee(s): FEDEA INDUSTRIA AUXILIAR DEL ENVASE S A ; FEDEA INDUSTRIA AUXILIAR DEL ENVASE SA

Inventor(s):(std)**:** MAS VIDAL ISIDRO

International class (IPC 8−9): B65D5/26 B65H16/02 (Advanced/Invention); B65D5/20 B65H16/00 (Core/Invention)

International class (IPC 1−7): B65D5/26 B65H16/02

Classification Explorer

0) ES2024779A − PROCESS FOR FORMING CLOSURES IN LIGHTWEIGHT CON...

131) Family number: 19014529 (ES2024779A)

© PatBase

Title: Process for forming closures in lightweight containers

Priority: ES19900001299 19900510

Family:

Publication number	Publication date	Application number	Application date
ES2024779 AF	19920301	ES19900001299	19900510

Probable Assignee: PAPER SA

Assignee(s):(std)**:** PAPER S A ; PAPER SA

Inventor(s):(std)**:** TEXIDOR CASANOVAS PEDRO

International class (IPC 8–9): B65D43/00 (Advanced/Invention); B65D43/00 (Core/Invention)

International class (IPC 1–7): B65D43/0

Classification Explorer

0) FR1415972A – FEUILLE DE PAPIER A LETTRES EXPEDIEE SANS ENVEL...

132) Family number: 21377602 (FR1415972A)

© PatBase

Title: FEUILLE DE PAPIER A LETTRES EXPEDIEE SANS ENVELOPPE SHEET PAPER LETTERS SENT WITHOUT ENVELOPE (Machine translation)

Priority: FR19640993262 19641030

Family:

Publication number	Publication date	Application number	Application date
FR1415972 A	19651029	FR19640993262	19641030

Inventor(s):(std)**:** JR JOHN HERBERT HAYES

International class (IPC 8–9): B42D15/08 (Advanced/Invention); B42D15/08 (Core/Invention)

International class (IPC 1–7): B65D27/00

CPC: B42D15/08

European class: B42D15/08

Classification Explorer

0) WO11015190A2 – DEVICE AS A SYSTEM SET, TRAVEL UNIT, FOR THE PE...

133) Family number: 44240538 (WO11015190A2)

© PatBase

Title: DEVICE AS A SYSTEM SET, TRAVEL UNIT, FOR THE PERSONAL POSSIBILITY OF DRY AND MOIST BODY HYGIENE REGARDLESS OF LOCATION, IN PARTICULAR ON TRIPS

Priority: DE200920010543U 20090804 DE201011003208T 20100804 WO2010DE00915 20100804

Family:

Publication number	Publication date	Application number	Application date
DE112010003208 A5	20120802	DE201011003208T	20100804
DE202009010543 U1	20100107	DE200920010543U	20090804
WO11015190 A2	20110210	WO2010DE000915	20100804
WO11015190 A3	20110421	WO2010DE000915	20100804

Probable Assignee: NEUENDORF RONALD

Assignee(s):(std)**:** NEUENDORF RONALD

Assignee(s): NEUENDORF

Inventor(s):(std)**:** NEUENDORF RONALD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A45D34/06 A45D44/00 A47K10/20 A47K10/32 B65D81/32 (Advanced/Invention)

CPC: A45D34/06 A45D40/24 A45D2200/057 A45D2200/1027 A45D2200/25 A47K2010/328 B05B7/0018 B05B11/30 B65D81/32

European class: A45D34/06 A45D40/24 B65D81/32 K45D200/05H6 K45D200/10B4 K45D200/25 K47K10/32W1A L05B11/30 L05B7/00C

Classification Explorer

Cited documents: WO9953816 A1, US2006011660 AA, EP1283686 A1,

DE202007017965 U1

DE19920685 A1, DE10026118 A1,

0) US4151913A – RETAINING AND INVENTORY PAD FOR SURGICAL SHARPS...

134) Family number: 7424178 (US4151913A) © PatBase

Title: RETAINING AND INVENTORY PAD FOR SURGICAL SHARPS AND NEEDLES

Priority: US19770847904 19771102

Family:

Publication number	Publication date	Application number	Application date
US4151913 A	19790501	US19770847904	19771102

Probable Assignee: ACURA MED

Assignee(s):(std)**:** ACURA MED

Inventor(s):(std)**:** FREITAG SAMUEL L

International class (IPC 8–9): A61B17/06 A61B19/02 (Advanced/Invention); A61B19/00 (Advanced/Non–invention); A61B17/06 A61B19/00 (Core/Invention)

International class (IPC 1–7): A61L17/02

CPC: A61B50/362 A61B2090/0804 A61B17/06161

European class: A61B17/06R A61B19/02R2 K61B19/48F

US class: 206/370 206/382 206/495 206/63.3

Classification Explorer

Cited documents: US948645 A, US4008802 A, US3951263 A, US3944069 A, US3819039 A,

0) FR1451559A – EMBALLAGE PERFECTIONNE IMPROVED PACKAGE (MAC...

135) Family number: 21643456 (FR1451559A) © PatBase

Title: EMBALLAGE PERFECTIONNE IMPROVED PACKAGE (Machine translation)

Priority: FR19650025749 19650723

Family:

Publication number	Publication date	Application number	Application date
FR1451559 A	19660107	FR19650025749	19650723

Inventor(s):(std)**:** JR HERBERT RUMSEY

International class (IPC 8–9)**:** B65D71/00 B65D71/10 (Advanced/Invention); B65D71/00 B65D71/06 (Core/Invention)

International class (IPC 1–7)**:** B65D81/34

CPC: B65D71/10 B65D2571/00024

European class: B65D71/00C5D B65D71/00CA5D B65D71/06F2 B65D71/10 L65D571/00P3B2

Classification Explorer

0) US4928298A – INFORMATION–BEARING SHEET FOR X–RAY FILM

136) Family number: 30854118 (US4928298A) © PatBase

Title: Information–bearing sheet for X–ray film

Priority: JP19840120630U 19840807

Family:

Publication number	Publication date	Application number	Application date
JP1981246 Y	19940323	JP19840120630U	19840807
JP4042841 Y2	19921009	JP19840120630U	19840807
JP61036844 U1	19860307	JP19840120630U	19840807
US4928298 A	19900522	US19850760554	19850730

Probable Assignee: NIX CO LTD

Assignee(s):(std)**:** NIX CO LTD

Assignee(s): NIX COMPANY LTD ; NIX CO

Inventor(s):(std)**:** TANAKA HIROYUKI

International class (IPC 8–9)**:** A61B6/00 A61B6/14 B65C5/02 G01N23/04 G03B17/24 G03B42/02 (Advanced/Invention)

International class (IPC 1–7)**:** A61B6/00 A61B6/14 A61M1/00 B65C5/02 F04B43/06 G01N23/04 G03B17/24 G03B42/02 H05G1/28

CPC: G03B42/047

European class: G03B42/04M

US class: 378/162 378/165

Classification Explorer

Cited documents: US3917952 A, US2426286 A, JP45002741 Y1, GB447301 A,

0) WO11141041A1 – DEVICE FOR PERFORATING AND/OR FLUTING AND/OR PU...

137) Family number: 49947314 (WO11141041A1) © PatBase

Title: DEVICE FOR PERFORATING AND/OR FLUTING AND/OR PUNCHING FOR ROTARY PRINTING PRESSES

Priority: WO2010EP02980 20100514

Family:

Publication number	Publication date	Application number	Application date
WO11141041 A1	20111117	WO2010EP02980	20100514

Probable Assignee: CITO SYSTEM GMBH

Assignee(s):(std)**:** CITO SYSTEM GMBH ; CROCI ROBERTO ; MARIEN JUERGEN ; KELLERMANN OLIVER

Inventor(s):(std)**:** CROCI ROBERTO ; KELLERMANN OLIVER ; MARIEN JUERGEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B41G7/00 (Advanced/Invention)

CPC: B41G7/006 B41F19/008 B41P2217/14

European class: B41G7/00C L41P217/140

Classification Explorer

Cited documents: US6267053 BA, EP0739731 A1, EP0670782 A1, CH699397 A2,

0) WO0112744A1 – TAPE HAVING FINGER–TEARING FEATURE RUBAN A STR...

138) Family number: 15296048 (WO0112744A1) © PatBase

Title: TAPE HAVING FINGER–TEARING FEATURE

Priority: US19990373314 19990812

Family:

Publication number	Publication date	Application number	Application date
WO0112744 A1	20010222	WO2000US22120	20000814

Probable Assignee: SEKISUI TA IND INC

Assignee(s):(std)**:** SEKISUI TA IND INC

Assignee(s): SEKISUI TA INDUSTRIES INC

Inventor(s):(std)**:** HSU TONG CHEE ; TANG TRONG HAI

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE

International class (IPC 8–9): C09J7/02 (Advanced/Invention)

International class (IPC 1–7): C09J7/02

CPC: C09J7/026 C09J2201/20

European class: C09J7/02K9 M09J201/20

Classification Explorer

Cited documents: US5366775 A, US3143208 A, US2399545 A, US2308693 A,

0) EP1130563A2 – COVER OR SEAL LABEL ABDECK– ODER SIEGELETIKETT ...

139) Family number: 17093393 (EP1130563A2) © PatBase

Title: Cover or seal label

Priority: DE20002004025U 20000303

Family:

Publication number	Publication date	Application number	Application date
DE20004025 U1	20000427	DE20002004025U	20000303
EP1130563 A2	20010905	EP20010105001	20010301
EP1130563 A3	20040107	EP20010105001	20010301

Probable Assignee: SCHREINER ETIKETTEN

Assignee(s):(std)**:** SCHREINER ETIKETTEN ; SCHREINER GMBH AND CO KG

Assignee(s): SCHREINER ETIKETTEN UND SELBSTKLEBETECHNIK GMBH AN ; SCHREINER ETIKETTEN UND SELBSTKLEBETECHNIK GMBH AND CO

Inventor(s):(std)**:** GROETZNER ROLAND

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): G09F3/02 (Advanced/Invention); G09F3/02 (Core/Invention)

International class (IPC 1–7): G09F3/02 G09F3/03

CPC: G09F3/0292

European class: G09F3/02D2

Classification Explorer

Cited documents: WO0005080 A1, US5683774 A, EP0974951 A2, DE19832990 A1, DE19716099 A1, DE19705380 C1,

0) WO9535569A1 – ONCE–PIECE BLANK FOR A SLEEVE FOR DISKETTES OR ...

140) Family number: 28622735 (WO9535569A1) © PatBase

Title: ONCE–PIECE BLANK FOR A SLEEVE FOR DISKETTES OR THE LIKE AND BINDER FITTED THEREWITH

Priority: DE19940022401U 19940622 DE19944421767 19940622 DE19940010080U 19940622 WO1995EP02383 19950620

Family:

Publication number	Publication date	Application number	Application date
DE4421767 A1	19960104	DE19944421767	19940622
DE9410080 U1	19951026	DE19940010080U	19940622
DE9422401 U1	20010621	DE19940022401U	19940622
EP0766865 A1	19970409	EP19950924294	19950620
WO9535569 A1	19951228	WO1995EP02383	19950620

Probable Assignee: THALHOFER EGON

Assignee(s):(std)**:** THALHOFER EGON ; THALHOFER FRANK

Assignee(s): THALHOFER FRANK 71101 SCHOENAICH DE ; THALHOFER EGON 71101 SCHOENAICH DE

Inventor(s):(std)**:** THALHOFER EGON ; THALHOFER FRANK

Inventor(s): THALHOFER FRANK 71101 SCHOENAICH DE ; THALHOFER EGON 71101 SCHOENAICH DE

Designated states: AT BE CA CH DE DK ES FR GB GR IE IT JP KR LI LU MC NL PT SE US

International class (IPC 8–9): B42D1/00 B42F5/00 G11B33/04 (Advanced/Invention)

International class (IPC 1–7): B42D13/00 B42F13/00 B42F3/00 B42F5/00 B42F5/02 B65D85/57 G11B23/02 G11B33/04

CPC: B42F5/005 G11B33/0494 B42D1/007 G11B33/0433

European class: B42D1/00D6 B42F5/00B G11B33/04D2 G11B33/04D5

Classification Explorer

Cited documents: US5193681 A, US5188229 A, US5101973 A, US5085318 A, US4850731 A, GB2135274 A1, EP0479556 A1, DE3241616 A1, CH676699,

0) US4039046A – STUBLESS MULTI–PLY ASSEMBLY

141) Family number: 1975574 (US4039046A) © PatBase

Title: STUBLESS MULTI–PLY ASSEMBLY

Priority: CA19760249535 19760405 CA19770281795 19770630 US19760708176 19760723 US19750623393 19751017 US19770809056 19770622

Family:

Publication number	Publication date	Application number	Application date
AT360867 B	19810210	AT19760007690	19761015
AT769076 A	19800615	AT19760007690	19761015
AU197618696 A1	19780420	AU19760018696	19761014
AU502203 B2	19790719	AU19760018696	19761014
BE847337 A	19770131	BE19760171547	19761015
BE847337 A1	19770131	BE19760171547	19761015
CA1051481 A1	19790327	CA19760249535	19760405
CA1083096 A1	19800805	CA19770281795	19770630
CH611209 A	19790531	CH19760013001	19761014
DE2646720 A1	19770428	DE19762646720	19761015
DE2646720 C2	19831006	DE19762646720	19761015
DK143741 B	19811005	DK19760004632	19761014
DK143741 C	19820322	DK19760004632	19761014
DK463276 A	19770418	DK19760004632	19761014

ES452453 A1	19771116	ES19760452453	19761016
FI61431 B	19820430	FI19760002927	19761013
FI61431 C	19820810	FI19760002927	19761013
FI762927 A	19770418	FI19760002927	19761013
FR2327868 A1	19770513	FR19760031144	19761015
FR2327868 B1	19820806	FR19760031144	19761015
GB1531624 A	19781108	GB19760039695	19760924
GR61689 B	19781209	GR19760151961	19761018
IE43558 B	19810325	IE19760002273	19761015
IE43558 L	19770417	IE19760002273	19761015
IT1078592 A	19850508	IT19760012826	19761007
JP1065398 C3	19810930	JP19760111939	19760914
JP1097031 C3	19820514	JP19780075273	19780621
JP52056627 A2	19770510	JP19760111939	19760914
JP54018329 A2	19790210	JP19780075273	19780621
JP56009439 B4	19810302	JP19760111939	19760914
JP56040039 B4	19810917	JP19780075273	19780621
MX144076 A	19810826	MX19760166619	19761008
MX145100 A	19820105	MX19780173893	19780622
NL178234 B	19850916	NL19760011364	19761014
NL178234 C	19860217	NL19760011364	19761014
NL7611364 A	19770419	NL19760011364	19761014
NO147479 B	19830110	NO19760003521	19761015
NO147479 C	19830420	NO19760003521	19761015
NO763521 A	19770419	NO19760003521	19761015
NZ182418 A	19791211	NZ19760182418	19761026
PT65673 A	19761101	PT19760065673	19761004
PT65673 B	19780412	PT19760065673	19761004
SE423983 B	19820621	SE19760011422	19761014
SE423983 C	19820930	SE19760011422	19761014
SE7611422 A	19770418	SE19760011422	19761014
SE7611422 L	19770418	SE19760011422	19761014
US4039046 A	19770802	US19750623393	19751017
US4071142 A	19780131	US19760708176	19760723
US4138302 A	19790206	US19770809056	19770622
ZA7606177 A	19770928	ZA19760006177	19761015

Probable Assignee: MOORE BUSINESS FORMS INC

Assignee(s):(std)**:** LUHY E D ; MOORE BUSINESS FORMS INC ; MOORE BUSINESS FORMS LTD

Assignee(s): MOORE BUSINESS FORMS INC NIAGARA FALLS N Y US ; MOORE BUSINESS FORMS INC TE NIAGARA FALLS NEW YORK VER ST V AM ; MOORE BUSINESS FORMS ; D LUHY E ; D LUHY EMIL A

Inventor(s):(std)**:** D LUHY AMIL A ; D LUHY E ; D LUHY EMIL ; D LUHY EMIL A ; EMIRU EE DORIYUUHII ; LE EMIL D ; LUHY E ; LUHY E D ; LUHY EMIL D ; EMIRU EE DORAHII

Inventor(s): EMIL D LUHY ; EMIL D LE ; D LUHY EMIL YOUNGSTOWN N Y ; D LUHY EMIL YOUNGSTOWN N Y US ; E D LUHY

International class (IPC 8–9): B31B27/00 B41L1/20 B41L1/22 B41L1/24 B42B5/00 B42C1/00 B42C3/00 B42D15/00 B42D15/04 B42D5/02 B65D27/10 B65D27/34 (Advanced/Invention) ; B31B27/00 B41L1/00 B42B5/00 B42C1/00 B42C3/00 B42D15/00 B42D15/04 B42D5/00 B65D27/00 (Core/Invention)

International class (IPC 1–7): B31F1/00 B41L1/20 B41L1/22 B41L1/24 B41M B42B5/00 B42C3/00 B42D12/00 B42D15/00 B42D5/02 B42F3/00 B65D27/34

CPC:	Y10S462/90 B42D5/02 B41L1/24 Y10T156/1034 Y10T156/1046 Y10T156/1049
European class:	B41L1/24 B42D5/02
US class:	156/216 156/223 156/226 206/629 229/313 229/69 281/21.1 282/22R 462/55 462/6 462/900
Classification Explorer	
Cited documents:	US4039046 A, US3325188 A, US3305247 A, US3149859 A, US2557875 A, US2372918 A, US2330045 A, US2226765 A, US2226722 A, US2105449 A, US2105448 A, US2089328 A, US2006034 A, US2005930 A, US1980319 A, US1954423 A, US1949625 A,

0) WO14037249A1 – METHOD FOR PRODUCING A MULTIPAGE DOCUMENT WITH ...

142) Family number: 55892377 (WO14037249A1) © PatBase

Title:	METHOD FOR PRODUCING A MULTIPAGE DOCUMENT WITH A HOLOGRAM AND MULTIPAGE DOCUMENT WITH A HOLOGRAM SUCH AS A PASSPORT
Priority:	DE201210108200 20120904

Family:

Publication number	Publication date	Application number	Application date
DE102012108200 A1	20140306	DE201210108200	20120904
WO14037249 A1	20140313	WO2013EP67722	20130827

Probable Assignee:	HOLOGRAM IND RES GMBH
Assignee(s):(std)**:**	HOLOGRAM IND RES GMBH
Assignee(s):	HOLOGRAM IND RESEARCH GMBH
Inventor(s):(std)**:**	MENZ IRINA ; SOUPARIS HUGUES
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	B42D15/10 B42D25/24 B42D25/309 B42D25/328 B42D25/42 B42D25/45 (Advanced/Invention)
CPC:	G03H2210/54 B42D25/41 B42D25/24 B42D25/328 B42D25/342 G03H1/0011 G03H1/0248 B42D2035/06 B42D2035/14
Classification Explorer	
Cited documents:	WO9513568 A1, WO9312940 A1, WO04011272 A2, US8059320 BB, US6345104 BA, EP1718475 A2, EP1319220 A1, EP0219012 A2, DE19812826 C1, DE102010034793 A1

0) US3069066A – CLOSURE MEANS

143) Family number: 21954713 (US3069066A) © PatBase

Title: CLOSURE MEANS

Priority: US19600076539 19601219

Family:

Publication number	Publication date	Application number	Application date
GB945341 A	19631223	GB19610044583	19611213
US3069066 A	19621218	US19600076539	19601219

Probable Assignee: NAT BISCUIT CO

Assignee(s):(std)**:** NAT BISCUIT CO

Assignee(s): NATIONAL BISCUIT CO ; NATIONAL BISCUIT COMPANY

Inventor(s):(std)**:** PECKHAM HARRY E

International class (IPC 8–9)**:** B65D33/16 B65D77/12 (Advanced/Invention); B65D33/16 B65D77/10 (Core/Invention)

International class (IPC 1–7)**:** B65D33/16 B65D33/30 B65D5/26

CPC: Y10S383/905 B65D77/12 B65D33/1691

European class: B65D33/16H B65D77/12

US class: 383/209 383/78 383/81 383/905

Classification Explorer

Cited documents: US754201 A, US2779526 A, US2527073 A, US1827636 A, FR893339 A,

0) US6592889B – GEL DRESSING

144) Family number: 28827318 (US6592889B) © PatBase

Title: Gel dressing

Priority: US20000617888 20000717

Family:

Publication number	Publication date	Application number	Application date
US6592889 BA	20030715	US20000617888	20000717

Probable Assignee: SOUTHWEST TECHNOLOGIES INC

Assignee(s):(std)**:** SOUTHWEST TECHNOLOGIES INC

Inventor(s):(std)**:** JOHNSON ARLEN ; PHILLIPS JOHN ; SORIA ANTHONY ; STOUT EDWARD I

International class (IPC 8–9)**:** A61F13/06 A61L15/58 A61L15/60 (Advanced/Invention); A61K9/70 (Advanced/Non–invention)

International class (IPC 1–7)**:** A61F13/00 A61F15/00 A61K9/70 A61L15/00 A61L15/16

CPC: A61F13/068 A61F13/105 A61K9/703 A61K9/7084 A61L15/58 A61L15/60

European class: A61F13/06D8 A61L15/58 A61L15/60 K61F13/10H2 K61K9/70E2 K61K9/70E2D

US class: 424/443 424/445 424/447 424/448 602/41 602/48 602/57 602/61 602/62 602/79

Classification Explorer

Cited documents: US4917112 A, US4860736 A, US4671267 A, US3971374 A, US3880159 A, US3612265 A,

0) US2009289326A – SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING ...

145) Family number: 44045531 (US2009289326A) © PatBase

Title: SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME

Priority:

KR20080047082	20080521	US20080040637	20080229	US20080318504	20081230
US20110240983	20110922	US20110330254	20111219	US20110216298	20110824
US20140174182	20140206	US20120240983	20120315	US20160246576	20160825
US20120420983	20120315				

Family:

Publication number	Publication date	Application number	Application date
CN101587892 A	20091125	CN200910007226	20090213
KR100977716 B1	20100824	KR20080047082	20080521
KR20090121003 A	20091125	KR20080047082	20080521
US2009289326 AA	20091126	US20080318504	20081230
US2012007219 AA	20120112	US20110240983	20110922
US2012094462 AA	20120419	US20110330254	20111219
US2014147637 AA	20140529	US20140174182	20140206
US2016362844 AA	20161215	US20160246576	20160825
US8053326 BB	20111108	US20080318504	20081230
US9463605 BB	20161011	US20140174182	20140206

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** HYNIX SEMICONDUCTOR INC ; PARK JONG BUM ; PARK JONG KOOK ; PROCTER AND GAMBLE ; SONG HAN SANG ; SK HYNIX SEMICONDUCTOR INC

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s):(std)**:** SONG HAN SANG ; SANDS KATHLEEN DIANE ; POWERS ROBERT LENORD ; PARK JONG KOOK ; PARK JONG BUM ; MANIFOLD JOHN ALLEN ; KNOBLOCH THORSTEN ; EKENGA CHARLES CHIDOZIE ; DONNER CHRISTOPHER GERALD ; BARKEY DOUGLAS JAY

International class (IPC 8–9)**:** B32B29/02 B32B3/28 B32B3/30 B32B5/26 D21H11/04 D21H27/00 D21H27/02 D21H27/30 D21H27/40 H01L21/02 H01L21/20 H01L21/28 H01L21/768 H01L27/04 H01L27/108 H01L29/41 H01L29/92 (Advanced/Invention);
H01L27/108 (Advanced/Non–invention);
H01L21/02 H01L27/108 H01L29/66 (Core/Invention)

CPC: H01L21/7687 H01L27/10855 H01L28/90 B32B3/28 B32B5/26 D21H27/00 D21H27/002 D21H27/30 Y10T428/24124 Y10T428/24612 Y10T428/24802 Y10T428/253 D21H27/005 B32B29/02 D21H27/02 D21H27/40 D21H11/04 B32B2555/00 B32B2262/062 B32B3/30

European class: H01L21/768C3K H01L27/108M4B2C H01L28/90

US class: 1/1 257/532 257/532P 257/621 257/621P 257/E21.008 257/E21.008S 257/E21.158 257/E21.158S 257/E29.112 257/E29.112S 257/E29.343 257/E29.343S 428/167 428/172 438/381 438/381P 438/396 438/396S 438/397 438/675 438/675S

Classification Explorer

Cited documents: WO9844194 A1, WO9717494 A1, WO9633310 A1, WO07070124 A1, WO07001576 A1, WO06060814 A2, WO05080683 A2, WO05068720 A1, WO05021868 A1, WO0039394 A1, US8545976 BB, US8507083 BB, US8491995 BB, US8449976 BB, US8383235 BB, US8334050 BB, US8334049 BB, US8178196 BB, US8053326 BB, US8034463 BB, US8025966 BB, US7989058 BB, US7960020 BB, US7939168 BB, US7811665 BB, US7807022 BB, US7704601 BB, US7687140 BB, US7588660 BB, US7494563 BB, US7419569 BB, US6821385 BB, US6802937 BB, US6797114 BB, US6790314 BB, US6787000 BB, US6749719 BB, US6746570 BB, US6706152 BB, US6673202 BB, US6458447 BA, US6239022 BA, US6165319 A, US6017418 A, US5885265 A, US5804281 A, US5628876 A, US5518801 A, US4326002 A, US4072150 A, US3974025 A, US3953638 A, US3798120 A, US3737368 A, US2295260 A, US2014000826 AA, US2013292073 AA, US2013288009 AA, US2013248129 AA, US2013071624 AA, US2012216974 AA, US2012183750 AA, US2012107568 AA, US2011189451 AA, US2011027563 AA, US2010294446 AA, US2010136294 AA, US2009220769 AA, US2009220741 AA, US2008260996 AA, US2008087395 AA, US2008041543 AA, US2008029235 AA, US2008012058 AA, US2008008865 AA, US2007232178 AA, US2007224419 AA, US2007181929 AA, US2007170486 AA, US2007015362 AA, US2007007656 AA, US2006088697 AA, US2005178513 AA, US2005067126 AA,

US2005045293 AA, US2005020066 AA, US2004261639 AA, US2004258887 AA, US2004256066 AA, US2004250969 AA, US2004238135 AA, US2004231812 AA, US2004221975 AA, US2004112783 AA, US2004099387 AA, US2004023003 AA, US2003220039 AA, US2003138597 AA, US2002140018 AA, KR20070023934 A, KR20060031991 A, KR1020070023934, KR1020060031991, KR100714899 B1, KR100418580 B1, GB2319539 A1, EP1876291 A2, EP1505207 A2, EP0677612 A2,

0) DE4010822A1 – BAG OR SACK MADE OF PAPER – HAS TEAR=OFF STRIP ...

146) Family number: 8156101 (DE4010822A1) © PatBase

Title: Bag or sack made of paper – has tear=off strip in floor for easy opening

Priority: DE19904010822 19900404

Family:

Publication number	Publication date	Application number	Application date
DE4010822 A1	19911010	DE19904010822	19900404

Probable Assignee: WILHELMSTAL WERKE GMBH

Assignee(s):(std)**:** WILHELMSTAL WERKE GMBH

Assignee(s): WILHELMSTAL WERKE GMBH 7590 ACHERN DE

Inventor(s):(std)**:** SANDER ROLF

Inventor(s): SANDER ROLF 5608 RADEVORMWALD DE

International class (IPC 8–9): B65D30/24 B65D33/36 B65D77/32 (Advanced/Invention); B65D30/24 B65D33/36 B65D77/22 (Core/Invention)

International class (IPC 1–7): B65D30/12 B65D33/36

CPC: B65D31/142 B65D77/32

European class: B65D31/14A B65D77/32

Classification Explorer

Cited documents: US333523 A, DE1761750 A1, DE1229828 A, DE1105339 B,

0) US3031359A – PRESSURE–SENSITIVE ADHESIVE TAPE HANDLE CONSTRU...

147) Family number: 22528008 (US3031359A) © PatBase

Title: PRESSURE–SENSITIVE ADHESIVE TAPE HANDLE CONSTRUCTION

Priority: US19570638043 19570204

Family:

Publication number	Publication date	Application number	Application date
US3031359 A	19620424	US19570638043	19570204

Probable Assignee: CAPELLA PRIMO J

Assignee(s):(std)**:** CAPELLA PRIMO J ; LAWRENCE BLANK

Inventor(s):(std)**:** CAPELLA PRIMO J ; LAWRENCE BLANK

Inventor(s): BLANK LAWRENCE

International class (IPC 8–9): B65D5/465 B65D63/10 B65D75/56 C09J7/02 (Advanced/Invention); B65D5/46 B65D63/10 B65D75/52 C09J7/02 (Core/Invention)

A45C13/26 B65D5/46

International class (IPC 1–7):

CPC: Y10S24/11 Y10S206/813 Y10S206/82 Y10S273/07 B65D75/56 B65D63/1009 C09J7/02 Y10T24/20 Y10T24/207 Y10T428/15

European class: B65D63/10A B65D75/56 C09J7/02

US class: 206/813 206/820 229/117.26 24/67AR 24/67R 24/DIG.11 273/DIG.7 294/137 294/149 294/27.1 428/43 428/77

Classification Explorer

Cited documents: US2750316 A, US2750315 A, US2750314 A, US2532011 A, US2507659 A, US2292024 A, US2021787 A, US1909368 A, US1524399 A, US1160878 A,

0) JP60207668A – MEDICAL MACHINERY DRIVE APPARATUS

148) Family number: 31431541 (JP60207668A) © PatBase

Title: MEDICAL MACHINERY DRIVE APPARATUS

Priority: CA19850487880 19850731 JP19840063019 19840329 JP19840120630 19840807

Family:

Publication number	Publication date	Application number	Application date
CA1249745 A1	19890207	CA19850487880	19850731
JP1001147 B4	19890110	JP19840063019	19840329
JP1519269 C3	19890929	JP19840063019	19840329
JP60207668 A2	19851019	JP19840063019	19840329
JP64001147 B4	19890110	JP19840063019	19840329

Probable Assignee: NIX CO LTD

Assignee(s):(std): AISIN SEIKI ; NIX CO LTD ; SHINSANGYO KAIHATSU KK

Assignee(s): TANAKA HIROYUKI ; AISHIN SEIKI KK ; NIX COMPANY LTD ; SHINSANGIYOU KAIHATSU KK

Inventor(s):(std): KAGEYAMA TOSHINOBU ; MUSHISHIKA SADAHIKO ; TANAKA HIROYUKI

International class (IPC 8–9): A61M1/00 A61M1/10 F04B43/06 G03C11/02 (Advanced/Invention); A61M1/00 A61M1/10 F04B43/06 G03C11/00 (Core/Invention)

International class (IPC 1–7): A61M1/10 G03C11/02

Classification Explorer

Cited documents: JP60106462 A2, JP58169463 A2, JP58099967 A2,

0) WO06040230A1 – PACKAGE AND METHOD FOR PRODUCING AND FILLING TH...

149) Family number: 32809665 (WO06040230A1) © PatBase

Title: PACKAGE AND METHOD FOR PRODUCING AND FILLING THIS PACKAGE

Priority: EP20040024160 20041011

Family:

Publication number	Publication date	Application number	Application date
EP1645522 A1	20060412	EP20040024160	20041011
WO06040230 A1	20060420	WO2005EP54529	20050912

Probable Assignee: DIVIDELLA AG

Assignee(s):(std)**:** DIVIDELLA AG ; SPECKER ERICH

Inventor(s):(std)**:** SPECKER ERICH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65D5/20 B65D75/36 B65D83/04 (Advanced/Invention); B65D5/20 B65D75/28 B65D83/04 (Core/Invention)

CPC: B65D75/36 B65D83/0445

European class: B65D75/36 B65D83/04C

Classification Explorer

Cited documents: WO02100736 A1, EP1323635 A1, DE8811950 U, DE8811950,

0) GB949990A – IMPROVEMENTS IN OR RELATING TO PACKETS INTENDED...

150) Family number: 21365635 (GB949990A) © PatBase

Title: Improvements in or relating to packets intended to contain a plurality of articles

Priority: CH19600007388 19600728 FR19610866173 19610627

Family:

Publication number	Publication date	Application number	Application date
CH363294 A	19620715	CH19600007388	19600728
FR1292897 A	19620504	FR19610866173	19610627
GB949990 A	19640219	GB19610023417	19610628
NL266437 A	00000000		00000000

Probable Assignee: ALAJEX ETS

Assignee(s):(std)**:** ALAJEX ETS

Assignee(s): ETABLISSEMENT ALAJEX ; ETABLISSEMENTS ALAJEX

Inventor(s):(std)**:** ALBERT ADAMS

Inventor(s): ADAMS ALBERT

International class (IPC 8–9): A24F15/20 B65D25/00 B65D83/02 B65D85/10 (Advanced/Invention); A24F15/00 B65D25/00 B65D83/02 B65D85/08 (Core/Invention)

International class (IPC 1–7): B65D85/10

CPC: A24F15/20 B65D25/00 B65D83/02 B65D85/1009

European class: A24F15/20 B65D25/00 B65D83/02 B65D85/10E

Classification Explorer

0) US2661835A – PACKAGE CUSHIONING AND SEALING MEANS

151) Family number: 21793270 (US2661835A)

© PatBase

Title: PACKAGE CUSHIONING AND SEALING MEANS

Priority: US19480057173 19481029

Family:

Publication number	Publication date	Application number	Application date
US2661835 A	19531208	US19480057173	19481029

Probable Assignee: PAPER PATENTS CO

Assignee(s):(std)**:** PAPER PATENTS CO

Assignee(s): PAPER PATENTS COMPANY

Inventor(s):(std)**:** GRISHABER RALPH V

International class (IPC 8–9)**:** B65D85/57 (Advanced/Invention); B65D85/57 (Core/Invention)

International class (IPC 1–7)**:** B68G7/052

CPC: B65D85/544

European class: B65D85/54C

US class: 206/424 206/472 281/18

Classification Explorer

Cited documents: US899035 A, US771267 A, US2339326 A, US2064122 A, US1991640 A, US1601547 A, US1585846 A, GB413779 A, GB396418 A, GB191309788 A, CH135518 A,

0) EP2923961B1 – SCHACHTEL MIT INTEGRIERTEN EINSAETZEN BOX WITH...

152) Family number: 60450245 (EP2923961B1)

© PatBase

Title: SCHACHTEL MIT INTEGRIERTEN EINSAETZEN BOX WITH INTEGRATED INSERTS

Priority: EP20140001078 20140324

Family:

Publication number	Publication date	Application number	Application date
DE602014002275 D1	20160728	DE201460002275T	20140324
EP2923961 A1	20150930	EP20140001078	20140324
EP2923961 B1	20160615	EP20140001078	20140324
ES2589763 T3	20161116	ES20140001078T	20140324
HU029591 T2	20170328	HU20140001078T	20140324

Probable Assignee: SAICA PACK SL

Assignee(s):(std)**:** SAICA PACK S L ; SAICA PACK SL

Inventor(s):(std)**:** FREDON MICKAEL ; FREDON MICKAIL

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9)**:** B65D5/20 B65D5/22 B65D5/50 (Advanced/Invention)

CPC: B65D5/2047 B65D5/2057 B65D5/22 B65D5/5021

Classification Explorer

Cited documents: GB1376597 A, FR2898874 A1, FR2816283 A1, FR2698616 A1, FR2596972 A1, FR2263159 A1,

0) US4524767A – SURGICAL DRAPES

153) Family number: 4790256 (US4524767A) © PatBase

Title: SURGICAL DRAPES

Priority: US19820395803 19820706 US19850698162 19850225

Family:

Publication number	Publication date	Application number	Application date
US4524767 A	19850625	US19820395803	19820706
US4711236 A	19871208	US19850698162	19850225

Probable Assignee: GLASSMAN JACOB A

Assignee(s):(std)**:** GLASSMAN JACOB A

Inventor(s):(std)**:** GLASSMAN JACOB A

International class (IPC 8–9)**:** A61B19/08 (Advanced/Invention); A61B19/00 (Core/Invention)

International class (IPC 1–7)**:** A61F13/00

CPC: A61B46/00 A61B2046/205

European class: A61B19/08 K61B19/08C1

US class: 128/132D 128/854

Classification Explorer

Cited documents: US4485809 A, US4413621 A, US4323062 A, US4253451 A, US4196723 A, US4027665 A, US3930497 A, US3882859 A, US3826253 A, US3721234 A, US3060932 A,

0) EP2363300A1 – PROTECTOR FOR PALETTE KNIVES SCHUTZ FUER PALET...

154) Family number: 49548522 (EP2363300A1) © PatBase

Title: Protector for palette knives

Priority: EP20100382049 20100302

Family:

Publication number	Publication date	Application number	Application date
EP2363300 A1	20110907	EP20100382049	20100302

Probable Assignee: IBERDYC S L

Assignee(s):(std)**:** IBERDYC S L

Inventor(s):(std)**:** NOVELLA ROSA ANGEL ; SALINAS CHIA SERGIO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9)**:** B44D3/00 E04F21/06 (Advanced/Invention)

CPC: B26B29/02 B44D3/00

European class: B26B29/02 B44D3/00

Classification Explorer

Cited documents: WO9840132 A1, GB2453574 A1, DE4432355 A1, DE29909910 U1,

0) US2369716A – BAG CLOSURE

155) Family number: 21606098 (US2369716A) © PatBase

Title: BAG CLOSURE

Priority: US19420426863 19420115

Family:

Publication number	Publication date	Application number	Application date
US2369716 A	19450220	US19420426863	19420115

Probable Assignee: DU PONT

Assignee(s):(std)**:** DU PONT

Assignee(s): E I DU PONT DE NEMOURS AND CO ; E I DU PONT DE NEMOURS AND COMPANY

Inventor(s):(std)**:** COGHILL PHILIP S

International class (IPC 8–9)**:** B65D33/36 B65D77/12 (Advanced/Invention); B65D33/36 B65D77/10 (Core/Invention)

International class (IPC 1–7)**:** B65D31/00 B65D33/00 B65D33/24 B65D33/36 B65D5/70

CPC: B65D77/12 Y10S383/906 Y10S493/929

European class: B65D77/12

US class: 383/204 383/209 383/906 383/91 383/95 493/189 493/213 493/260 493/929 53/412

Classification Explorer

0) DE202016001805U1 – PRUEFGERAET TESTER (MACHINE TRANSLATION)

156) Family number: 62460113 (DE202016001805U1) © PatBase

Title: PRUEFGERAET Tester (Machine translation)

Priority: DE201620001805U 20160318

Family:

Publication number	Publication date	Application number	Application date
DE202016001805 U1	20160525	DE201620001805U	20160318

Probable Assignee: MOHN MEDIA MOHNDRUCK GMBH

Assignee(s):(std)**:** MOHN MEDIA MOHNDRUCK GMBH

International class (IPC 8–9)**:** G01N19/04 G01N3/08 (Advanced/Invention)

CPC: G01N3/08 G01N19/04 G01N2203/0032 G01N33/346

Classification Explorer

Cited documents: DE69122972 T2, DE60020811 T2, DE3872479 T2,

DE102006011489 B3

DD293197 A5, CH512065 A,

0) DE8128852U1 – "SCHECKTASCHE" "BAG CHECK" (MACHINE TRANSLATI...

157) Family number: 16602698 (DE8128852U1) © PatBase

Title: "SCHECKTASCHE" "BAG CHECK" (Machine translation)

Priority: DE19810028852U 19811002

Family:

Publication number	Publication date	Application number	Application date
DE8128852 U1	19820722	DE19810028852U	19811002

Probable Assignee: AALVA VERPACKUNGSMASCHINEN GMBH 2804 LILIENTHAL DE

Assignee(s): AALVA VERPACKUNGSMASCHINEN GMBH 2804 LILIENTHAL DE

International class (IPC 8–9): A45C1/00 (Advanced/Invention); A45C1/00 (Core/Invention)

International class (IPC 1–7): A45C1/00

Classification Explorer

0) GB2530339A – TILTING PACKAGING

158) Family number: 57881578 (GB2530339A) © PatBase

Title: TILTING PACKAGING

Priority: GB20140016701 20140922

Family:

Publication number	Publication date	Application number	Application date
GB201416701 A0	20141105	GB20140016701	20140922
GB2530339 A1	20160323	GB20140016701	20140922

Probable Assignee: DS SMITH PACKAGING LTD

Assignee(s):(std): DS SMITH PACKAGING LTD

Inventor(s):(std): DAY JAMES ; ELLIOTT JESS ; WOOLASS ROBERT

Inventor(s): JAMES DAY ; JESS ELLIOTT ; ROBERT WOOLASS

International class (IPC 8–9): B65D5/50 B65D5/52 B65D5/72 (Advanced/Invention)

CPC: B65D5/5213 B65D5/5445 B65D5/5273 B65D5/5002 B65D5/526 B65D5/5266 B65D5/724

Classification Explorer

Cited documents: US3138246 A, JP2011116387 A2, JP2001114258 A2, GB916661 A, GB2483797 A1, DE20202420 U1,

0) US4637634A – TWO–PART BANK DRAFT

159) Family number: 5195370 (US4637634A) © PatBase

Title: TWO–PART BANK DRAFT

Priority: US19850758477 19850724

Family:

Publication number	Publication date	Application number	Application date
US4637634 A	19870120	US19850758477	19850724

Probable Assignee: MULLENIX KENNETH E

Assignee(s):(std)**:** MULLENIX KENNETH E ; TROY SEYMOUR L

Inventor(s):(std)**:** MULLENIX KENNETH E ; TROY SEYMOUR L

International class (IPC 8–9): B42D15/00 (Advanced/Invention); B42D15/00 (Core/Invention)

International class (IPC 1–7): B42D15/00 G06G7/14

CPC: G06Q30/0215 B42D25/29 G06Q30/0225 G06Q30/0251

European class: B42D15/00C G06Q30/0215 G06Q30/0225 G06Q30/0251

US class: 283/58 283/98 364/408 705/14 705/14.17 705/14.26 705/14.49 902/36

Classification Explorer

Cited documents: US876794 A, US675766 A, US654387 A, US4398708 A, US4321672 A, US4260656 A, US4151667 A, US3802724 A, US3511181 A, US3290061 A,

- **search:** SS3 FT=((paper or sheet or material or web) and perforat+ and line+ and (wound W3 (core or itself)) and absorbent) and PD<20140410 (Results 0)
- **search:** SS4 FT=((paper or sheet or material or web) and perforat+ and line+ and absorbent) and PD<20140410 (Results 23)
- List: SS4 1–50 (FT=((paper or sheet or material or web) and perforat+ and line+ and absorbent) and PD<20140410) (Results 23)

0) US4695236A – APPARATUS FOR CONTINUOUS EXTRUSION OF A MULTILA...

1) Family number: 30149023 (US4695236A)

© PatBase

Title: APPARATUS FOR CONTINUOUS EXTRUSION OF A MULTILAYER SYNTHETIC RESIN WEB

Priority:

CA19850474428	19850215	CA19850531606	19850215	CA19870531606	19870310
EP19850300837	19850208	DE19843405257	19840215	DE19843405257	19840215
GB19850003016	19850206	GB19850003076	19850207	US19870056831	19870601
US19840580911	19840216				

Family:

Publication number	Publication date	Application number	Application date
AT42708 E	19890515	AT19850300837T	19850208
AU198538716 A1	19850822	AU19850038716	19850214
AU581643 B2	19890302	AU19850038716	19850214
BRPI8500745 A	19851008	BR1985PI00745	19850215
CA1239517 A1	19880726	CA19850474428	19850215
CA1242062 A1	19880920	CA19850531606	19850215
CA1242062 A2	19880920	CA19870531606	19870310
DE3405257 A1	19850822	DE19843405257	19840215
DE3405257 C2	19860522	DE19843405257	19840215
DE3569903 D1	19890608	DE19853569903	19850208
EP0156471 A2	19851002	EP19850300837	19850208

EP0156471 A3	19851106	EP19850300837	19850208
EP0156471 B1	19890503	EP19850300837	19850208
ES540440 A0	19860716	ES19850540440	19850215
ES540440 A2	19860816	ES19850540440	19850215
ES550522 A0	19861016	ES19850550522	19851230
ES550522 A2	19861117	ES19850550522	19851230
ES8609004 A1	19861216	ES19850540440	19850215
ES8700595 A1	19870116	ES19850550522	19851230
FI84036 B	19910628	FI19850000647	19850215
FI84036 C	19911010	FI19850000647	19850215
FI850647 A	19850817	FI19850000647	19850215
FI850647 A0	19850215	FI19850000647	19850215
FI850647 L	19850817	FI19850000647	19850215
FR2559420 A1	19850816	FR19850001781	19850208
FR2559420 B1	19880429	FR19850001781	19850208
GB2154172 A1	19850904	GB19850003016	19850206
GB2154172 B2	19870408	GB19850003016	19850206
GB2154173 A1	19850904	GB19850003076	19850207
GB2154173 B2	19880203	GB19850003076	19850207
GB2184389 A1	19870624	GB19870002276	19870202
GB2184389 B2	19880203	GB19870002276	19870202
GB2184390 A1	19870624	GB19870002277	19870202
GB2184390 B2	19880203	GB19870002277	19870202
GB2184391 A1	19870624	GB19870002278	19870202
GB2184391 B2	19880203	GB19870002278	19870202
GB8503016 A0	19850306	GB19850003016	19850206
GB8503076 A0	19850313	GB19850003076	19850207
GB8630873 A0	19870204	GB19860030873	19861224
GB8630874 A0	19870204	GB19860030874	19861224
GB8630875 A0	19870204	GB19860030875	19861224
GB8702276 A0	19870311	GB19870002276	19870202
GB8702277 A0	19870311	GB19870002277	19870202
GB8702278 A0	19870311	GB19870002278	19870202
GR850301 B	19850322	GR19850100301	19850204
HK58490 A	19900810	HK19900000584	19900802
HK59290 A	19900810	HK19900000592	19900802
HK59390 A	19900810	HK19900000593	19900802
HK59490 A	19900810	HK19900000594	19900802
IE56103 B	19910410	IE19850000380	19850215
IE850380 L	19850816	IE19850000380	19850215
IT1208503 A	19890710	IT19850019472	19850212
IT8519472 A0	19850212	IT19850019472	19850212
JP1627366 C3	19911128	JP19850024598	19850213
JP2049899 B4	19901031	JP19850024598	19850213
JP2076354 C3	19960725	JP19850029210	19850216
JP60187525 A2	19850925	JP19850024598	19850213
JP60242042 A2	19851202	JP19850029210	19850216
JP6079828 B4	19941012	JP19850029210	19850216
KR920009924 B1	19921106	KR19850000933	19850215
MX167312 B	19930315	MX19850204353	19850215

PH21997 A	19880502	PH19850031794	19850130
PH26248 A	19920401	PH19870036108	19871023
SG9090430 A	19900817	SG19900090430	19900620
SG9090435 A	19900817	SG19900090435	19900620
SG9090436 A	19900817	SG19900090436	19900620
SG9090437 A	19900817	SG19900090437	19900620
US4695236 A	19870922	US19850701579	19850214
US4695422 A	19870922	US19840580911	19840216
US4839216 A	19890613	US19870056831	19870601

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** GEORGE MERRILL VERNON ; JOHN JOSEPH CURRO ; PROCTER AND GAMBLE ; RAIFUENHOIZERU MASHIINENFUA KG ; RAIFUENHOIZERU KG MASHIINENFUABURIIKU ; RAIFUENHOIZERU KG MASHIINENFUA ; REIFENHAUSER GMBH AND CO MASCHINENFABRIK ; REIFENHAUSER GMBH CO MASCHINENFA ; THE PROCTER AND GAMBLE COMPANY ; ALAN JAMES TRUSTY ; PROCTER AND GAMBLE CO THE ; PROCTER AND GAMBLE COMP ; REIFENHAEUSER MASCH ; REIFENHAUSER GMBH AND CO

Assignee(s): REIFENHAUSER GMBH ; PROCTER AND GAMBLE CO ; CURRO JOHN J ; THE PROCTER AND GAMBLE CO ; REIFENHAUSER GMBH AND CO MASCHINEFABRIK A CORP OF ; REIFENHAEUSER GMBH AND CO MASCHINENFABRIK 5210 TROISDORF DE ; TRUSTY ALAN J ; VERNON GEORGE M ; REIFENHAUSER GMBH AND CO MASCHF ; REIFENHAUSER GMBH AND CO MASCHINEFABRIK A CORP OF WEST GERMANY ; PROCTER AND GAMBLE CO A CORP OF OH ; PROCTER AND GAMBLE COMPANY THE ; RAIFUENHOIZERU GMBH UNTO CO MASCHF ; RAIFUENHOIZERU MASHIINENFUABURIIKU KG ; REIFENHAEUSER GMBH AND CO MASCHF ; REIFENHAEUSER GMBH AND CO MASCHF 5210 TROISDORF DE ; REIFENHAEUSER GMBH AND CO MASCHINENFABRIK 5210 TRO ; PROCTOR AND GAMBLE CO ; REIFENHAEUSER GMBH AND CO MASCHINENFABRIK ; RAIFUENHOIZERU GMBH UNTO CO MAS FAB

Inventor(s):(std)**:** ALAN JAMES TRUSTY ; ARAN JIEEMUZU TORASUTEII ; BEISEMANN HEINZ ; BUIRUHERUMU PUREDEERU ; CURRO JOHN J ; CURRO JOHN JOSEPH ; GEORGE MERRIL VERNON ; GEORGE MERRILL VERNON ; HAINTSU BAIZEMAN ; HEINZ BEISEMANN ; JAMES TRUSTY ALAN ; JIYON JIYOSEFU KAARO ; JIYOOJI MERIRU BAANON ; JOHN JOSEPH CURRO ; JOSEPH CURRO JOHN ; MERRILL VERNON GEORGE ; PAUL REITEMEYER ; PAURU RAITEMAIAA ; PREDOEHL WILHELM ; PREDOEHL WILHELM PROF DR ; PREDOHL WILHELM ; REITEMEYER PAUL ; ROBAATO JIYON MENCHIETSUTEI ; TRUSTY ALAN J ; TRUSTY ALAN JAMES ; UIRUHERUMU PUREDEERU ; VERNON GEORGE M ; VERNON GEORGE MERRILL ; VERNON GEORGY M ; WILHELM PREDOHL ; WILHELM PREDOHL HEINZ BEISEMANN ET PAUL REITEMEYER ; VERNON GEORGE MERRIL

Inventor(s): PREDOEHL WILHELM PROFDR ; REITEMEYER PAUL 5210 TROISDORF DE ; JOOJI MERIRU BAANON ; JON JOSEFU KAARO ; BEISEMANN HEINZ 5000 KOELN DE ; ARAN JEEMUZU TORASUTEII

Designated states: AT BE CH DE FR IT LI LU NL SE

International class (IPC 8–9): A61F13/15 B26F1/26 B29C47/02 B29C47/04 B29C47/06 B29C47/14 B29C47/16 B29C47/58 B29C47/70 B29C51/06 B29C51/26 B29C59/00 B29C59/02 B29C59/04 B29C59/06 B29C67/00 B29C67/20 B29D28/00 B29D7/00 B29D7/01 D04H1/46 D04H13/02 (Advanced/Invention);
B29C59/04 B29D7/00 B29L7/00 B29L9/00 (Advanced/Non–invention);
A61F13/15 B26F1/00 B29C47/02 B29C47/04 B29C47/06 B29C47/14 B29C47/16 B29C47/58 B29C51/00 B29C51/26 B29C59/00 B29C59/02 B29C59/04 B29C67/00 B29C67/20 B29D28/00 B29D7/00 D04H1/46 D04H13/00 (Core/Invention);
B29C59/04 (Core/Non–invention)

International class (IPC 1–7): B26F1/26 B29C39/14 B29C43/22 B29C47/02 B29C47/04 B29C47/06 B29C47/14 B29C47/16 B29C47/56 B29C47/70 B29C47/88 B29C47/92 B29C51/06 B29C59/00 B29C59/06 B29C67/00 B29C67/20 B29C69/02 B29D28/00 B29D7/00 B29D7/01 B29D9/00 B29L7/00 B29L9/00 D04H13/02 E04B1/04

CPC: Y10S264/62 Y10S264/70 Y10S425/037 Y10S425/119 Y10S428/913 A61F13/47 A61F13/15731 A61F2013/15821 A61F2013/15829 B26F1/26 B29C51/263 B29C59/02 B29C59/04 B29C67/00 B29C2059/023 B29K2023/00 B29K2995/0074 B29L2007/008 B29L2031/4878 G05B2219/49015 B29C47/56 B29C47/0019 B29C47/0021 B29C47/065 B29C47/0816 B29C47/145 B29C47/16 Y10T428/24149 Y10T428/24273 Y10T428/24298

Y10T428/24331 Y10T428/31938 A61F13/51104 A61F13/512 A61F13/51121 A61F13/513

European class: A61F13/15M6C A61F13/47 B26F1/26 B29C47/00J4 B29C47/00J5 B29C47/06P B29C47/08I6 B29C47/14B B29C47/16 B29C47/56 B29C51/26D B29C59/02 B29C67/00 D04H1/46B K61F13/15A3A K61F13/15M11 K61F13/15M11A K61F13/511 K61F13/513G5 L29C47/00J4 L29C47/00J5 L29C59/02C1 L29C59/04 L29K23/00 L29K995/00F19C L29L31/48E2 L29L7/00G S05B219/49015

US class: 264/154 264/171 264/173.12 264/280 264/299 264/331.11 264/504 264/570 264/DIG.62 264/DIG.7 264/DIG.70 425/131.1 425/133.5 425/290 425/326.1 425/376A 425/382.4 425/385 425/387.1 425/466 425/DIG.119 425/DIG.37 428/116 428/131 428/134 428/138 428/523 428/913 604/358

Classification Explorer

Cited documents: US810120 A, US4747991 A, US4637819 A, US4629643 A, US4609518 A, US4591523 A, US4578069 A, US4572360 A, US4552709 A, US4518643 A, US4509908 A, US4508256 A, US4477502 A, US4472129 A, US4463045 A, US4411614 A, US4397644 A, US4395215 A, US4379806 A, US4364723 A, US4351784 A, US4343848 A, US4342314 A, US4341217 A, US4341216 A, US4327730 A, US4323069 A, US4321924 A, US4319868 A, US4317792 A, US4303609 A, US4280978 A, US4262049 A, US4259286 A, US4248822 A, US4226828 A, US4200103 A, US4197069 A, US4157237 A, US4155693 A, US4151240 A, US4041951 A, US3994299 A, US3989867 A, US3987792 A, US3979494 A, US3966383 A, US3965906 A, US3957414 A, US3947174 A, US3929135 A, US3911187 A, US3886941 A, US3881489 A, US3862282 A, US3814101 A, US3802972 A, US3759653 A, US3709647 A, US3685930 A, US3605191 A, US3560601 A, US3559648 A, US3464087 A, US3426754 A, US3371667 A, US3294387 A, US3292619 A, US3218971 A, US3156242 A, US3084389 A, US3054148 A, US3038198 A, US2905969 A, US2862251 A, US2809392 A, US2776452 A, US2776451 A, US23910 A, US2273542 A, US2123552 A, JPS60853 A2, JPS4841020 A2, JP60000853 A2, JP48041020 A2, JP46036560 A2, GB845826 A, GB2103933 A1, GB2021479 A1, GB1160625 A, GB1101899 A, FR2544249 A1, FR2343581 A1, FR2132142 A1, FR2106403 A1, FR2087706 A5, EP0104906 A1, EP0101082 A1, EP0059506 A2, EP0057484 A2, EP0018020 A1, DE506599 A, DE1504619 A1, DE1504190 A1, DE1177324 B,

0) US5048718A – DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACT...

2) Family number: 30871214 (US5048718A) © PatBase

Title: DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACTURING THE SAME AND AN APPARATUS THEREFOR

Priority:

JP19880283500	19881109	JP19890038549	19890217	JP19890288139	19891106
SG19950090532	19950322	US19910705519	19910524	US19890433514	19891108

Family:

Publication number	Publication date	Application number	Application date
AT117265 E	19950215	AT19890120592T	19891107
AU198944555 A1	19900531	AU19890044555	19891109
AU609648 B2	19910502	AU19890044555	19891109
CA2002538 AA	19900509	CA19892002538	19891108
CA2002538 C	19941101	CA19892002538	19891108
DE68920701 D1	19950302	DE19896020701	19891107
DE68920701 T2	19950608	DE19896020701T	19891107
EP0368240 A1	19900516	EP19890120592	19891107
EP0368240 B1	19950118	EP19890120592	19891107
ES2066825 T3	19950316	ES19890120592T	19891107
HK80295 A	19950601	HK19950000802	19950525
JP2103776 C3	19961022	JP19890288139	19891106
JP3000664 A2	19910107	JP19890288139	19891106
JP8009395 B4	19960131	JP19890288139	19891106

KR930008918 B1	19930917	KR19890016211	19891109
SG28367 G	19950901	SG19950905329	19891107
SG9590532 A2	19950901	SG19950090532	19950322
US5048718 A	19910917	US19890433514	19891108
US5161350 A	19921110	US19910705519	19910524

Probable Assignee: KENNAK U S A INC

Assignee(s):(std)**:** KENNAK U S A INC ; NAKAMURA KENJI

Assignee(s): NAKAMURA KENJI OSAKA JP ; KENNAK USA INC ; KENJI NAKAMURA

Inventor(s):(std)**:** NAKAMURA KENJI ; KENJI NAKAMURA

Inventor(s): NAKAMURA KENJI OSAKA JP

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): B65B9/06 B65B9/067 B65B9/073 B65D75/46 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 (Advanced/Invention); B65B9/06 B65D75/00 B65D75/52 B65D81/32 (Core/Invention)

International class (IPC 1–7): A47K10/32 B65B11/00 B65B25/14 B65B41/00 B65B43/00 B65B61/18 B65B9/02 B65B9/06 B65B9/10 B65D25/12 B65D30/22 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 B65H1/00

CPC: B65B9/073 B65D75/46 B65D75/5838 B65D81/3261 B65B9/067 B65B25/145 B65B61/02 B65B61/184

European class: B65B25/14C B65B61/02 B65B61/18C B65B9/067 B65B9/073 B65D75/46 B65D75/58E1A B65D81/32H

US class: 206/233 221/35 221/63 53/133.4 53/133.8 53/171 53/412 53/449 53/450 53/462 53/474 53/550 53/553

Classification Explorer

Cited documents: US4995217 A, US4840270 A, US4739879 A, US4653250 A, US4651874 A, US4616470 A, US4538396 A, US4185754 A, US3940905 A, US3940904 A, US3653502 A, US3338019 A, US2952398 A, US2917164 A, US2008659 A, JPS61203305, JPS61144076 U, JP61203305 A2, JP61144076 U1, JP1308739 A2, GB592195 A, EP0251103 A1, EP0250815 A1, EP0193130 A2, DE33125 A, DE2439511 A1, AU555436 B2, AU536262 B2, AU515834 B2,

0) US5486273A – RESILIENT MATERIAL AND DISPOSABLE, ABSORBENT AR...

3) Family number: 11674474 (US5486273A)

© PatBase

Title: RESILIENT MATERIAL AND DISPOSABLE, ABSORBENT ARTICLE COMPRISING SUCH A MATERIAL

Priority:

SE19890002457	19890706	US19910781141	19911227	WO1990SE00475	19900703
US19970936528	19970924	US19950447531	19950524		

Family:

Publication number	Publication date	Application number	Application date
AT88079 E	19930415	AT19900910965T	19900703
AU199060745 A1	19910206	AU19900060745	19900703
AU645024 B2	19940106	AU19900060745	19900703
CA2062744 AA	19911219	CA19902062744	19900703
DE69001357 D1	19930519	DE19906001357	19900703
DE69001357 T2	19930812	DE19906001357T	19900703
DK0485413 T3	19930628	DK19900910965T	19900703
EP0485413 A1	19920520	EP19900910965	19900703

EP0485413 B1	19930414	EP19900910965	19900703
ES2040601 T3	19931016	ES19900910965T	19900703
FI100297 B	19971114	FI19920000028	19920103
FI920028 A0	19920103	FI19920000028	19920103
JP4506314 T2	19921105	JP19900510709T	19900703
NO178392 B	19951211	NO19920000013	19920102
NO178392 C	19960320	NO19920000013	19920102
NO920013 A	19920102	NO19920000013	19920102
NO920013 A0	19920102	NO19920000013	19920102
SE464109 B	19910311	SE19890002457	19890706
SE464109 C	19910704	SE19890002457	19890706
SE8902457 A	19910107	SE19890002457	19890706
SE8902457 A0	19890706	SE19890002457	19890706
SE8902457 L	19910107	SE19890002457	19890706
US5486273 A	19960123	US19910781141	19911227
US5702378 A	19971230	US19950447531	19950524
US5938651 A	19990817	US19970936528	19970924
WO9100720 A1	19910124	WO1990SE00475	19900703

Probable Assignee: SCA HYGIENE PRODUCTS AKTIEBOLAG

Assignee(s):(std)**:** MOELNLYCKE AB ; SCA HYGIENE PRODUCTS AKTIEBOLA ; SCA HYGIENE PROD AB

Assignee(s): WIDLUND URBAN ; HANSSON ROY ; MOLNLYCKE AB ; SCA HYGIENE PRODUCTS AKTIEBOLAG ; MOLNLYCKE AKTIEBOLAG ; MOLNLYCKE AB A CORP OF SWEDEN ; MOELNLYCKE AB GOETEBORG SE ; MOELNLYCKE AKTIEBOLAG ; MOLNLYCKE A CORP AB

Inventor(s):(std)**:** WIDLUND URBAN ; WIDLUND U ; WIDLUND LEIF URBAN ROLAND ; HANSSON ROY ; LINDSKOG C

Inventor(s): C LINDSKOG ; U WIDLUND ; WIDLUND URBAN S 435 00 MOELNLYCKE SE ; URBAN WIDLUND ; ROY HANSSON ; HANSSON ROY S 431 45 MOELNDAL SE

Designated states: AT AU BE CA CH DE DK ES FI FR GB IT JP LI LU NL NO SE US

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/49 A61F13/514 B26F1/24 (Advanced/Invention); A61F13/00 (Advanced/Non–invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/46 A61F13/54 B28B1/48 B29C59/04 B29C61/02 B29C71/00

CPC: Y10S428/91 A61F13/51484 A61F13/15585 A61F13/15707 A61F13/15731 A61F13/512 A61F13/51464 A61F2013/49042 A61F2013/49088 A61F2013/51322 A61F2013/51429 B26F1/24 Y10T428/24273 A61F13/513

European class: A61F13/15C3 A61F13/15M6 A61F13/15M6C A61F13/512 A61F13/514B2 A61F13/514C3 B26F1/24 K61F13/15M2 K61F13/49D3 K61F13/49R K61F13/513D K61F13/514A4C

US class: 264/138 264/154 428/131 428/910 604/358 604/373 604/383 604/385.1 604/385.2 604/385.21 604/385.24

Classification Explorer

Cited documents: US5188625 A, US4692163 A, US4634440 A, US4629643 A, US4534769 A, US4342314 A, US4184902 A, SE84060714, SE8406071 A, SE450454 B, SE449285 B, GB2218990 A1, GB1253664 A, FI87985, EP0302611 A1, EP0203820 A2, EP0195113 A2, EP0098983 A2,

0) US5514105A – RESILIENT PLASTIC WEB EXHIBITING REDUCED SKIN C...

4) Family number: 34574919 (US5514105A)

© PatBase

Title: RESILIENT PLASTIC WEB EXHIBITING REDUCED SKIN CONTACT AREA AND ENHANCED FLUID TRANSFER PROPERTIES

Priority: US19920817016 19920103 US19930146675 19931101 US19950412634 19950329 WO1992US11153 19921221

Family:

Publication number	Publication date	Application number	Application date
AT134130 E	19960215	AT19920902708T	19921221
AU199334182 A1	19930728	AU19930034182	19921221
AU673511 B2	19961114	AU19930034182	19921221
BRPI9207021 A	19951205	BR1992PI07021	19921221
CA2126067 A1	19930708	CA19922126067	19921221
CA2126067 AA	19940616	CA19922126067	19921221
CA2126067 C	19980901	CA19922126067	19921221
CN1037930 C	19980408	CN19931001188	19930102
CN1068479 C	20010711	CN19941006529	19940610
CN1075178 A	19930811	CN19931001188	19930102
CN1121663 A	19960501	CN19941006529	19921230
CN1121663 A	19960501	CN19941006529	19940610
DE69208373 D1	19960328	DE19926008373	19921221
DE69208373 T2	19960912	DE19926008373T	19921221
DK0619727 T3	19960311	DK19920902708T	19921221
EG19757 A	19960131	EG19920000809	19921229
EP0619727 A1	19941019	EP19930902708	19921221
EP0619727 B1	19960214	EP19930902708	19921221
ES2083278 T3	19960401	ES19930902708T	19921221
GR3019003 T3	19960531	GR19960400304T	19960215
HK1006139 A1	19990212	HK19980105305	19980615
JP3461826 B2	20031027	JP19930511861T	19921221
JP7502444 T2	19950316	JP19930511861T	19921221
KR100249603 B1	20000315	KR19940702300	19940702
KR19947003646 A	19941212	KR19947002300	19921221
MX9207650 A1	19940531	MX19920007650	19921230
SA314 B1	20050504	SA19930130485	19930425
SG59983 A1	19990222	SG19960008193	19921221
TH10201 B	20010302	TH19921001962	19921229
TH17181 A	19951214	TH19921001962	19921229
US5514105 A	19960507	US19950412634	19950329
WO9312749 A1	19930708	WO1992US11153	19921221

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; MOTOROLA INC

Assignee(s): PROCTER AND GAMBLE CO THE ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; GERTH DONALD LEROY ; GOODMAN WILLIAM HARRY JR ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** GERTH DONALD L ; GERTH D L ; GERTH DONALD ; GOODMAN JR WILLIAM H ; GERTH DONALD LEROY ; GOODMAN W H JR ; GOODMAN JR ; GOODMAN WILLIAM ; GOODMAN WILLIAM H ; GOODMAN WILLIAM HARRY JR ; ZHONGHE WANG ; HARRY WILLIAM ; WANG ZHONGHE ; GOODMAN WILLIAM HARRY ; LEROY GERTH DONALD ; GOODMAN WILLIAM H JR ; GRTH DONALD AL

Inventor(s): W H GOODMAN JR ; WILLIAM HARRY ; GOODMAN WILLIAM HARRY JR CINCINNATI OH 45209 US ; Jr.Gerth ; WILLIAM H GOODMAN JR ; WILLIAM HARRY GOODMAN ; WILLIAM HARRY GOODMAN JR ; Goodman ; GERTH DONALD LEROY CINCINNATI

OH 45245 US ; DONALD LEROY GERTH ; D L GERTH ; Donald Leroy

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR LI LK LU MC MG ML MN MR MW NL NO NZ PL PT RO RU SD SE SN TD TG UA

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/511 B29C51/00 B32B3/12 B32B5/18 (Advanced/Invention); B32B3/12 B32B5/18 (Advanced/Non–invention); A61F13/15 B29C51/00 B32B3/12 B32B5/18 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/46 A61F13/49 A61F13/511 A61F13/54 B29C51/22 B32B3/12 B32B5/18 D03D1/00 D03D7/00 D06H3/12 H04B7/00

CPC: Y10T428/24322 A61F13/5116 A61F13/5123 B29C51/00 A61F13/51 A61F2013/51088 A61F2013/51338 B29C2793/0045

European class: A61F13/512 B29C51/00 K61F13/15H11 K61F13/51 K61F13/512C K61F13/512E K61F13/513E K61F13/513G K61F13/513G5 K61F13/513H K61F13/51P4 L29C793/00E

US class: 428/137 604/358 604/366 604/370 604/385.1

Classification Explorer

Cited documents: USRE29524 E, USRE23910 E, US691804 A, US5368910 A, US5342334 A, US4859519 A, US4846821 A, US4839216 A, US4778644 A, US4772444 A, US4747991 A, US4695422 A, US4681793 A, US4637819 A, US4629643 A, US4609518 A, US4591523 A, US4535020 A, US4463045 A, US4395215 A, US4342314 A, US4323069 A, US4276338 A, US4151240 A, US4133310 A, US4077410 A, US4041951 A, US4038040 A, US3989867 A, US3979494 A, US3967623 A, US3957414 A, US3952745 A, US3945386 A, US3929135 A, US3844027 A, US3814101 A, US3703897 A, US3674221 A, US3560601 A, US3485705 A, US3390447 A, US3312583 A, US3174837 A, US3123446 A, US3054148 A, US2926490 A, US2857657 A, US2820985 A, US2816025 A, US2809392 A, US2776451 A, US2166366 A, GB2014903 A1, GB2014508 A1,

0) US6652798B – METHOD AND AN APPARATUS FOR FORMING AIR–LAID FI...

5) Family number: 30048455 (US6652798B)

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Title: Method and an apparatus for forming air–laid fibrous absorbent cores

Priority: DE19981023954 19980528 DE19996001390 19990526 WO1999EP03628 19990526

Family:

Publication number	Publication date	Application number	Application date
CO5090925 A1	20011030	CO19990033009	19990527
DE19823954 A1	19991209	DE19981023954	19980528
DE19823954 C2	20020829	DE19981023954	19980528
DE69901390 D1	20020606	DE19996001390	19990526
DE69901390 T2	20021107	DE19996001390T	19990526
DK1082081 T3	20020819	DK19990926423T	19990526
EP1082081 A1	20010314	EP19990926423	19990526
EP1082081 B1	20020502	EP19990926423	19990526
JP2002516191 T2	20020604	JP20000550429T	19990526
PL198968 B1	20080829	PL19990345184	19990526
PL345184 A1	20011203	PL19990345184	19990526
RU2000133247 A	20030120	RU20000133247	19990526
RU2227001 C2	20040420	RU20000133247	19990526
US6652798 BA	20031125	US20000722015	20001127
WO9960964 A1	19991202	WO1999EP03628	19990526

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): EDVARDSSON GUNNAR ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS GOETEB AB

Assignee(s):	SCA HYGIENE PRODUCTS AB GOETEBORG ; SCA HYGIENE PRODUCTS AB GOETEBORG GOTENBURG ; SCA HYGIENE PRODUCTS ABS
Inventor(s):(std)	GUNNAR EDVARDSSON ; EHDVARDSSON GUNNAR ; EDVARDSSON GUNNAR
Designated states:	AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PL PT RU SE US
International class (IPC 8–9)**:**	A61F13/15 A61F13/472 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/42 A61L15/60 B32B5/30 D04H1/72 (Advanced/Invention); A61F13/15 A61F5/44 A61L15/16 B32B5/22 (Core/Invention)
International class (IPC 1–7)**:**	A61F13/15 A61F13/46 A61F13/472 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/42 A61L15/60 B32B5/30 D04H1/72
CPC:	A61F13/15658
European class:	A61F13/15M3G
US class:	264/112 264/113 264/510 264/517 425/81.1 425/811
Classification Explorer	
Cited documents:	WO9510994 A1, US5762844 A, US5064484 A, US4927346 A, US4908175 A, US4598441 A, US3943605 A, JP7150456 A2, JP7150345 A2, JP60232155 A2, JP4200544 A2, GB2315220 A1, GB2294703 A1, GB2124264 A1, FR2690843 A1, EP0627211 A1, EP0292624 A1, DE4335919 A1, DE3413925 A1,

0) US5076424A – DISPENSER CONTAINER FOR WET TISSUES, AND A PROC...

6) Family number: 12981054 (US5076424A) © PatBase

Title:	DISPENSER CONTAINER FOR WET TISSUES, AND A PROCESS FOR MANUFACTURING THE SAME AND AN APPARATUS THEREOF
Priority:	CA19892000658 19891013 EP19890119054 19891013 US19890421285 19891013 US19910657964 19910220 JP19890257301 19891002 JP19880260316 19881015 US19910742301 19910808

Family:

Publication number	Publication date	Application number	Application date
AT102803 E	19940415	AT19890119054T	19891013
AU198942882 A1	19900517	AU19890042882	19891013
AU612284 B2	19910704	AU19890042882	19891013
CA2000658 AA	19900415	CA19892000658	19891013
CA2000658 C	19931207	CA19892000658	19891013
DE68913893 D1	19940421	DE19896013893	19891013
DE68913893 T2	19940818	DE19896013893T	19891013
EP0364896 A1	19900425	EP19890119054	19891013
EP0364896 B1	19940316	EP19890119054	19891013
ES2050201 T3	19940516	ES19890119054T	19891013
HK95195 A	19950623	HK19950000951	19950615
JP2074673 C3	19960725	JP19890257301	19891002
JP2258585 A2	19901019	JP19890257301	19891002
JP7102869 B4	19951108	JP19890257301	19891002
US5076424 A	19911231	US19910657964	19910220
US5152121 A	19921006	US19910742301	19910808

Probable Assignee:	KENNAK U S A INC
Assignee(s):(std)	KENNAK U S A INC ; NAKAMURA KENJI
Assignee(s):	NAKAMURA KENJI OSAKA JP ; KENNAK USA INC ; KENJI NAKAMURA

Inventor(s):(std): NAKAMURA KENJI

Inventor(s): NAKAMURA KENJI OSAKA JP ; KENJI NAKAMURA

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): A47K10/24 A47K10/32 A47K10/34 A47K10/36 B31D1/04 B65D83/08 (Advanced/Invention); A47K10/32 (Advanced/Non–invention); A47K10/24 B31D1/00 (Core/Invention)

International class (IPC 1–7): A47G29/08 A47K10/24 A47K10/32 A47K10/34 A47K10/36 B31D1/04 B31D1/04 B65B63/04 B65D81/22 B65D83/08 B65D85/67

CPC: A47K10/3818 A47K10/421 A47K2010/3206 A47K2010/3266 A47K2010/428 B31D1/04

European class: A47K10/38B1 A47K10/42B B31D1/04 K47K10/32B K47K10/32W K47K10/42F

US class: 206/205 206/409 53/111.0RC 53/111RC 53/117 53/431 53/522 D6/518

Classification Explorer

Cited documents: US4840270 A, US4836410 A, US4817790 A, US4778048 A, US4739879 A, US4649695 A, US4638921 A, US4244493 A, US4189896 A, US4131195 A, US4101026 A, US4017002 A, US4002264 A, US4000816 A, US3836044 A, US3819043 A, US3805474 A, US3795355 A, US3784055 A, US3780908 A, US3496698 A, US3477200 A, US3286435 A, US3002668 A, US2541387 A, JP64070017 A2, JP62087076 U1, JP62022980 U1, JP62003469 U1, GB1382183 A, EP0286538 A1, AU9097282 A1, AU4841179 A1, AU3321978 A1,

0) US3994299A – ABSORBENT ARTICLE

7) Family number: 1191873 (US3994299A)

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Title: ABSORBENT ARTICLE

Priority: DK19760000772 19760224 DK19790000156 19790115 US19770799638 19770523 US19760710966 19760802 US19760697076 19760616 US19750552463 19750224 US19770863482 19771222

Family:

Publication number	Publication date	Application number	Application date
AT113076 A	19821015	AT19760001130	19760218
AU197611296 A1	19770825	AU19760011296	19760220
AU507051 B2	19800131	AU19760011296	19760220
BE838886 A	19760616	BE19760164592	19760224
BE838886 A1	19760616	BE19760164592	19760224
BR7601125 A	19760914	BR19760001125	19760223
CA1065553 A1	19791106	CA19760246086	19760219
CH608698 A	19790131	CH19760001782	19760213
DE2605552 A1	19760902	DE19762605552	19760212
DE2605552 C2	19890720	DE19762605552	19760212
DK151452 B	19871207	DK19760000772	19760224
DK151452 C	19880613	DK19760000772	19760224
DK15679 A	19790115	DK19790000156	19790115
DK77276 A	19760825	DK19760000772	19760224
ES445437 A1	19770601	ES19760445437	19760223
ES453346 A1	19780216	ES19760453346	19761116
ES453347 A1	19780216	ES19760453347	19761116
FR2301189 A1	19760917	FR19760004619	19760219
FR2301189 B1	19800425	FR19760004619	19760219

GB1540474 A	19790214	GB19760006175	19760217
GR59284 B	19771206	GR19760049943	19760203
GR59284 B	19771206	GR19760149943	19760203
IE42300 B	19800716	IE19760000365	19760223
IE42300 L	19760824	IE19760000365	19760223
IT1053842 A	19811010	IT19760048054	19760211
JP1339107 C3	19860929	JP19760018772	19760223
JP51116081 A2	19761013	JP19760018772	19760223
JP61003501 B4	19860201	JP19760018772	19760223
MX144521 A	19811023	MX19760163645	19760224
NL182279 B	19870916	NL19760001792	19760223
NL182279 C	19880216	NL19760001792	19760223
NL7601792 A	19760826	NL19760001792	19760223
PH11569 A	19780331	PH19760018126	19760223
PT64776 A	19760301	PT19760064776	19760204
PT64776 B	19770706	PT19760064776	19760204
SE432348 B	19840402	SE19760000860	19760128
SE432348 C	19840712	SE19760000860	19760128
SE7600860 A	19760825	SE19760000860	19760128
SE7600860 L	19760825	SE19760000860	19760128
US3994299 A	19761130	US19750552463	19750224
US4014341 A	19770329	US19760710966	19760802
US4184902 A	19800122	US19770863482	19771222
ZA7600461 A	19770928	ZA19760000461	19760127

Probable Assignee: COLGATE PALMOLIVE CO

Assignee(s):(std)**:** COLGATE PALMOLIVE CO

Assignee(s): COLGATE PALMOLIVE CO NEW YORK N Y US ; COLGATE PALMOLIVE CO TE NEW YORK ; COLGATE PALMOLIVE CO TE NEW YORK NEW YORK VER ST V AM ; COLGATE PALMOLIVE COMPANY ; COLGATE PALMOLIVE COMPANY TE NEW YORK ; COLGATE PALMOLIVE COMPANY TE NEW YORK NEW YORK VER ST V AM ; COLGATE PALMOLIVE CY ; KARAMI HAMZEH ; COLGATE PALMOLIVE

Inventor(s):(std)**:** HAMUZEE KARAMI ; KARAMI H ; KARAMI HAMZEH

Inventor(s): KARAMI HAMZEH CRYSTAL LAKE ILL ; HAMZEH KARAMI ; H KARAMI

International class (IPC 8–9)**:** A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 B01J20/28 (Advanced/Invention); A61F13/15 B01J20/28 (Core/Invention); A41B (Subclass/Invention)

International class (IPC 1–7)**:** A41B13/02 A47C A61F13/00 A61F13/16 A61F13/18 A61F13/20 A61L15/00 B01D15/00 B01J20/28 B32B5/26 B32B5/32 B32B7/14

CPC: Y10T428/24273 A61F13/534 A61F13/537 A61F13/539 A61F2013/15821 A61F2013/51186 A61F2013/53445 A61F2013/53782 A61F2013/5395 Y10T156/1056 A61F13/5126 A61F13/513 A61F13/15634 A61F13/511 A61F13/15674 A61F13/5116 A61F13/5123

European class: A61F13/15M3C A61F13/15M4B A61F13/511 A61F13/512 A61F13/515 A61F13/539 K61F13/15A1 K61F13/15E10 K61F13/15E10C K61F13/15E2 K61F13/15E2A K61F13/15E2D K61F13/15E2D1 K61F13/15H10 K61F13/15M11 K61F13/511 K61F13/511F K61F13/534 K61F13/534C K61F13/537 K61F13/537E4 K61F13/539 K61F13/539C

US class: 128/287 156/252 156/291 156/306.6 156/322 156/85 428/131 604/366 604/370 604/372 604/378 604/383 604/390

Classification Explorer

Cited documents: US3994299 A, US3965906 A, US3945386 A, US3927673 A, US3903890 A, US3888248 A, US3886941 A, US3885074 A, US3881489 A, US3875942 A, US3868287 A,

US3842838 A, US3819465 A, US3814101 A, US3758363 A, US3665921 A, US3645264 A, US3620894 A, US3559648 A, US3441021 A, US3403681 A, US3344789 A, US3292619 A, US3221738 A, US2923298 A, US2862251 A, SE388763 B, SE178645 C1, GB1207287 A, FR2181792 A1, FR1346027 A, CH405197 A,

0) US6506873B – DEGRADABLE POLYMER FIBERS; PREPARATION PRODUCT;...

8) Family number: 20662579 (US6506873B)

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Title: DEGRADABLE POLYMER FIBERS; PREPARATION PRODUCT; AND, METHODS OF USE

Priority: US19970850319 19970502 US19980072326 19980504 WO1998US08417 19980504

Family:

Publication number	Publication date	Application number	Application date
AT277208 E	20041015	AT19980919914T	19980504
AU199872596 A1	19981127	AU19980072596	19980504
AU742248 B2	20011220	AU19980072596	19980504
BRPI9815471 A	20020213	BR1998PI15471	19980504
BRPI9815471 B1	20090113	BR1998PI15471	19980504
CA2287952 AA	19991029	CA19982287952	19980504
CA2287952 C	20061128	CA19982287952	19980504
CN1172037 C	20041020	CN19988005737	19980504
CN1259176 A	20000705	CN19988005737	19980504
DE69826457 D1	20041028	DE19986026457	19980504
DE69826457 T2	20051013	DE19986026457T	19980504
DK0977912 T3	20050207	DK19980919914T	19980504
EP0977912 A1	20000209	EP19980919914	19980504
EP0977912 B1	20040922	EP19980919914	19980504
ES2230689 T3	20050501	ES19980919914T	19980504
HK1025607 A1	20050324	HK20000104935	20000808
JP2001522412 T2	20011113	JP19980538953T	19980504
JP4093595 B2	20080604	JP19980538953T	19980504
KR100504214 B1	20050728	KR19997010147	19980504
KR20010012198 A	20010215	KR19997010147	19980504
NO315906 B1	20031110	NO19990005357	19991102
NO995357 A	20000103	NO19990005357	19991102
NO995357 A0	19991102	NO19990005357	19991102
NZ501274 A	20010629	NZ19980501274	19980504
PT977912 T	20050228	PT19980919914T	19980504
US6506873 BA	20030114	US19980072326	19980504
WO9850611 A1	19981112	WO1998US08417	19980504

Probable Assignee: CARGILL INC

Assignee(s):(std)**:** CARGILL INC

Assignee(s): GESSNER SCOTT LOUIS ; RYAN CHRISTOPHER M ; BROSCH ANDREA LEE ; BUEHLER NANCY UZELAC

Inventor(s):(std)**:** UZELAC BUEHLER NANCY ; RYAN M ; RYAN CHRISTOPHER MICHAEL ; RYAN CHRISTOPHER M ; RYAN C M ; GESSNER SCOTT LOUIS ; GESSNER S L ; GESSNER LOUIS ; BUEHLER UZELAC ; BUEHLER NANCY UZELAC ; BUEHLER N U ; BROSCH LEE ; BROSCH ANDREA LEE

Inventor(s): ANDREA LEE BROSCH ; CM RYAN ; CHRISTOPHER M RYAN ; C M RYAN ; NU BUEHLER ; NANCY UZELAC BUEHLER ; N U BUEHLER ; SL GESSNER ; SCOTT LOUIS GESSNER ; S L GESSNER

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): B32B27/10 B32B27/36 B32B5/02 D01F6/62 D01F6/92 D01F8/14 D04H1/42 D04H1/54 D04H13/00 D04H3/00 D04H3/16 (Advanced/Invention); B32B27/10 B32B27/36 B32B5/02 D01F6/62 D01F6/92 D04H3/16 (Advanced/Non–invention); B32B27/36 D01F6/62 D01F8/14 D04H1/42 (Core/Invention)

International class (IPC 1–7): B32B27/10 B32B27/36 B32B5/02 C08G63/08 D01F6/62 D01F6/92 D01F8/14 D04H1/42 D04H3/16

CPC: Y10T442/641 Y10T442/642 Y10T442/69 Y10T442/696 D01F8/14 D01F6/625 D04H1/54 D04H1/4291 D04H1/4334 D04H1/435 D04H1/4382

European class: D01F6/62B D01F8/14 D04H1/42 D04H1/54 D04H13/00B2 D04H13/00B5

US class: 264/171.11 264/172.11 264/172.15 442/364 442/365 442/409 442/414 525/410 525/419 528/328 528/354

Classification Explorer

Cited documents: WO9630576 A1, WO9408078 A1, WO9406856 A1, WO9204413 A1, WO9204412 A1, WO9001521 A1, US5594095 A, US5567510 A, US5545371 A, US5536807 A, US5525706 A, US5502158 A, US5484881 A, US5475080 A, US5444113 A, US5437918 A, US5424346 A, US5391423 A, US5338822 A, US5294469 A, US5274073 A, US5252642 A, US5247059 A, US5216050 A, US5180765 A, US5142023 A, US5010145 A, US4442062 A, JP9095852 A2, JP9095847 A2, JP9095605 A2, JP9077863 A2, JP9077124 A2, JP8283558 A2, JP7133569 A2, JP7008520 A2, FR2732196 A1, FR2725731 A1, EP0765969 A1, EP0765959 A1, EP0747065 A1, EP0731198 A2, EP0723043 A2, EP0669358 A1, EP0637641 A1, EP0597427 A1,

0) US2002033562A – NONWOVEN FABRIC WITH HIGH CD ELONGATION AND MET...

9) Family number: 28185047 (US2002033562A) © PatBase

Title: NONWOVEN FABRIC WITH HIGH CD ELONGATION AND METHOD OF MAKING SAME

Priority:

AU20000066303	20000810	AU20020318879	20021218	EP20000953942	20000810
AU20020318880	20021218	AU20020318881	20021218	US19990373826	19990813
WO2000US21887	20000810	US20010953390	20010914	US19990460659	19991213
US20000613469	20000710				

Family:

Publication number	Publication date	Application number	Application date
AT294701 E	20050515	AT20000953942T	20000810
AU200066303 A1	20010313	AU20000066303	20000810
AU200066303 A5	20010313	AU20000066303D	20000810
AU2002318879 AA	20030410	AU20020318879	20021218
AU2002318879 BB	20040219	AU20020318879	20021218
AU2002318880 AA	20030410	AU20020318880	20021218
AU2002318880 BB	20040219	AU20020318880	20021218
AU2002318881 AA	20030410	AU20020318881	20021218
AU2002318881 BB	20040304	AU20020318881	20021218
AU767251 B2	20031106	AU20000066303	20000810
CA2381970 AA	20020204	CA20002381970	20000810
CN1230582 C	20051207	CN20008013209	20000810

CN1376223 A	20021023	CN20008013209	20000810
DE60019956 D1	20050609	DE20006019956	20000810
DE60019956 T2	20060202	DE20006019956T	20000810
DK1228270 T3	20050905	DK20000953942T	20000810
EP1228270 A1	20020807	EP20000953942	20000810
EP1228270 A4	20030115	EP20000953942	20000810
EP1228270 B1	20050504	EP20000953942	20000810
ES2241640 T3	20051101	ES20000953942T	20000810
JP2003507586 T2	20030225	JP20010516969T	20000810
MXPA02001536 A1	20030721	MX2002PA01536	20000810
US2002033562 AA	20020321	US20010953390	20010914
US6319455 BA	20011120	US20000613469	20000710
US6331268 BA	20011218	US19990373826	19990813
US6331345 BA	20011218	US19990460659	19991213
US6436512 BA	20020820	US20010953390	20010914
WO0112888 A1	20010222	WO2000US21887	20000810

Probable Assignee: FIRST QUALITY NONWOVENS INC

Assignee(s):(std)**:** FIRST QUALITY NONWOVENS INC ; FIRST QUALITY FIBERS INC ; TURI MORDECHAI

Assignee(s): CITIZENS BANK OF PENNSYLVANIA ; FIRST QUALITY PRODUCTS INC AND FIRST QUALITY BABY PRODUCTS LLC ; FIRST QUALITY FIBERS INC A CORP OF PENNSYLVANIA ; JPMORGAN CHASE BANK NA ; JPMORGAN CHASE NA ; FIRST QUALITY FIBERS INC CORP OF PENNSYLVANIA ; FIRST QUALITY PRODUCTS INC AND FIRST QUALITY BABY ; KAUSCHKE MICHAEL

Inventor(s):(std)**:** MICHAEL KAUSCHKE ; MORDECHAI TURI ; TURI MORDECHAI ; TURI MICHAEL KAUSCHKE MORDECHA ; KAUSCHKE MICHAEL

Inventor(s): MICHAEL KAUSCHKE MORDECHAI TURI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/472 B32B27/12 B32B27/14 B32B3/00 D04H1/04 D04H1/70 D04H1/72 D04H1/74 D04H13/00 D04H3/16 (Advanced/Invention);
A61F13/15 (Advanced/Non–invention);
B32B27/12 D04H1/00 D04H1/70 D04H13/00 D04H3/16 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/472 B29C43/00 B29C43/22 B32B27/12 B32B27/14 B32B3/00 B32B3/02 B32B5/12 D01G25/00 D04H1/04 D04H1/72 D04H3/00 D04H3/08 D04H3/16

CPC: Y10T428/24595 Y10T428/24479 Y10T428/24603 Y10T442/681 Y10T442/601 D04H3/02 D04H3/033 D04H1/70 D04H1/74 B32B3/28 B32B5/022 B32B2305/20 B32B2307/72 B32B27/12 D04H3/16

European class: B32B27/12 D04H1/70 D04H1/74 D04H13/00B2 D04H3/16

US class: 156/167 156/167S 156/181 156/181S 19/299 19/299S 264/517 264/517S 264/518 264/518P 264/555 264/555S 264/557 264/557S 428/156 428/170 428/171 428/219 442/328 442/401 442/401S

Classification Explorer

Cited documents: WO9957355 A1, WO9957335 A1, WO9953877 A1, WO9614457 A2, WO9601651 A1, WO9528280 A1, WO9516422 A2, WO9207984 A1, USH1674 H1, US6277479 BA, US6030686 A, US5964742 A, US5906840 A, US5882562 A, US5865003 A, US5789065 A, US5762253 A, US5736219 A, US5695868 A, US5669798 A, US5667750 A, US5654088 A, US5626571 A, US5599420 A, US5543206 A, US5534326 A, US5527304 A, US5507736 A, US5487655 A, US5482765 A, US5464401 A, US5462642 A, US5460500 A, US5369858 A, US5314325 A, US5246433 A, US5236430 A, US5211903 A, US5167897 A, US5156793 A, US5149332 A, US4968313 A, US4936934 A, US4838774 A, US4834741 A, US4742941 A, US4741877 A, US4725473 A, US4627811 A, US4481694 A, US4442062 A, US4405297 A, US4375446 A, US4186463 A,

US4103058 A, US4095007 A, US4075382 A, US3973291 A, US3969561 A, US3791920 A, US3775244 A, US3485708 A, US3284857 A, US3034180 A, US2986780 A, JP51055470 A2, JP11189961, JP10000713, FR2711378 A1, FR2122596 A3, EP0818569 A2, EP0815819 A2, EP0776391 A1, EP0511025 A1, DE4311867 A1, DE19709352 A1, DE19620503 A1,

0) US6315766B – SANITARY NAPKIN HAVING IMPROVED SIDE LEAKAGE PR...

10) Family number: 15730913 (US6315766B)

© PatBase

Title: SANITARY NAPKIN HAVING IMPROVED SIDE LEAKAGE PROTECTION

Priority: SE19950003751 19951025 US19980051824 19980402 WO1996SE01350 19961022

Family:

Publication number	Publication date	Application number	Application date
AU199673555 A1	19970515	AU19960073555	19961022
CO4770941 A1	19990430	CO19960056218	19961023
DE69618622 D1	20020221	DE19966018622	19961022
DE69618622 T2	20020613	DE19966018622T	19961022
EP0957863 A1	19991124	EP19960935744	19961022
EP0957863 B1	20020116	EP19960935744	19961022
GB2306333 A1	19970507	GB19960022030	19961024
GB2306333 B2	19991124	GB19960022030	19961024
GB9622030 A0	19961218	GB19960022030	19961024
PE31898 A1	19980619	PE19960000727	19961021
SE508252 C2	19980921	SE19950003751	19951025
SE9503751 A	19970426	SE19950003751D	19951025
SE9503751 A0	19951025	SE19950003751	19951025
SE9503751 L	19970426	SE19950003751	19951025
TNSN96130 A1	19980319	TN1996SN00130	19961023
TNSN96130 A1	19981231	TN1996SN00130	19961023
US6315766 BA	20011113	US19980051824	19980402
WO9715259 A1	19970501	WO1996SE01350	19961022
ZA9608869 A	19970528	ZA19960008869	19961022

Probable Assignee: SCA HYGIENE PRODUCTS AKTIEBOLAG

Assignee(s):(std)**:** MOELNLYCKE AB ; SCA HYGIENE PRODUCTS AKTIEBOLA ; SCA HYGIENE PROD AB ; SCA MOELNLYCKE AB ; SCA M LNLYCKE AB ; SCA MOLNLYCKE AB ; SCA MOELNLYCKE AB GOETEBORG ; DREVIK SOLGUN

Assignee(s): LNLYCKE AB ; SCA M¿LNLYCKE AB ; SCA M AND 247 LNLYCKE AB ; SCA MOELNLYCKE GOETEBORG AB ; SCA MVLNLYCKE ABS ; SCA MLNLYCKE AB ; SGA HYGIENE PRODUCTS AKTIEBOLAG ; SCA HYGIENE PRODUCTS AKTIEBOLAG S ; SCA HYGIENE PRODUCTS AKTIEBOLAG ; SCA M ; SCA M 247 LNLYCKE AB

Inventor(s):(std)**:** SOLGUN DREVIK ; DREVIK SOLGUN

Designated states: AT AU BE CA CH CZ DE DK ES FI FR GB GR HU IE IT JP LU MC MX NL NZ PL PT SE SK TR US

International class (IPC 8–9)**:** A61F13/15 (Advanced/Invention); A61F13/15 (Core/Invention)

International class (IPC 1–7)**:** A61F13/15

CPC: A61F13/47218 A61F13/47263 A61F13/4757 A61F13/476

European class: A61F13/472B A61F13/472D A61F13/475A4 A61F13/476

US class: 604/385.04 604/385.22 604/386 604/387

Classification Explorer

Cited documents: WO9517148 A2, US5591147 A, US5391162 A, US5346486 A, US5344416 A, US5275591 A, US5221275 A, US5133705 A, US5129893 A, US5125918 A, US5098422 A, US5037417 A, US4917697 A, US4897084 A, US4758241 A, EP0330206 A1,

0) US2753795A – ROTARY OFFSET DUPLICATING MACHINE

11) Family number: 21740572 (US2753795A) © PatBase

Title: ROTARY OFFSET DUPLICATING MACHINE

Priority: US19500154009 19500405

Family:

Publication number	Publication date	Application number	Application date
US2753795 A	19560710	US19500154009	19500405

Probable Assignee: DITTO INC

Assignee(s):(std)**:** DITTO INC

Inventor(s):(std)**:** BRUNS HERBERT F

International class (IPC 8–9): B41L19/00 (Advanced/Invention); B41L19/00 (Core/Invention)

International class (IPC 1–7): B41L17/14

CPC: B41L19/00

European class: B41L19/00

US class: 101/144 101/147 101/148 101/271 101/365 101/80 271/12

Classification Explorer

Cited documents: US841142 A, US746124 A, US350056 A, US2542073 A, US2539383 A, US2459922 A, US2408449 A, US2397053 A, US2387750 A, US2347619 A, US2335010 A, US2328990 A, US2317993 A, US2310363 A, US2306044 A, US2273476 A, US2247473 A, US2183720 A, US2158047 A, US2129230 A, US2102641 A, US2070903 A, US1853781 A, US1849143 A, US1613255 A, US1061526 A,

0) US5963986A – DISPOSABLE CAPE

12) Family number: 30106087 (US5963986A) © PatBase

Title: Disposable cape

Priority: US19980087124 19980427 US19980087124F 19980427 US19980140044 19980826 WO1999US19225 19990824

Family:

Publication number	Publication date	Application number	Application date
CA2341478 AA	20010223	CA19992341478	19990824
EP1107673 A1	20010620	EP19990943856	19990824
EP1107673 A4	20041027	EP19990943856	19990824
US5963986 A	19991012	US19980140044	19980826
WO0011978 A1	20000309	WO1999US19225	19990824

Probable Assignee: DEPPEN JUANITA M

Assignee(s):(std): DEPPEN JUANITA M

Inventor(s):(std): DEPPEN JUANITA M

Designated states: AT BE CA CH CN CY DE DK ES FI FR GB GR IE IT JP LI LU MC NL PT SE US

International class (IPC 8–9)**:** A41B13/10 A45D44/08 (Advanced/Invention)

International class (IPC 1–7)**:** A41B13/10 A45D44/08

CPC: A41B13/10 A41B2400/52 A45D44/08

European class: A41B13/10 A45D44/08 K41B400/52

US class: 2/49.1 2/50

Classification Explorer

Cited documents: USH1738 H1, US5963986 A, US5960472 A, US5956761 A, US5953753 A, US5941393 A, US5930837 A, US5930836 A, US5493809 A, US5465846 A, US5465845 A, US5207328 A, US5074674 A, US4884299 A, US4676378 A, US4622698 A, US4330888 A, US4306316 A, US4288877 A, US3916447 A, US3416157 A, US3332547 A, US3221341 A,

0) US4161283A – ARTICLE FOR THE DISPENSING OF VOLATILES

13) Family number: 7482049 (US4161283A) © PatBase

Title: Article for the dispensing of volatiles

Priority: CA19790331880 19790716 EP19790102485 19790716 US19770803369 19770603 EP19830103019 19790716 US19790037688 19790510

Family:

Publication number	Publication date	Application number	Application date
AU197949661 A1	19801113	AU19790049661	19790807
AU531497 B2	19830825	AU19790049661	19790807
CA1133853 A1	19821019	CA19790331880	19790716
DE2967234 D1	19841031	DE19792967234	19790716
EP0019010 A1	19801126	EP19790102485	19790716
EP0019010 B1	19840926	EP19790102485	19790716
EP0093262 A1	19831109	EP19830103019	19790716
US4161283 A	19790717	US19770803369	19770603
US4285468 A	19810825	US19790037688	19790510

Probable Assignee: HYMAN SY

Assignee(s):(std): HYMAN S ; HYMAN SY

Assignee(s): S HYMAN ; SY HYMAN

Inventor(s):(std): HYMAN S ; HYMAN SY

Inventor(s): S HYMAN ; SY HYMAN

Designated states: BE CH DE FR GB IT NL

International class (IPC 8–9)**:** A01M1/20 A01M29/00 A01M29/12 A01N25/18 A61L9/04 A61L9/12 (Advanced/Invention)

International class (IPC 1–7)**:** A01M1/20 A01M13/00 A01N17/08 A01N25/18 A61K9/00 A61L9/00 A61L9/04 A61L9/12 B32B5/18 B32B7/06 B65D65/40 B65D75/32 B65D75/48

CPC: Y10S261/88 A01M1/2055 A01M1/2044 A01M29/12 A01N25/18 A61L9/042 A61L9/12

European class: A01M1/20A A01M1/20C2L A01M1/20C2S A01M29/12 A01N25/18 A61L9/04B A61L9/12

US class: 239/55 261/DIG.88

Classification Explorer

Cited documents: US4161283 A, US4158440 A, US4157787 A, US4145001 A, US3896995 A, US3858807 A, US3844478 A, US3815828 A, US3813041 A, US3785556 A, US3685734 A, US3623659 A, US3578545 A, US3575345 A, US3343664 A, US2717174 A, US2615754 A, IT686329 A, GB1516845 A, GB1273322 A, FR2336946 A1, FR2091855 A1,

0) US2057005A – PERMANENT WAVING APPARATUS

14) Family number: 21343424 (US2057005A) © PatBase

Title: PERMANENT WAVING APPARATUS

Priority: US19330696949 19331107

Family:

Publication number	Publication date	Application number	Application date
US2057005 A	19361013	US19330696949	19331107

Probable Assignee: EUGENE LTD

Assignee(s):(std)**:** EUGENE LTD

Inventor(s):(std)**:** MILTON BURTON

Inventor(s): BURTON MILTON

International class (IPC 8–9): A45D4/06 (Advanced/Invention); A45D4/00 (Core/Invention)

International class (IPC 1–7): A45D2/36

CPC: A45D4/06

European class: A45D4/06

US class: 219/224

Classification Explorer

0) GB567005A – IMPROVEMENTS IN OR RELATING TO THE APPLICATION ...

15) Family number: 19143394 (GB567005A) © PatBase

Title: Improvements in or relating to the application of coatings to workpieces of sheet material

Priority: GB19430006450 19430422

Family:

Publication number	Publication date	Application number	Application date
GB567005 A	19450124	GB19430006450	19430422

Probable Assignee: BRITISH UNITED SHOE MACHINERY

Assignee(s):(std)**:** BRITISH UNITED SHOE MACHINERY

Assignee(s): THE BRITISH UNITED SHOE MACHINERY COMPANY LIMITED

International class (IPC 8–9): A43D25/18 (Advanced/Invention)

International class (IPC 1–7): A43D25/02

CPC: A43D25/18

European class: A43D25/18

Classification Explorer

0) DE8416418U1 –

16) Family number: 16511502 (DE8416418U1) © PatBase

Family:

Publication number	Publication date	Application number	Application date
DE8416418 U1	19840823	DE19840116418U	19840529

Probable Assignee: OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBACH DE

Assignee(s):(std)**:** OMEGA MEDIZINTECHNIK GMBH AND CO ; OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBA

Assignee(s): OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBACH DE

International class (IPC 8–9): G01N1/28 (Advanced/Invention); G01N1/28 (Core/Invention)

International class (IPC 1–7): C12M1/00 G01N1/28 G01N33/48

CPC: G01N1/28

European class: G01N1/28F

Classification Explorer

0) GB1429580A – PURIFICATION TREATMENT PROCESS AND APPARATUS

17) Family number: 31806797 (GB1429580A) © PatBase

Title: PURIFICATION TREATMENT PROCESS AND APPARATUS

Priority: DE1951S025909 19511117 FR19730036169 19731010

Family:

Publication number	Publication date	Application number	Application date
AR209427 A1	19770429	AR19740255957	19741007
AT364740 B	19811110	AT19740008102	19741009
AT810274 A	19810415	AT19740008102	19741009
AU197474059 A1	19760415	AU19740074059	19741008
BE820942 A	19750410	BE19740149424	19741010
BE820942 A1	19750410	BE19740149424	19741010
BR7408419 A	19751104	BR19740008419	19741009
CA1056568 A1	19790619	CA19740210777	19741004
CA1069645 A1	19800108	CA19740210821	19741004
CH597287 A	19780331	CH19770003817	19741009
CH610955 A	19790515	CH19740013583	19741009
DE2448418 A1	19750507	DE19742448418	19741010
DE2448418 C2	19860626	DE19742448418	19741010
DK149647 B	19860825	DK19740005282	19741009
DK528274 A	19750630	DK19740005282	19741009

FI291274 A	19750411	FI19740002912	19741004
FI58114 B	19800829	FI19740002912	19741004
FI58114 C	19801210	FI19740002912	19741004
FR2247346 A1	19750509	FR19730036169	19731010
FR2247346 B1	19780217	FR19730036169	19731010
GB1429580 A	19760324	GB19740042998	19741003
HU172876 P	19781228	HU1974SA02700	19741009
HU175296 P	19800628	HU1974SA03028	19741009
IE41882 B	19800423	IE19740002065	19741004
IE41882 L	19750410	IE19740002065	19741004
IL45755 A0	19741129	IL19740045755	19740930
IL45755 A1	19780615	IL19740045755	19740930
IT1022709 A	19780420	IT19740028205	19741008
JP1208263 C3	19840529	JP19740115665	19741009
JP50076328 A2	19750623	JP19740115665	19741009
JP58043339 B4	19830926	JP19740115665	19741009
LU71077 A	19750624	LU19740071077	19741009
NL172471 B	19830405	NL19740012646	19740925
NL172471 C	19830901	NL19740012646	19740925
NL7412646 A	19750414	NL19740012646	19740925
NO743568 A	19750505	NO19740003568	19741001
NO770918 A	19750411	NO19770000918	19770315
PL91767 P	19770331	PL19740174739	19741010
SE409199 B	19790806	SE19740012711	19741009
SE409199 C	19791115	SE19740012711	19741009
SE7412711 A	19750411	SE19740012711	19741009
SE7412711 L	19750411	SE19740012711	19741009
SU843766 D	19810630	SU19742068848	19741009
TR18256 A	19761110	TR19740018256	19741010
ZA7406264 A	19751029	ZA19740006264	19741002

Probable Assignee: SAINT GOBAIN

Assignee(s):(std)**:** SAINT GOBAIN IND SOC ANONYME TE NEUILLY ; SAINT GOBAIN INDUSTRIES ; SAINT GOBAIN IND SOC ANONYME TE LY SU ; SAINT GOBAIN IND FR ; SAINT GOBAIN ; SAINT GOBAIN IND ; SAINT GOBIAN IND ; SEN GOBEN ENDYUSTRI FA ; SAINT GOBAIN INDUSTRIES FR

Assignee(s): SEN GOBEN ENDYUSTRI FIRMA ; SAINT GOBAIN INDUSTRIES SOCIETE ANONYME TE NEUILLY SUR SEINE FRANKRIJK ; SAINT GOBAIN INDUSTRIES SOCIETE ANONYME TE LY SUR SEINE FRANKRIJK ; BARTHE MARIE PIERRE ; BATTIGELLI JEAN A ; LEVECQUE MARCEL ; SAINT GOBIAN INDUSTRIES ; SAINT GOBAIN INDUSTRIES SOCIETE ANONYME TE NEUILLY ; SAINT GOBAIN INDUSTRIES SOCIETE ANONYME TE LY SUR ; SAINT GOBAIN IND NEUILLYSUR SEINE ; SAINT GOBAIN IND NEUILLY SUR SEINE FR ; SAINT GOBAIN IND SOC ANONYME TE NEUILLY SUR SEINE ; SAINT GOBAIN IND SOC ANONYME TE LY SUR SEINE FRANK ; SAINT GOBAIN IND SOC ANONYME TE NEUILLY SUR SEINE FRANKRIJK ; SAINT GOBAIN IND SOC ANONYME TE LY SUR SEINE FRANKRIJK ; SEN GOBEN ENDYUSTRI ; SAINT GOBAIN INDUSTRIES NEUILLY SUR SEINE FR

Inventor(s):(std)**:** BARTHE MARIE PIERRE FR ; BATTIGELLI J ; BATTIGELLI J A ; BATTIGELLI JEAN ; BATTIGELLI JEAN A ; BATTIGELLI JEAN ANTOINE ; BATTIGELLI JEAN FR ; BART MARI PER ; BARTHE M ; BARTHE M P ; BARTHE MARIE PIERRE ; BATTIZHELLI ZHAN A ; J BATTIGELLI ; JAN BATEIJERI ; JEAN BATTIGELLI ; LEVECQE M ; LEVECQUE M ; LEVECQUE MARCEL ; LEVECQUE MARCEL FR ; LEVEK MARSEL ; LEVENCQUE M ; M LEVECQUE ; M P BARTHE ; MARCEL LEVECQUE ; MARI PER BART FR ; MARIE PIERRE BARTHE ; MARII PIEERU BARUTE ; MARSEL LEVEK FR ; MARUSERU REUETSUKU ; ZHAN ABATTIZHELLI FR

Inventor(s):

	ZHAN A BATTIZHELLI FR ; MARCEL LEVESQUE MARIE PIERO E BARTHE AND JEAN BOTTICELLI ; LEVECQUE MARCEL SAINT GRATIEN ; LEVECQUE MARCEL SAINT GRATIEN FR ; JEAN ANTOINE BATTIGELLI ; BARTHE MARIE PIERRE CLERMONT ; BARTHE MARIE PIERRE CLERMONT FR ; BATTIGELLI JEAN RANTIGNY ; BATTIGELLI JEAN RANTIGNY FR
International class (IPC 8–9):	B01J3/04 C03B37/06 C03B37/07 C03B37/075 C08J11/04 C10K1/00 D04H1/00 D04H1/42 D04H1/4209 D04H1/4218 D04H1/4226 D04H1/64 D04H1/732 D04H1/736 H04Q3/42 (Advanced/Invention); B32B17/00 C03B37/075 C10K1/00 D04H1/42 (Advanced/Non–invention); C03B37/00 C03B37/01 C03B37/075 C10K1/00 D04H1/00 D04H1/42 H04Q3/42 (Core/Invention); B32B17/00 (Core/Non–invention)
International class (IPC 1–7):	B01D47/00 B01D50/00 B01D53/00 B01D53/34 B01J3/04 B08B15/00 B29D3/02 B32B17/00 B32B17/04 B32B31/12 C02C5/00 C02C5/04 C02C5/06 C03B37/00 C03B37/02 C03B37/04 C03B37/06 C03B37/10 C03C25/02 C08J11/04 C10K1/00 D01D13/00 D01D5/00 D01G23/00 D04H1/00 D04H1/58 D04H1/64 D04H1/72
CPC:	D04H1/00 D04H1/4209 D04H1/4218 D04H1/4226 D04H1/64 D04H1/732 D04H1/736 H04Q3/42
European class:	D04H1/00 D04H1/4209 D04H1/4218 D04H1/4226 D04H1/64 D04H1/732 D04H1/736 H04Q3/42
Classification Explorer	
Cited documents:	US3528220 A, JP48069867 A2, JP46009865 A2, DE2163183 A1, DE1594689 A1,

0) US4155693A – EMBOSSED SCREEN ASSEMBLY

18) Family number: 1473430 (US4155693A) © PatBase

Title:	Embossed screen assembly
Priority:	CA19790330783 19790628 US19780927108 19780724

Family:

Publication number	Publication date	Application number	Application date
BE877858 A	19791116	BE19790196427	19790724
BE877858 A1	19791116	BE19790196427	19790724
CA1125980 A1	19820622	CA19790330783	19790628
DE2929086 A1	19800207	DE19792929086	19790718
DE2929086 C2	19831013	DE19792929086	19790718
FR2433403 A1	19800314	FR19790019022	19790724
FR2433403 B1	19831202	FR19790019022	19790724
GB2026388 A1	19800206	GB19790023433	19790705
GB2026388 B2	19821006	GB19790023433	19790705
JP55018100 U1	19800205	JP19790100525U	19790720
JP58004659 Y2	19830126	JP19790100525U	19790720
US4155693 A	19790522	US19780927108	19780724

Probable Assignee:	ETHYL CORP
Assignee(s):(std):	ETHYL CORP
Assignee(s):	ETHYL CORP 23219 RICHMOND VA US ; RALEY GARLAND E ; TREDEGAR IND ; TREDEGAR IND INC
Inventor(s):(std):	RALEY G ; RALEY GARLAND E ; RALEY GARLAND EUGENE
Inventor(s):	RALEY GARLAND EUGENE TERRE HAUTE IND ; RALEY GARLAND EUGENE TERRE HAUTE IND US ; EUGENE RALEY GARLAND ; GARLAND EUGENE RALEY

International class (IPC 8–9):	B23P15/28 B26D7/26 B26F1/26 B29C33/00 B29C43/00 B29C45/00 B29C51/00 B29C51/10 B29C51/22 B29C59/04 B29C59/12 B44B5/02 F16C13/00 (Advanced/Invention); B23P15/28 B26F1/00 B29C33/00 B29C43/00 B29C45/00 B29C51/00 B29C51/10 B29C51/18 B29C59/00 B29C59/04 B44B5/00 F16C13/00 (Core/Invention)
International class (IPC 1–7):	A01J21/00 B26D7/26 B26F1/26 B29C15/00 B29C17/04 B29D7/22
CPC:	B23P15/28 B26F1/26 B29C59/04 B44B5/026 F16C13/00
European class:	B23P15/28 B26F1/26 B29C59/04 B44B5/02D F16C13/00
US class:	264/504 264/555 425/290 425/328 425/363 425/388
Classification Explorer	
Cited documents:	US4116594 A, US3814101 A, US3708647 A, US3546742 A, US3054148 A, FR2214061 A1, FR2197457 A7, DE1931526 A1, DE1207610 B,

0) US6337081B – RODENT REPELLENT SYSTEM

19) Family number: 16039969 (US6337081B) © PatBase

Title:	RODENT REPELLENT SYSTEM
Priority:	CA20002300458 20000308 US19990352180 19990712

Family:

Publication number	Publication date	Application number	Application date
CA2300458 AA	20010112	CA20002300458	20000308
US6337081 BA	20020108	US19990352180	19990712

Probable Assignee:	WARBERG KARI G
Assignee(s):(std):	WARBERG KARI G
Assignee(s):	EARTH KIND INC
Inventor(s):(std):	WARBERG KARI G
International class (IPC 8–9):	A01M13/00 A01M29/12 A01N25/00 A01N25/34 A01N61/00 (Advanced/Invention)
International class (IPC 1–7):	A01M13/00 A01N25/10 A01N25/34 A01N61/00
CPC:	Y10S514/92 A01M29/12 A01N25/004 A01N65/00 A01N25/34
European class:	A01M29/12 A01N25/00B2 A01N65/00
US class:	424/409 424/410 424/411 424/413 424/417 514/920
Classification Explorer	
Cited documents:	US5690964 A, US5364626 A, US5356881 A, US5183661 A, US4961929 A, US4853413 A,

0) DE4317778C1 – BAG, IN PARTICULAR FOR TOILETRIES BEUTEL, INSBE...

20) Family number: 29530991 (DE4317778C1) © PatBase

Title: Bag, in particular for toiletries

Priority: DE19930001896U 19930211 DE19934308741 19930319 DE19934317778 19930528

Family:

Publication number	Publication date	Application number	Application date
DE4317778 C1	19940811	DE19934317778	19930528
DE9301896 U1	19930513	DE19930001896U	19930211

Probable Assignee: HKW HOLDORFER KUNSTSTOFFWERK G

Assignee(s):(std)**:** HKW HOLDORFER KUNSTSTOFFWERK G

Assignee(s): HKW HOLDORFER KUNSTSTOFFWERK GMBH AND CO KG 2841 H ; HKW HOLDORFER KUNSTSTOFFWERK GMBH AND CO KG 2841 HOLDORF DE ; HKW HOLDORFER KUNSTSTOFFWERK GMBH AND CO KG 49451 ; HKW HOLDORFER KUNSTSTOFFWERK GMBH AND CO KG 49451 HOLDORF DE

Inventor(s):(std)**:** RENSINK ERIK ; SCHMIDT WILHELM D DIPL ING

Inventor(s): SCHMIDT WILHELM D DIPL ING 49201 DISSEN DE ; RENSINK ERIK HILVERSUM NL ; SCHMIDT WILHELM D

International class (IPC 8–9)**:** A45D44/00 B65D33/00 B65D33/36 (Advanced/Invention); A45D44/00 B65D33/00 B65D33/36 (Core/Invention)

International class (IPC 1–7)**:** A45C11/24 A45C11/26 A45D33/02 A45D44/00 B65D30/20 B65D30/22 B65D33/16 B65D33/24 B65D33/36

CPC: A45D44/00 B65D33/00

European class: A45D44/00 B65D33/00

Classification Explorer

Cited documents: DE3315027,

0) WO0222268A1 – METHOD FOR PRODUCING GRAIN SUBSTANCE, A SET OF ...

21) Family number: 20793281 (WO0222268A1) © PatBase

Title: METHOD FOR PRODUCING GRAIN SUBSTANCE, A SET OF EQUIPMENT FOR PRODUCING SAID SUBSTANCE AND GRAIN BREAKING MACHINE

Priority: RU20000122913 20000904 WO2000RU00360 20000908

Family:

Publication number	Publication date	Application number	Application date
AU200119045 A1	20020326	AU20010019045	20000908
AU200119045 A5	20020326	AU20010019045	20000908
AU2001219045 AA	20020326	AU20010219045	20000908
CA2445400 AA	20031022	CA20002445400	20000908
EP1468738 A1	20041020	EP20000981949	20000908
EP1468738 A4	20050810	EP20000981949	20000908
IN00942MN2003 A	20050218	IN2003MN00942	20031007
RU2177831 C1	20020110	RU20000122913	20000904
WO0222268 A1	20020321	WO2000RU00360	20000908

Probable Assignee: LEBENDIGES BROT GMBH

Assignee(s):(std)**:** ANTONOV VLADIMIR MIKHAILOVICH ; EVSTIGNEEV BORIS KONSTANTINOVI ; KALNISH GRIGORY IZESLAVOVICH ; KALNISH GRIGORIJ IZESLAVOVICH ; LEBENDIGES BROT GMBH

Assignee(s): EVSTIGNEEV BORIS KONSTANTINOVICH ; GRIGORY IZESLAVOVICH KALNISH

Inventor(s):(std)**:**

	ANTONOV VLADIMIR MIKHAILOVICH ; ANTONOV VM ; EVSTIGNEEV BK ; EVSTIGNEEV BORIS KONSTANTINOVI ; KALNISH GI ; KALNISH GRIGORY IZESLAVOVICH ; KALNISH G I ; EVSTIGNEEV B K ; ANTONOV V M
Inventor(s):	VLADIMIR MIKHAILOVICH ANTONOV ; EVSTIGNEEV BORIS KONSTANTINOVICH ; GRIGORY IZESLAVOVICH KALNISH ; BORIS KONSTANTINOVICH EVSTIGNEEV ; ANTONOV VLADIMIR MIKHAILOVICH AND OTHERS
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
International class (IPC 8–9):	A21B7/00 A21D13/00 A21D13/02 A21D13/08 A21D2/38 A23L1/10 A23L1/172 A23L1/185 A23L7/10 A23L7/152 A23L7/20 B02B1/00 B02B3/08 B02B5/02 B02C18/30 B02C18/36 B02C9/04 (Advanced/Invention); A21B7/00 (Advanced/Non–invention); A21D13/00 A21D2/00 A23L1/10 A23L1/172 A23L1/185 B02B1/00 B02B3/00 B02B5/00 B02C18/00 B02C9/00 (Core/Invention); A21B7/00 (Core/Non–invention)
International class (IPC 1–7):	A21B7/00 A21D13/00 A21D13/02 A21D13/08 A21D2/38 A23L1/10 A23L1/172 A23L1/185 B02B1/00 B02B3/08 B02B5/02 B02C18/30 B02C18/36 B02C9/04
CPC:	A23L7/152 A23L7/198 A23L7/20 B02C18/362 A21D2/38 B02B1/00 B02B3/08 B02B5/02 B02C9/04 B02C18/304
European class:	A21D13/00H A21D13/02 A21D13/08 A21D13/08F A21D2/38 A23L1/10M A23L1/172 A23L1/185 B02B1/00 B02B3/08 B02B5/02 B02C18/30B4 B02C18/36C B02C9/04
Classification Explorer	
Cited documents:	RU2101959 C1, RU2000699 C1, EP0788840 A1, EP0529843 A1, EP0346872 A2, EP0022989 A1,

0) US3291207A – WELL COMPLETION METHOD

22) Family number: 22523989 (US3291207A) © PatBase

Title:	WELL COMPLETION METHOD
Priority:	US19600076715 19601219

Family:

Publication number	Publication date	Application number	Application date
US3291207 A	19661213	US19600076715	19601219

Probable Assignee:	EXXON PRODUCTION RESEARCH CO
Assignee(s):(std):	EXXON PRODUCTION RESEARCH CO
Assignee(s):	ESSO PRODUCTION RESEARCH CO ; ESSO PRODUCTION RESEARCH COMPANY
Inventor(s):(std):	RIKE JAMES L
International class (IPC 8–9):	E21B43/119 (Advanced/Invention); E21B43/11 (Core/Invention)
International class (IPC 1–7):	E21B47/04
CPC:	E21B43/119
European class:	E21B43/119
US class:	166/254.2 166/255.1 175/4.51
Classification Explorer	
Cited documents:	US2998068 A, US2871946 A, US2842852 A, US2768684 A, US2710925 A, US2476137 A, US2476136 A, US2350832 A, US2320890 A, US2316361 A, US2228623 A, US2147544 A,

0) US2317895A – MEANS FOR AND METHOD OF MANUFACTURING MINERAL W...

23) Family number: 21212310 (US2317895A) © PatBase

Title: MEANS FOR AND METHOD OF MANUFACTURING MINERAL WOOL PRODUCTS BY THE "DRY" PROCESS

Priority: US19410381556 19410303

Family:

Publication number	Publication date	Application number	Application date
US2317895 A	19430427	US19410381556	19410303

Probable Assignee: AMERICAN ROCK WOOL CORP

Assignee(s):(std)**:** AMERICAN ROCK WOOL CORP

Inventor(s):(std)**:** DRILL DANIEL C

International class (IPC 8–9)**:** C03B37/06 (Advanced/Invention); C03B37/01 (Core/Invention)

International class (IPC 1–7)**:** C03B37/06

CPC: C03B37/06

European class: C03B37/06

US class: 19/303 19/305 264/115 264/121 65/464 65/526

Classification Explorer

- **search:** SS5 FT=((paper or sheet or material or web) and perforat+ and line+ and core) and PD<20140410 (Results 80)
- List: SS5 1–50 (FT=((paper or sheet or material or web) and perforat+ and line+ and core) and PD<20140410) (Results 80)

0) US4029757A – MANUFACTURE OF PHARMACEUTICAL UNIT DOSAGE FORMS...

1) Family number: 30153721 (US4029757A) © PatBase

Title: MANUFACTURE OF PHARMACEUTICAL UNIT DOSAGE FORMS

Priority:

BE19760849377	19761214	CA19760267803	19761214	IL19760051096	19761213
IL19790058049	19790815	CA19790334136	19790820	CA19760267860	19761214
NZ19760182871	19761213	NZ19790191300	19790814	US19750640608	19751215
US19750640609	19751215	US19750640611	19751215	US19750640612	19751215
US19750640651	19751215	US19750640610	19751215	US19770823295	19770810
US19780933709	19780815	US19770825746	19770818	US19790081710	19791004
US19780886967	19780315	US19760784006	19760404	US19770827284	19770824
US19790081759	19791004	US19770784006	19770404	US19780935274	19780821
US19750640652	19751215	US19750640653	19751215	US19750640654	19751215
US19750640655	19751215	US19750641068	19751215		

Family:

Publication number	Publication date	Application number	Application date
AT365449 B	19820111	AT19760009239	19761214
AT371708 B	19830725	AT19790005607	19790820
AT560779 A	19821215	AT19790005607	19790820
AT923976 A	19810615	AT19760009239	19761214
AU197620519 A1	19780622	AU19760020519	19761214
AU197949925 A1	19800228	AU19790049925	19790814
AU514195 B2	19810129	AU19760020519	19751214
AU521053 B2	19820311	AU19790049925	19790814
BE849377 A	19770614	BE19760173233	19761214
BE849377 A1	19770614	BE19760173233	19761214
BE878306 A4	19800220	BE19790196780	19790820
BE878306 R	19800220	BE19790196780	19790820
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Probable Assignee: HOFFMANN LA ROCHE

Assignee(s):(std)**:** F HOFFMANN LA ROCHE AND CIE S A ; F HOFFMANN LA ROCHE AND CO ; F HOFFMANN LA ROCHE AND CIE SA ; F HOFFMANN LA ROCHE AND CO TE B AG ; HOFFMANN LA ROCHE AND CO F AG ; HOFFMANN LA ROCHE F AND CO AG ; HOFFMANN LA ROCHE ET CIE SA ; HOFFMANN LA ROCHE LTD ; SPARMEDICA AG ; HOFFMANN LA ROCH CO F AG ; HOFFMANN LA ROCHE ; HAFFMANN LA ROCHE F AND CO A G ; STURZENEGGER A ; SPARAMEDICA AG ; A R MLODOZENIEC ; A STURZENEGGER

Assignee(s): ADAMS JIM M ; ARMLODOZENIEC ; HOFFMANN LA ROCHE AND CO AG F ; HOFFMANN LA ROCHE INC ; HOFFMAN LA ROCHE INC ; HOFFMANN LA ROCHE F AND CO A G ; HOFFMANN LA ROCHE LIMITED ; HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT F ; HOFFMANN LA ROCHE F ; HOFFMANN LA ROCHE AND CO F ; GOLDBERG ARTHUR H ; MLODOZENIEC ARTHUR R ; STURZENEGGER AUGUST ; LIPINSKY EDWARD S ; WILLIAMS JOSEPH J ; MLODZENIEC ARTHUR R ; REIF ROBERT B ; WHITE LAWRENCE S ; HAFFMANN LA ROCHE F AND CO AG ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT ; F HOFFMANN LA ROCHE AND CO A G ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT TE B ; F HOFFMANN LA ROCHE AND CO AKTIENGESELL SCHAFT TE ; F HOFFMANN LA ROCHE AND CO AG ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT TE BAZEL ZWITSERLAND ; F HOFFMANN LA ROCHE AND CO AKTIENGESELL SCHAFT TE BAZEL ZWITSERLAND ; FRANKLIN MICHAEL L ; GARDNER WILLIAM E ; F HOFFMANN LA ROCHE AND CO BASEL CH AG ; FHOFFMANN LA ROCHE AND CO AG ; F HOFFMANN LA ROCH CO AG ; EFU HOFUMAN RA ROSHU UNTO CO AG ; DABAL DENNIS J ; ASTURZENEGGER ; F HOFFMANN LA ROCHE AND CIE ; F HOFFMANN LA ROCHE AND CO AG BASEL CH ; F HOFFMANN LA ROCHE AND CO AG 4002 BASEL CH

Inventor(s):(std)**:** E S LIPINSKY ; J M ADAMS ; JJWILLIAMS ; JOSEFU JEEMUSU UIRIAMUSU ; MAIKERU REON FURANKURIN ; MICHAEL LEON FRANKLIN ; ROORENS ; W E GARDNER ; WILLIAM ELMORE GARDNER ; AUGUST STURZENEGGER ARTHUR ROMAN MLODOZENIEC EDWAR ; ARTHUR H GOLDBERG ; AHGOLDBERG ; A H GOLDBERG ; 2D J DABAL ; 10J J WILLIAMS ; WILLIAMS JOSEPH JAMES ; WILLIAMS JOSEPH J ; WILLIAMS J J ; WILLIAMS J ; WILLIAM JJ ; WHITE LS ; WHITE LAWRENCE SAMUEL ; WHITE LAWRENCE S ; WHITE L S ; WHITE L ; WEGARDNER ; UIRIAMU ERUMOA GAADONAA ; STURZENEGGER AUGUST ; STURZENEGGER A A ; STURZENEGGER A ; ROMAN MCLODOZENIEC ARTHUR ; ROBERT BRUCE REIF ; REIF ROBERT BRUCE ; REIF ROBERT B ; REIF ROBERT ; REIF RB ; REIF R B ; REIF R ; RBREIF ; R B REIF ; OOGASUTO SUTAATSUENEGAA ; MLODZENIEC ARTHUR R ; MLODOZENIEC ARTHUR ROMAN ; MLODOZENIEC ARTHUR R ; MLODOZENIEC AR ; MLODOZENIEC A R ; MLODOZENIEC A ; MCLODOZENIEC ARTHUR ROMAN ; M L FRANKLIN ; LSWHITE ; LIPINSKY ES ; LIPINSKY EDWARD SOLOMON ; LIPINSKY EDWARD S ; LIPINSKY E S ; LIPINSKY E ; LIPINSKI E S ; LAWRENCE SAMUEL WHITE ; L S WHITE ; KLODOZENIEC A ; JOSEPH JAMES WILLIAMS ; JOSEPH JAMES WILLIAM ; JIYOSEFU JIEEMUSU UIRIAMUSU ; JIMU MIRUZU ADAMUSU ; JIM MILLS ADAMS ; GOLDBERG ARTHUR H ; GOLDBERG AH ; GOLDBERG A H ; GOLDBERG A ; GARDNER WILLIAM ELMORE ; GARDNER WILLIAM E ; GARDNER WE ; GARDNER W E ; GARDNER W ; FRANKLIN M L ; FRANKLIN M ; ESLIPINSKI ; EDWARD SOLOMON LIPINSKY ; EDOWAADO SOROMON RIPINSUKII ; DJDABAL ; DENNIS JOSEPH DABAL ; DENISU JOSEFU DABARU ; DENISU JIYOSEFU DABARU ; DABAL DJ ; ADAMS JIM MILLS ; ADAMS JIM M ; ADAMS J M ; ADAMS J ; AASAA ROMAN MURODOZENIIKU ; AASAA EICHI GOORUDOBAAGU ; A R MLODOZENIEC ; A A STURZENEGGER ; 9L S WHITE ; 8A A STURZENEGGER ; 7R B REIF ; 6A R MLODOZENIEC ; 5E S LIPINSKY ; 4A H GOLDBERG ; 3W E GARDNER ; 1J M ADAMS ; WILLIAM JOSEPH JAMES ; DABAL DENNIS JOSEPH ; DABAL DENNIS J ; DABAL D J ; DABAL D ; D J DABAL ; HABAL DENNIS J ; AUGUST STURZENEGGER ; ARTHUR ROMAN MLODOZENIEC ; ARTHUR ROMAN MCLODOZENIEC ; ADAMS JM ; FRANKLIN MICHAEL LEON ; FRANKLIN MICHAEL L

Inventor(s): E S LIPINSKI ; FRANKLIN MICHAEL LEON PARSIPPANY NJ ; FRANKLIN MICHAEL LEON PARSIPPANY N J ; 9 L S WHITE ; 8 A A STURZENEGGER ; 7 R B REIF ; 6 A R MLODOZENIEC ; 5 E S LIPINSKY ; 4 A H GOLDBERG ; 3 W E GARDNER ; 2 D J

DABAL ; 10 J J WILLIAMS ; 1 J M ADAMS ; J J WILLIAMS ; ADAMS JIM MILLS WEST CALDWELL N J US ; ADAMS JIM MILLS WEST CALDWELL N J ; ARTHUR ROMAN MIODOZENIEC ; H GOLDBERG ARTHUR ; GOLDBERG ARTHUR H MONTCLAIR N J US ; BRUCE REIF ROBERT ; AUGUST STURZENEGGER ARTHUR ROMAN MLODOZENIEC EDWARD SOLOMON LIPINSKY ARTHUR H GOLDBERG WILLIAM ELMORE GARDNER DENNIS JOSEPH DABAL JOSEPH JAMES WILLIAMS JIM MILLS ADAMS LAWRENCE SAMUEL WHITE ROBERT BRUCE REIF ; STURZENEGGER A MLODOZENIEC AR LIPINSKY ES GOLDBERG AH GARDNER WE BADAL D J WILLIAMS J J ADAMS J M WHITE L S AND REIF R B ; DABAL DENNIS JOSEPH WHIPPANY N J US ; DABAL DENNIS JOSEPH WHIPPANY N J ; ELMORE GARDNER WILLIAM ; FRANKLIN MICHAEL LEON PARSIPPANY N J US ; GARDNER WILLIAM ELMORE WYCKOFF N J US ; GARDNER WILLIAM ELMORE WYCKOFF N J ; JAMES WILLIAMS JOSEPH ; JOSEPH DABAL DENNIS ; LEON FRANKLIN MICHAEL ; LIPINSKY EDWARD SOLOMON COLUMBUS OHIO US ; MILLS ADAMS JIM ; MLODOZENIEC ARTHUR ROMAN MONTCLAIR N J US ; MLODOZENIEC ARTHUR ROMAN MONTCLAIR N J ; RO ; REIF ROBERT BRUCE GROVE CITY OHIO US ; SOLOMON LIPINSKY EDWARD ; SAMUEL WHITE LAWRENCE ; ROMAN MLODOZENIEC ARTHUR ; STURZENEGGER AUGUST ESSEX FALLS N J US ; STURZENEGGER AUGUST ESSEX FALLS N J ; WHITE LAWRENCE SAMUEL RAMSEY N J US ; WHITE LAWRENCE SAMUEL RAMSEY N J

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International class (IPC 1–7): A61F A61J3/00 A61J3/06 A61J3/07 A61J3/10 A61K31/44 A61K47/00 A61K9/00 A61K9/10 A61K9/14 A61K9/18 A61K9/20 A61K9/22 A61K9/24 A61K9/44 A61K9/70 A61M31/00 B31C11/06 B31C13/00 B31F1/00 B32B31/06 B32B31/08 B32B31/18 B32B33/00 B65B57/00 B65B9/06 B65H81/00 D21H5/14

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0) US4831926A – PROCESSING PAPER AND OTHER WEBS

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Probable Assignee: M AND A THOMSON LITHO LTD

Assignee(s):(std)**:** DRG UK LTD ; DRG LTD ; DRG UK GB LTD ; STRACHAN HENSHAW MACHINERY LTD ; STRACHAN HENSHAW MACHINERY LIM ; STRACHAN HENSHAW MACHINERY LIMITED ; STRACHAN AND HENSHAW MACHINERY ; STRACHAN KHENSHOU MASHINERI LTD

Assignee(s): STRACHAN KHENSHOU MASHINERI LIMITED ; STRACHAN HENSHAW MACHINERY A CORP OF UNITED KINGDO ; RIPPER JONATHAN HEATH ; STRACHAN HENSAWN MACHINERY LTD ; SUTOREICHIYAN HENSHIYAU MACH LTD ; SUTOREICHAN HENSHAU MASHIINARII LTD ; STRACHAN HENSHAW MACHINERY LTD BRISTOL GB ; DRG UK LIMITED ; DRG UK LIMITED GB ; DRG PLC ; DRG UK A CO OF GREAT BRITAIN AND NORTHERN IRELAND ; MASLIN ROGER FREDERICK ; M AND A THOMSON LITHO LTD ; GODDEN DAVID ; DRG LTD BRISTOL AVON GB ; DRG UK LTD BRISTOL AVON GB ; BOWMAN KENNETH ALBERT ; DRG ; DRG (UK) A CO OF GREAT BRITAIN AND NORTHERN IRELAN ; DRG GB LTD

Inventor(s):(std)**:** AL KENNETH ALBERT BOWMAN ET ; ALBERT BOWMAN KENNETH ; BOWAN KENNETH ALBERT ; BOWMAN KENNETH A ; BOWMAN KENNETH ALBERT ; DAVID GODDEN ; DEIBITSUDO GADEN ; FREDERICK MASLIN ROGER ; GODDEN DAVID ; HEATH RIPPER JONATHAN ; JIYONASAN HIISU RITSUPAA ; JONATHAN HEATH RIPPER ; KENESU ARUBAATO BOUMAN ; KENNETH ALBERT BOWAN ; KENNETH ALBERT BOWMAN ; KENNETH ALBERT BOWMAN ET AL ; MASLIN ROGER F ; MASLIN ROGER FREDERICK ; ROGER FREDERICK MASLIN ; ROJIYAA FUREDERITSUKU MASURIN ; GODDEN DAVID GB ; DZHONATAN KHIS RAJPPER ; DZHONATAN KHIS RAJPER ; DEVID GODDEN ; DEHVID GODDEN ; BAUMAN KENNETH ALBERT ; RODZHER FREDERIK MASLIN ; KENNET ALBERT BAUMEN ; KENNET AL BERT BAUMEHN ; RIPPER JONATHAN H ; RIPPER JONATHAN HEATH

Inventor(s): RIPPER JONATHAN HEATH WESTON BATH GB ; KENESU ARUBAATO BOMAN ; JONASAN HIISU RITSUPAA ; RIPPER JONATHAN HEATH WESTON BATH BA1 4AA GB ; RIPPER JONATHAN H GB ; MASLIN ROGER FREDERICK DOWNEND BRISTOL BS16 2RY GB ; MASLIN ROGER F GB ; GODDEN DAVID PILL BRISTOL BS20 OLF GB ; BOWMAN KENNETH ALBERT HANHAM BRISTOL BS15 3RJ GB ; BOWMAN

KENNETH A GB ; GODDEN DAVID PILL BRISTOL BS20 0LF GB ; ROJAA FUREDERITSUKU MASURIN ; MASLIN ROGER FREDERICK DOWNEND BRISTOL GB ; GODDEN DAVID PILL BRISTOL GB ; BOWMAN KENNETH ALBERT HANHAM BRISTOL GB

Designated states: AT BE CH DE ES FR GB IT LI NL SE

International class (IPC 8–9): B41F11/00 B41F13/00 B41F13/24 B41F13/28 B41F13/32 B41F13/44 B41F13/54 B41F13/56 B41F13/58 B41F13/60 B41F27/12 B41F31/02 B41F31/30 B41F31/32 B41F5/06 B41F5/08 B41F7/02 B41F7/12 B41F7/40 B65H16/00 B65H19/10 B65H19/12 B65H19/18 B65H21/00 B65H45/12 B65H45/14 B65H45/16 B65H45/18 B65H45/28 (Advanced/Invention); B41F11/00 B65H19/10 B65H45/16 B65H45/28 (Advanced/Non–invention)

International class (IPC 1–7): B41F11/00 B41F13/00 B41F13/02 B41F13/24 B41F13/44 B41F13/54 B41F13/56 B41F13/58 B41F13/60 B41F17/00 B41F21/00 B41F23/00 B41F3/00 B41F3/02 B41F31/00 B41F31/30 B41F31/32 B41F7/02 B41F7/12 B41F7/40 B41F9/02 B41M1/00 B65H1/00 B65H16/00 B65H19/10 B65H19/12 B65H19/18 B65H19/30 B65H20/00 B65H21/00 B65H23/04 B65H35/06 B65H45/04 B65H45/14 B65H45/16 B65H45/18 B65H45/22 B65H45/28 B65H5/00

CPC: B41F7/12 B41F13/0024 B41F13/24 B41F13/28 B41F13/32 B41F13/44 B41F13/54 B41F27/1268 B41F31/02 B41F31/30 B41F31/302 B41P2217/13 B65H19/12 B65H19/1852 B65H19/1863 B65H45/12 B65H2301/46172 B65H2301/4633 B65H2301/4641 B65H2801/03

European class: B41F13/00D B41F13/24 B41F13/28 B41F13/32 B41F13/44 B41F13/54 B41F27/12D2 B41F31/02 B41F31/30 B41F31/30C B41F7/12 B65H19/12 B65H19/18D4 B65H19/18F2 B65H45/12 L41P217/130 L65H301/46172 L65H301/4633 L65H301/4641 L65H346/330 L65H801/03

US class: 101/138 101/152 101/181 101/247 101/352.04

Classification Explorer

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0) US4723724A – WEB WINDING MACHINE AND METHOD

3) Family number: 29452077 (US4723724A) © PatBase

Title: Web winding machine and method

Priority:

CA19860506523	19860411	CA19860616335	19860411	CA19865065232	19860411
EP19860105291	19860416	EP19860105290	19860416	US19850724180	19850417
US19870138661	19871228	US19890327721	19890323	US19860845187	19860401

Family:

Publication number	Publication date	Application number	Application date
AT47579 E	19891115	AT19860105290T	19860416
AT47580 E	19891115	AT19860105291T	19860416
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AU582640 B2	19890406	AU19860056084	19860414
BRPI8601740 A	19861223	BR1986PI01740	19860417
BRPI8601741 A	19861223	BR1986PI01741	19860417
BRPI8601742 A	19861223	BR1986PI01742	19860417
CA1307512 A1	19920915	CA19860506523	19860411
CA1322357 A1	19930921	CA19860616335	19860411
CA1322357 A2	19930921	CA19920616335	19920319
DE0198495 T1	19870205	DE19860105289T	19860416
DE0199285 T1	19870205	DE19860105290T	19860416
DE0199286 T1	19870205	DE19860105291T	19860416
DE3666575 D1	19891130	DE19863666575	19860416
DE3666576 D1	19891130	DE19863666576	19860416
EP0198495 A2	19861022	EP19860105289	19860416
EP0198495 A3	19880330	EP19860105289	19860416
EP0199285 A2	19861029	EP19860105290	19860416
EP0199285 A3	19880323	EP19860105290	19860416
EP0199285 B1	19891025	EP19860105290	19860416
EP0199286 A2	19861029	EP19860105291	19860416
EP0199286 A3	19880330	EP19860105291	19860416
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JP5039150 A2	19930219	JP19920010288	19920123
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US4856725 A	19890815	US19870138661	19871228
US4962897 A	19901016	US19890327721	19890323

Probable Assignee: PAPER CONVERTING MACHINE CO

Assignee(s):(std)**:** PAPER CONVERTING MACHINE COMPANY ; PAPER CONVERTING MACHINE CO

Assignee(s): PAPER CONVERTING MACHINE ; PAPER CONVERTING MACHINE CO GREENBAY WIS US ; PAPER CONVERTING MACHINE CO INC GREEN BAY WIS US ; PAPER CONVERTING MACHINE CO A CORP OF WISCONSIN ; BRADLEY JOHN J ; BRADLEY JOHN JUNIUS ; PAPER CONVERTING MACH CO ; PAPER CONVERTING MACH CO INC

Inventor(s):(std)**:** BRADLEY JOHN J ; BRADLEY JOHN JUNIUS ; JIYON JIEI BURATSUDOREE ; JOHN J BRADLEY

Inventor(s): BRADLEY JOHN J GREEN BAY WI 54301 US ; JON JEI BURATSUDOREE ; JOHN JUNIUS BRADLEY

Designated states: AT BE DE FR GB IT SE

International class (IPC 8–9)**:** B65H18/22 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H67/00 (Advanced/Invention); B65H19/22 B65H19/28 B65H19/30 B65H67/00 (Core/Invention)

International class (IPC 1–7)**:** B65H18/00 B65H18/16 B65H18/20 B65H18/22 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H20/02 B65H67/00 B65H75/28

CPC: B65H19/2253 B65H19/2269 B65H19/283 B65H19/305 B65H2301/41814 B65H2301/4607

European class: B65H19/22B4 B65H19/22B6 B65H19/28A L65H301/41814 L65H301/4607

US class: 242/521 242/532.3 242/532.4 242/533.2 242/541.3 242/56R 242/66 242/67.1R 242/74 414/797.4

Classification Explorer

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0) US2002093431A – METHOD AND APPARATUS FOR DETERMINING POSITION I...

4) Family number: 30115358 (US2002093431A) © PatBase

Title: METHOD AND APPARATUS FOR DETERMINING POSITION IN A PIPE

Priority:

EP20000917744	20000303	EP20000920146	20000404	EP20010941647	20010525
US20000586648	20000601	US19990300056	19990427	US20000656720	20000907
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US20020323536	20021218	US20040887366	20040706	US20080173693	20080715
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Family:

Publication number	Publication date	Application number	Application date
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US6333699 BA	20011225	US19990286650	19990406
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US6759968 BB	20040706	US20010032114	20011221
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WO0060780 A1	20001012	WO2000US09012	20000404
WO0065195 A1	20001102	WO2000US05774	20000303
WO0192675 A2	20011206	WO2001US17152	20010525
WO0192675 A3	20020606	WO2001US17152	20010525
WO0220939 A1	20020314	WO2001US28115	20010907

Probable Assignee: WEATHERFORD TECHNOLOGY HOLDINGS LLC

Assignee(s):(std)**:** MARATHON OIL COMPANY ; ZIEROLF JOSEPH A ; SNIDER PHILIP M ; WILLIAMS ELDON G ; ZIEROLF JOSEPH ; MARATHAN OIL CO ; MARATHAN OIL COMPANY ; MARATHON OIL CO

Assignee(s): MARATHON OIL CO HOUSTON ; GEODYNAMICS INC ; IN DEPTH INC ; WILLILAMS ELDON G JR ; WEATHERFORD TECHNOLOGY HOLDINGS LLC

Inventor(s):(std)**:** JOSEPH A ZIEROLF ; JOSEPH ZIEROLF ; SHNAJDER FILIP M ; WILLIAMS ELDON ; WILLIAMS ELDON G ; WILLIAMS ELDON G JR ; WILLIAMS ELDON JR ; WILLIAMS JR EIDON G ; WILLIAMS JR ELDON ; WILLIAMS JR ELDON G ; SNAJDER FILIP ; SNIDER PHILIP ; SNIDER PHILIP M ; SNIDER PHILIP M ZIEROLF JOSEPH ; VILLILAMZ

EHLDON DZHR ; WILLILAMS ELDON G ; WILLILAMS ELDON G JR ; WILLILAMS ELDON JR ; ZIEROLF JOSEPH ; ZIEROLF JOSEPH A ; ZIROLF DZHOZEF A

Inventor(s): ZIEROLF JOSEPH HOUMA ; ELDON G WILLIAMS JR ; ELDON WILLILAMS JR ; PHILIP M SNIDER ; PHILIP SNIDER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): E21B17/00 E21B19/16 E21B23/00 E21B23/14 E21B29/00 E21B29/02 E21B33/00 E21B34/14 E21B41/00 E21B43/11 E21B43/116 E21B43/117 E21B43/1185 E21B43/119 E21B43/263 E21B47/00 E21B47/01 E21B47/026 E21B47/04 E21B47/09 E21B47/12 E21B47/14 E21B49/00 F16L55/00 G01V15/00 G01V3/00 G01V3/08 G01V3/12 G01V3/30 G06Q20/36 H04H20/00 H04H9/00 (Advanced/Invention);
E21B23/00 G01V15/00 (Advanced/Non–invention);
E21B17/00 E21B19/00 E21B23/00 E21B29/00 E21B34/00 E21B41/00 E21B43/11 E21B43/25 E21B47/00 E21B47/12 G01V1/46 G01V3/00 G01V3/18 G01V3/30 (Core/Invention)

International class (IPC 1–7): E21B0/00 E21B029/02 E21B043/11 E21B17/00 E21B23/00 E21B29/00 E21B29/02 E21B34/14 E21B41/00 E21B43/00 E21B43/11 E21B43/117 E21B43/1185 E21B43/119 E21B43/263 E21B44/00 E21B47/00 E21B47/026 E21B47/04 E21B47/09 E21B47/12 E21B49/00 G01S13/74 G01V1/46 G01V15/00 G01V3/00 G06F17/60 H04H9/00 H04K1/00 H04L9/00

CPC: E21B43/1185 E21B43/117 E21B43/11852 E21B43/119 E21B47/121 E21B47/14 E21B17/006 E21B47/04 E21B23/00 E21B34/14 E21B41/00 E21B47/00 E21B47/09 E21B2023/008 E21B47/0905 G01V15/00 G06Q20/367 G01V3/30

European class: E21B17/00M E21B23/00 E21B34/14 E21B41/00 E21B43/117 E21B43/1185 E21B43/1185B E21B43/119 E21B47/00 E21B47/04 E21B47/09 E21B47/09B E21B47/12E E21B47/14 G01V15/00 G01V3/30 G06Q20/367 P21B23/00T

US class: 1/1 138/104 166/250.01 166/254.2 166/255.1 166/255.100P 166/297 166/298 166/313 166/373 166/380 166/55 166/55.1 166/64 166/64S 166/65.1 175/4.51 175/4.52 34/24.2 340/13.26 340/539.1 340/539.26 340/572.1 340/572.7 340/825.72 340/853.1 340/853.3 340/854.1 340/854.100P 340/854.5 340/854.6 340/854.600P 340/854.8 340/854.9 340/854.900S 342/42 705/65

Classification Explorer

Cited documents: WO20111130176 A1, WO20091114356 A1, WO20061101618 A2, WO11130176 A1, WO09114356 A1, WO06101618 A2, WO0173423 A1, WO0118357 A2, WO0060780 A1, WO0045195, US8850899 BB, US8091775 BB, US8044820 BB, US8001858 BB, US7714741 BB, US7688210 BB, US7677439 BB, US7400263 BB, US7283061 BA, US7268688 BB, US7159654 BB, US7063148 BB, US7014100 BB, US6989764 BB, US6943697 BB, US6915848 BB, US6822579 BB, US6788263 BB, US6766703 BA, US6761219 BB, US6759968 BB, US6717501 BB, US6670880 BA, US6614229 BA, US6597175 BA, US6588505 BB, US6577244 BA, US6575237 BB, US6538576 BA, US6536524 BA, US6531871 BA, US6515919 BA, US6497280 BB, US6481505 BB, US6476609 BA, US6450258 BB, US6443228 BA, US6429653 BA, US6426917 BA, US6386288, US6366089 BA, US6359569 BB, US6343649 BA, US6333700 BA, US6333699 BA, US6324904 BA, US6288685 BA, US6288548 BA, US6257338 BA, US6253842 BA, US6249258 BA, US6243041 BA, US6237688 BA, US62376, US6189621 BA, US6184685 BA, US6181138 BA, US6181138 B1, US6176318 BA, US6176318 B1, US6158532 A, US6151961 A, US6135206 A, US6130602 A, US6125934 A, US6105688 A, US6097301 A, US6085805 A, US6081729 A, US6078259 A, US6070662 A, US6025780 A, US6018501 A, US5995449 A, US5991602 A, US5955666 A, US5939885 A, US5931239 A, US5923167 A, US5911277 A, US5877996 A, US58664800, US5864323 A, US5836406 A, US5829538 A, US5720345 A, US5706896 A, US5704426 A, US5682143 A, US5682099 A, US5680905 A, US5680459 A, US5660232 A, US5654693 A, US5632348 A, US5629623 A, US5626192 A, US5621647 A, US5608199 A, US5530358 A, US5505134 A, US5497140 A, US5495237 A, US5479860 A, US5467823 A, US5467083 A, US5457447 A, US5394141 A, US5361838 A, US5355957 A, US5354956 A, US5320387 A, US5310000 A, US53100, US5279366 A, US5230387 A, US5206680 A, US5202680 A, US5191936 A, US5182939 A, US5160925 A, US5142128 A, US5130705 A, US5105742 A, US5047632 A, US5029644 A, US4977961 A, US4939644 A, US4886126 A, US4837515 A, US4827395 A, US4808925 A, US4752293 A, US4698631 A, US4656944 A, US4656463 A, US4630044 A, US4622463 A, US4606409 A, US4599182 A, US4572293 A, US4535430 A, US4372378 A, US4271925 A, US4166216 A, US4166215 A, US4119146 A, US4096477 A, US4023167 A, US3914732 A, US3706094 A, US3684008 A, US3468386 A, US3426850 A, US3426849 A, US3229228, US3227228 A, US3097693 A, US2544569 A, US2259564 A,

US2011252878 AA, US2010219980 AA, US2010193184 AA, US2010171593 AA, US2010013664 AA, US2009223670 AA, US2009223663 AA, US2008271887 AA, US2006175404 AA, US2005237200 AA, US2005115708 AA, US2004239521 AA, US2004211567 AA, US2003098157 AA, US2003090390 AA, US2003058125 AA, US2002158120 AA, US2002133942 AA, US2002093431 AA, US2002014966 AA, US2002007949 AA, US2001054969 AA, US2001043146 AA, US2001042617 AA, US2001013411 AA, US2001013410 AA, US20010054, US20010043, US20010042, US20010013, US09828498, SU1657627 T, FR1033631 A, EP1152262 A1, EP0999341 A2, EP0819829 A2, EP0730083 A2, EP0656460 A2, EP0651132 B1, EP0651132 A2, EP0601811 A2, EP0412535 B1, EP0412535 A1, EP0412353 B1, EP0412353 A2, EP0013494 A1, CA2173699 AA, AU4072800 A1,

0) US5368252A – APPARATUS AND METHOD FOR WINDING ROLLS OF WEB M...

5) Family number: 8939093 (US5368252A) © PatBase

Title: Apparatus and method for winding rolls of web material with severing of web by roll acceleration

Priority: EP19920830387 19920716 IT1991FI00178 19910715 IT1991FI00178 19910716

Family:

Publication number	Publication date	Application number	Application date
AT103260 E	19940415	AT19920830387T	19920716
BRPI9202652 A	19930316	BR1992PI02652	19920713
CA2073607 AA	19930117	CA19922073607	19920710
CA2073607 C	19970923	CA19922073607	19920710
DE69200075 D1	19940428	DE19926000075	19920716
DE69200075 T2	19940825	DE19926000075T	19920716
EP0524158 A1	19930120	EP19920830387	19920716
EP0524158 B1	19940323	EP19920830387	19920716
ES2054528 T3	19940801	ES19920830387T	19920716
IL102457 A1	19951127	IL19920102457	19920709
IT1240907 B	19931221	IT1991FI00178	19910716
ITFI910178 A0	19910716	IT1991FI00178	19910716
ITFI910178 A1	19930117	IT1991FI00178	19910716
JP3341301 B2	20021105	JP19920166084	19920624
JP5278909 A2	19931026	JP19920166084	19920624
KR950002516 B1	19950321	KR19920012584	19920715
US5368252 A	19941129	US19920911005	19920709

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** FABIO PERINI S A ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI S P A LUCCA IT ; FABIO PERINI SPA

Inventor(s):(std)**:** BIAGILTTI GUGLIELMO ; BIAGIOTTI GUGLIELMO

Inventor(s): BIAGIOTTI GUGLIELMO I 55012 CAPANNORI LUCCA IT ; GUGLIELMO BIAGIOTTI

Designated states: AT DE ES GB GR NL

International class (IPC 8–9): B65H18/00 B65H19/22 B65H19/26 B65H19/28 B65H19/30 (Advanced/Invention); B65H18/00 B65H19/22 B65H19/28 B65H19/30 (Core/Invention); B65B B65H (Subclass/Invention)

International class (IPC 1–7): B65H18/00 B65H18/16 B65H19/22 B65H19/26 B65H19/28 B65H19/30

CPC: B65H19/2269 B65H19/283 B65H2301/4172 B65H2301/41812 B65H2301/41826 B65H2408/235

European class:	B65H19/22B6 B65H19/28A L65H301/4172 L65H301/41812 L65H301/41826 L65H408/235
US class:	242/521 242/526.1 242/542.1 242/542.2
Classification Explorer	
Cited documents:	US5137225 A, US4828195 A, US4783015 A, JP58047745, JP3046952, GB934619 A, GB2105688 A1, GB1435525 A,

0) US2671346A – MEASURING AND RECORDING VARIOUS WELL DRILLING O...

6) Family number: 21545871 (US2671346A) © PatBase

Title:	MEASURING AND RECORDING VARIOUS WELL DRILLING OPERATIONS
Priority:	US19460672752 19460528

Family:

Publication number	Publication date	Application number	Application date
US2671346 A	19540309	US19460672752	19460528

Probable Assignee:	BANNING JR THOMAS A
Assignee(s):(std)	BANNING JR THOMAS A
Inventor(s):(std)	BANNING JR THOMAS A
Inventor(s):	JR THOMAS A BANNING
International class (IPC 8–9):	E21B47/04 (Advanced/Invention); E21B47/04 (Core/Invention)
International class (IPC 1–7):	E21B47/04 G01D21/00
CPC:	E21B47/04
European class:	E21B47/04
US class:	101/93.26 173/21 200/35R 200/85R 242/372 346/140.1 346/49 73/152.44
Classification Explorer	
Cited documents:	US730066 A, US606157 A, US2540241 A, US2539758 A, US2494092 A, US2390178 A, US2388700 A, US2365014 A, US2357051 A, US2330752 A, US2329733 A, US2326219 A, US2322478 A, US2287819 A, US2222551 A, US2209721 A, US2168629 A, US2166212 A, US2137550 A, US2096995 A, US2005108 A, US1780758 A,

0) US5514105A – RESILIENT PLASTIC WEB EXHIBITING REDUCED SKIN C...

7) Family number: 34574919 (US5514105A) © PatBase

Title:	RESILIENT PLASTIC WEB EXHIBITING REDUCED SKIN CONTACT AREA AND ENHANCED FLUID TRANSFER PROPERTIES
Priority:	US19920817016 19920103 US19930146675 19931101 US19950412634 19950329 WO1992US11153 19921221

Family:

Publication number	Publication date	Application number	Application date
AT134130 E	19960215	AT19920902708T	19921221
AU199334182 A1	19930728	AU19930034182	19921221
AU673511 B2	19961114	AU19930034182	19921221
BRPI9207021 A	19951205	BR1992PI07021	19921221
CA2126067 A1	19930708	CA19922126067	19921221
CA2126067 AA	19940616	CA19922126067	19921221
CA2126067 C	19980901	CA19922126067	19921221
CN1037930 C	19980408	CN19931001188	19930102
CN1068479 C	20010711	CN19941006529	19940610
CN1075178 A	19930811	CN19931001188	19930102
CN1121663 A	19960501	CN19941006529	19921230
CN1121663 A	19960501	CN19941006529	19940610
DE69208373 D1	19960328	DE19926008373	19921221
DE69208373 T2	19960912	DE19926008373T	19921221
DK0619727 T3	19960311	DK19920902708T	19921221
EG19757 A	19960131	EG19920000809	19921229
EP0619727 A1	19941019	EP19930902708	19921221
EP0619727 B1	19960214	EP19930902708	19921221
ES2083278 T3	19960401	ES19930902708T	19921221
GR3019003 T3	19960531	GR19960400304T	19960215
HK1006139 A1	19990212	HK19980105305	19980615
JP3461826 B2	20031027	JP19930511861T	19921221
JP7502444 T2	19950316	JP19930511861T	19921221
KR100249603 B1	20000315	KR19940702300	19940702
KR19947003646 A	19941212	KR19947002300	19921221
MX9207650 A1	19940531	MX19920007650	19921230
SA314 B1	20050504	SA19930130485	19930425
SG59983 A1	19990222	SG19960008193	19921221
TH10201 B	20010302	TH19921001962	19921229
TH17181 A	19951214	TH19921001962	19921229
US5514105 A	19960507	US19950412634	19950329
WO9312749 A1	19930708	WO1992US11153	19921221

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; MOTOROLA INC

Assignee(s): PROCTER AND GAMBLE CO THE ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; GERTH DONALD LEROY ; GOODMAN WILLIAM HARRY JR ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** GERTH DONALD L ; GERTH D L ; GERTH DONALD ; GOODMAN JR WILLIAM H ; GERTH DONALD LEROY ; GOODMAN W H JR ; GOODMAN JR ; GOODMAN WILLIAM ; GOODMAN WILLIAM H ; GOODMAN WILLIAM HARRY JR ; ZHONGHE WANG ; HARRY WILLIAM ; WANG ZHONGHE ; GOODMAN WILLIAM HARRY ; LEROY GERTH DONALD ; GOODMAN WILLIAM H JR ; GRTH DONALD AL

Inventor(s): W H GOODMAN JR ; WILLIAM HARRY ; GOODMAN WILLIAM HARRY JR CINCINNATI OH 45209 US ; Jr.Gerth ; WILLIAM H GOODMAN JR ; WILLIAM HARRY GOODMAN ; WILLIAM HARRY GOODMAN JR ; Goodman ; GERTH DONALD LEROY CINCINNATI OH 45245 US ; DONALD LEROY GERTH ; D L GERTH ; Donald Leroy

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR LI LK LU MC MG ML MN MR MW NL NO NZ PL PT RO RU SD SE SN TD TG UA

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/511 B29C51/00 B32B3/12 B32B5/18 (Advanced/Invention); B32B3/12 B32B5/18 (Advanced/Non–invention); A61F13/15 B29C51/00 B32B3/12 B32B5/18 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/46 A61F13/49 A61F13/511 A61F13/54 B29C51/22 B32B3/12 B32B5/18 D03D1/00 D03D7/00 D06H3/12 H04B7/00

CPC: Y10T428/24322 A61F13/5116 A61F13/5123 B29C51/00 A61F13/51 A61F2013/51088 A61F2013/51338 B29C2793/0045

European class: A61F13/512 B29C51/00 K61F13/15H11 K61F13/51 K61F13/512C K61F13/512E K61F13/513E K61F13/513G K61F13/513G5 K61F13/513H K61F13/51P4 L29C793/00E

US class: 428/137 604/358 604/366 604/370 604/385.1

Classification Explorer

Cited documents: USRE29524 E, USRE23910 E, US691804 A, US5368910 A, US5342334 A, US4859519 A, US4846821 A, US4839216 A, US4778644 A, US4772444 A, US4747991 A, US4695422 A, US4681793 A, US4637819 A, US4629643 A, US4609518 A, US4591523 A, US4535020 A, US4463045 A, US4395215 A, US4342314 A, US4323069 A, US4276338 A, US4151240 A, US4133310 A, US4077410 A, US4041951 A, US4038040 A, US3989867 A, US3979494 A, US3967623 A, US3957414 A, US3952745 A, US3945386 A, US3929135 A, US3844027 A, US3814101 A, US3703897 A, US3674221 A, US3560601 A, US3485705 A, US3390447 A, US3312583 A, US3174837 A, US3123446 A, US3054148 A, US2926490 A, US2857657 A, US2820985 A, US2816025 A, US2809392 A, US2776451 A, US2166366 A, GB2014903 A1, GB2014508 A1,

0) US6506873B – DEGRADABLE POLYMER FIBERS; PREPARATION PRODUCT;...

8) Family number: 20662579 (US6506873B)

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Title: DEGRADABLE POLYMER FIBERS; PREPARATION PRODUCT; AND, METHODS OF USE

Priority: US19970850319 19970502 US19980072326 19980504 WO1998US08417 19980504

Family:

Publication number	Publication date	Application number	Application date
AT277208 E	20041015	AT19980919914T	19980504
AU199872596 A1	19981127	AU19980072596	19980504
AU742248 B2	20011220	AU19980072596	19980504
BRPI9815471 A	20020213	BR1998PI15471	19980504
BRPI9815471 B1	20090113	BR1998PI15471	19980504
CA2287952 AA	19991029	CA19982287952	19980504
CA2287952 C	20061128	CA19982287952	19980504
CN1172037 C	20041020	CN19988005737	19980504
CN1259176 A	20000705	CN19988005737	19980504
DE69826457 D1	20041028	DE19986026457	19980504
DE69826457 T2	20051013	DE19986026457T	19980504
DK0977912 T3	20050207	DK19980919914T	19980504
EP0977912 A1	20000209	EP19980919914	19980504
EP0977912 B1	20040922	EP19980919914	19980504
ES2230689 T3	20050501	ES19980919914T	19980504
HK1025607 A1	20050324	HK20000104935	20000808
JP2001522412 T2	20011113	JP19980538953T	19980504
JP4093595 B2	20080604	JP19980538953T	19980504
KR100504214 B1	20050728	KR19997010147	19980504
KR20010012198 A	20010215	KR19997010147	19980504
NO315906 B1	20031110	NO19990005357	19991102

NO995357 A	20000103	NO19990005357	19991102
NO995357 A0	19991102	NO19990005357	19991102
NZ501274 A	20010629	NZ19980501274	19980504
PT977912 T	20050228	PT19980919914T	19980504
US6506873 BA	20030114	US19980072326	19980504
WO9850611 A1	19981112	WO1998US08417	19980504

Probable Assignee: CARGILL INC

Assignee(s):(std)**:** CARGILL INC

Assignee(s): GESSNER SCOTT LOUIS ; RYAN CHRISTOPHER M ; BROSCH ANDREA LEE ; BUEHLER NANCY UZELAC

Inventor(s):(std)**:** UZELAC BUEHLER NANCY ; RYAN M ; RYAN CHRISTOPHER MICHAEL ; RYAN CHRISTOPHER M ; RYAN C M ; GESSNER SCOTT LOUIS ; GESSNER S L ; GESSNER LOUIS ; BUEHLER UZELAC ; BUEHLER NANCY UZELAC ; BUEHLER N U ; BROSCH LEE ; BROSCH ANDREA LEE

Inventor(s): ANDREA LEE BROSCH ; CM RYAN ; CHRISTOPHER M RYAN ; C M RYAN ; NU BUEHLER ; NANCY UZELAC BUEHLER ; N U BUEHLER ; SL GESSNER ; SCOTT LOUIS GESSNER ; S L GESSNER

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): B32B27/10 B32B27/36 B32B5/02 D01F6/62 D01F6/92 D01F8/14 D04H1/42 D04H1/54 D04H13/00 D04H3/00 D04H3/16 (Advanced/Invention); B32B27/10 B32B27/36 B32B5/02 D01F6/62 D01F6/92 D04H3/16 (Advanced/Non–invention); B32B27/36 D01F6/62 D01F8/14 D04H1/42 (Core/Invention)

International class (IPC 1–7): B32B27/10 B32B27/36 B32B5/02 C08G63/08 D01F6/62 D01F6/92 D01F8/14 D04H1/42 D04H3/16

CPC: Y10T442/641 Y10T442/642 Y10T442/69 Y10T442/696 D01F8/14 D01F6/625 D04H1/54 D04H1/4291 D04H1/4334 D04H1/435 D04H1/4382

European class: D01F6/62B D01F8/14 D04H1/42 D04H1/54 D04H13/00B2 D04H13/00B5

US class: 264/171.11 264/172.11 264/172.15 442/364 442/365 442/409 442/414 525/410 525/419 528/328 528/354

Classification Explorer

Cited documents: WO9630576 A1, WO9408078 A1, WO9406856 A1, WO9204413 A1, WO9204412 A1, WO9001521 A1, US5594095 A, US5567510 A, US5545371 A, US5536807 A, US5525706 A, US5502158 A, US5484881 A, US5475080 A, US5444113 A, US5437918 A, US5424346 A, US5391423 A, US5338822 A, US5294469 A, US5274073 A, US5252642 A, US5247059 A, US5216050 A, US5180765 A, US5142023 A, US5010145 A, US4442062 A, JP9095852 A2, JP9095847 A2, JP9095605 A2, JP9077863 A2, JP9077124 A2, JP8283558 A2, JP7133569 A2, JP7008520 A2, FR2732196 A1, FR2725731 A1, EP0765969 A1, EP0765959 A1, EP0747065 A1, EP0731198 A2, EP0723043 A2, EP0669358 A1, EP0637641 A1, EP0597427 A1,

0) US6652798B – METHOD AND AN APPARATUS FOR FORMING AIR–LAID FI...

9) Family number: 30048455 (US6652798B)

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Title: Method and an apparatus for forming air−laid fibrous absorbent cores

Priority: DE19981023954 19980528 DE19996001390 19990526 WO1999EP03628 19990526

Family:

Publication number	Publication date	Application number	Application date
CO5090925 A1	20011030	CO19990033009	19990527
DE19823954 A1	19991209	DE19981023954	19980528
DE19823954 C2	20020829	DE19981023954	19980528
DE69901390 D1	20020606	DE19996001390	19990526
DE69901390 T2	20021107	DE19996001390T	19990526
DK1082081 T3	20020819	DK19990926423T	19990526
EP1082081 A1	20010314	EP19990926423	19990526
EP1082081 B1	20020502	EP19990926423	19990526
JP2002516191 T2	20020604	JP20000550429T	19990526
PL198968 B1	20080829	PL19990345184	19990526
PL345184 A1	20011203	PL19990345184	19990526
RU2000133247 A	20030120	RU20000133247	19990526
RU2227001 C2	20040420	RU20000133247	19990526
US6652798 BA	20031125	US20000722015	20001127
WO9960964 A1	19991202	WO1999EP03628	19990526

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** EDVARDSSON GUNNAR ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS GOETEB AB

Assignee(s): SCA HYGIENE PRODUCTS AB GOETEBORG ; SCA HYGIENE PRODUCTS AB GOETEBORG GOTENBURG ; SCA HYGIENE PRODUCTS ABS

Inventor(s):(std)**:** GUNNAR EDVARDSSON ; EHDVARDSSON GUNNAR ; EDVARDSSON GUNNAR

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT JP LU MC NL PL PT RU SE US

International class (IPC 8–9)**:** A61F13/15 A61F13/472 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/42 A61L15/60 B32B5/30 D04H1/72 (Advanced/Invention); A61F13/15 A61F5/44 A61L15/16 B32B5/22 (Core/Invention)

International class (IPC 1–7)**:** A61F13/15 A61F13/46 A61F13/472 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/42 A61L15/60 B32B5/30 D04H1/72

CPC: A61F13/15658

European class: A61F13/15M3G

US class: 264/112 264/113 264/510 264/517 425/81.1 425/811

Classification Explorer

Cited documents: WO9510994 A1, US5762844 A, US5064484 A, US4927346 A, US4908175 A, US4598441 A, US3943605 A, JP7150456 A2, JP7150345 A2, JP60232155 A2, JP4200544 A2, GB2315220 A1, GB2294703 A1, GB2124264 A1, FR2690843 A1, EP0627211 A1, EP0292624 A1, DE4335919 A1, DE3413925 A1,

0) US5423737A – TRANSPARENT HYDROGEL WOUND DRESSING WITH RELEAS...

10) Family number: 8475722 (US5423737A)

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Title: TRANSPARENT HYDROGEL WOUND DRESSING WITH RELEASE TAB

Priority:

CA19942119731 19940322 US19930068633 19930527 US19950435298 19950505
US19950372851 19950113 US19930068633 19930527 US19930130698 19931004
US19950435307 19950505

Family:

Publication number	Publication date	Application number	Application date
AT281812 E	20041115	AT19940303512T	19940517
AU199456447 A1	19941208	AU19940056447	19940228
AU667766 B2	19960404	AU19940056447	19940228
CA2119731 AA	19941128	CA19942119731	19940322
CA2119731 C	19970527	CA19942119731	19940322
DE69434125 D1	20041216	DE19946034125	19940517
DE69434125 T2	20050324	DE19946034125T	19940517
EP0630629 A1	19941228	EP19940303512	19940517
EP0630629 B1	20041110	EP19940303512	19940517
ES2232813 T3	20050601	ES19940303512T	19940517
JP2604542 B2	19970430	JP19940076115	19940414
JP7088131 A2	19950404	JP19940076115	19940414
NZ250994 A	19950926	NZ19940250994	19940228
US5423737 A	19950613	US19930068633	19930527
US5476443 A	19951219	US19950372851	19950113
US5489262 A	19960206	US19950435298	19950505
US5501661 A	19960326	US19950435307	19950505

Probable Assignee: NDM INC

Assignee(s):(std)**:** NDM ACQUISITION CORP ; NEW DIMENSIONS IN MEDICINE INC ; HARTMANN PAUL AG ; NDM INC

Assignee(s): STURTEVANT WAYNE ROBERT ; WOLF MICHAEL L ; N D M AKUUIJISHIYON CORP ; PAUL HARTMANN AKTIENGESELLSCHAFT ; PAUL HARTMANN AG ; BAUSMITH WILLIAM EMERSON III ; CARTMELL JAMES VERNON ; CHASE MANHATTAN BANK ADMINISTRATIVE AGENT AS ; CHASE MANHATTAN BANK AS ADMINISTRATIVE AGENT

Inventor(s):(std)**:** BAUSMITH III WILLIAM E ; BAUSMITH WILLIAM E III ; BAUSMITH WILLIAM EMERSON ; BAUSMITH WILLIAM EMERSON III ; CARTMELL JAMES V ; CARTMELL JAMES VERNON ; STURTEVANT WAYNE R ; STURTEVANT WAYNE ROBERT ; UEIN ROBAATO SUTAATEBUANTO ; MAIKERU ERU UORUFU ; JIEEMUZU BUAANON KAATOMERU ; UIRIAMU EMAASON BAUSUMISU ZA S ; WOLF MICHAEL L

Inventor(s): UIRIAMU EMAASON BAUSUMISU ZA SAADO ; BAUSMITH WILLIAM E ; WAYNE ROBERT STURTEVANT ; WILLIAM EMERSON BAUSMITH III ; JAMES VERNON CARTMELL ; MICHAEL L WOLF

Designated states: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

International class (IPC 8–9): A61F13/00 A61F13/02 A61F13/15 A61L15/58 A61L15/60 (Advanced/Invention);
A61F13/00 A61F13/15 (Advanced/Non–invention);
A61F13/02 (Core/Invention),
A61F13/00 A61F13/15 (Core/Non–invention)

International class (IPC 1–7): A61F13/00 A61F13/02 A61L15/26 A61L15/58 A61L15/60 A61L16/60

CPC: A61F13/023 A61F2013/00217 A61F2013/00608 A61F2013/00748 A61F2013/008 A61F2013/00817 A61F2013/00851 A61F2013/00859 A61F2013/00868 A61F2013/15024 Y10S602/90

European class: A61F13/02C K61F13/00J11 K61F13/00L10A K61F13/00L10C K61F13/00L2K1 K61F13/00L5C K61F13/00L7A K61F13/00L7B K61F13/00L9A K61F13/15A7

US class: 206/440 206/441 424/443 424/445 424/447 602/42 602/48 602/52 602/57 602/58 602/900 604/304

Classification Explorer

Cited documents: WO9003155 A2, WO8903913 A1, US5423737 A, US5423736 A, US5409703 A, US5204110 A, US5160328 A, US5115801 A, US5106629 A, US5060642 A, US5059424 A, US5000172 A, US4909244 A, US4884563 A, US4753232 A, US4744355 A, US4646831 A, US4646731 A, US4538603 A, US3998215 A, US3072249 A, GB2128479 A1, EP0455324 A1, EP0413251 A1, EP0360458 A1, EP0168174 A1, EP0106440 A1,

0) US2001036555A – BACKSEAMED CASING AND PACKAGED PRODUCT INCORPOR...

11) Family number: 31051997 (US2001036555A) © PatBase

Title: BACKSEAMED CASING AND PACKAGED PRODUCT INCORPORATING SAME

Priority:

CA19932097669	19930603	CA19932106889	19930924	CA19962233948	19961007
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US19950480635	19950607	US19970968016	19971112	US19950539919	19951006
US19920893638	19920605	US19920951245	19920925	US20060476992	20060628
US20010764673	20010118	WO1996US16044	19961007	US20030683526	20031006
US20010764928	20010118				

Family:

Publication number	Publication date	Application number	Application date
AT195402 E	20000915	AT19930304366T	19930604
AT232463 E	20030215	AT19960936236T	19961007
AT267698 E	20040615	AT19930121947T	19930604
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EP0980752 A3	20000419	EP19990121947	19930604
EP0980752 B1	20040526	EP19990121947	19930604
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ES2201206 T3	20040316	ES19960936236T	19961007
ES2221291 T3	20041216	ES19990121947T	19930604
HU9901974 AB	19991028	HU19990001974	19961007
HU9901974 AC	19991129	HU19990001974	19961007
JP3775690 B2	20060517	JP19930160052	19930607
JP6065501 A2	19940308	JP19930160052	19930607
JP6210810 A2	19940802	JP19930259013	19930924
KR100416314 B1	20040614	KR19960044263	19961007
KR19970020416 A	19970528	KR19960044263	19961007
MX9303359 A1	19940131	MX19930003359	19930604
NZ247739 A	19960227	NZ19930247739	19930531
NZ248765 A	19960827	NZ19930248765	19930924
NZ321050 A	19991129	NZ19960321050	19961007
PL326086 A1	19980817	PL19960326086	19961007
RU98108976 A	20000327	RU19980108976	19980506
US2001036555 AA	20011101	US20010764928	20010118
US2001041201 AA	20011115	US20010764673	20010118
US2004071903 AA	20040415	US20030683526	20031006
US2007014897 AA	20070118	US20060476992	20060628
US6203750 BA	20010320	US19970789528	19970127
US6221410 BA	20010424	US19970968016	19971112
US6764729 BB	20040720	US20010764928	20010118
US7540834 BB	20090602	US20010764673	20010118
WO9712758 A1	19970410	WO1996US16044	19961007
ZA9303880 A	19931227	ZA19930003880	19930602

Probable Assignee: CRYOVAC INC

Assignee(s):(std)**:** CRYOVAC INC ; CRYOVAC INC DUNCAN ; W R GRACE AND CO ; GRACE W R AND CO ; RAMESH RAM K

Assignee(s): W R GRACE AND CO CONN ; ROSINSKI MICHAEL J ; WR GRACE AND CO CONN ; RAMESH RAM KUMAR ; WRGRACE AND CO CONN ; WR GRACE AND CO ; CRYOVAC INC DUNCAN SOUTH CAROLINA ; AHLGREN KELLY RAY ; CRYOVAC

Inventor(s):(std)**:** AHLGREN KELLY RAY ; RAMESH RAM KUMAR ; ROSINSKI MICHAEL J ; ROSNISKI M J ; ROSINSKI J ; ROSINKSI MICHAEL J ; RK RAMESH ; RAMU KEI RAMESHIYU ; RAMESH RAM K ; RAMESH R K ; RAMESH K ; RAM KUMAR RAMESH ; RAM K RAMESH ; R K RAMESH ; MJ ROSNISKI ; MICHAEL J ROSINSKI ; M J ROSNISKI ; KERII AARU AARUGUREN ; KELLY R AHLGREN ; AHLGREN KELLY R

Inventor(s): RAMESH RAM

Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GR HU IE IT LI LU MC MX NL NZ PL PT RU SE

International class (IPC 8–9): A22C13/00 A22C13/02 A23B7/148 B29C47/00 B29C47/06 B29C55/28 B31C11/04 B32B27/00 B32B27/08 B32B27/28 B32B27/30 B32B27/32 B32B27/34 B32B27/36 B32B7/02 B32B7/06 B65B29/08 B65D65/02 B65D65/40 B65D71/08 B65D75/26 B65D81/34 B65D85/50 B65D85/72 C08J5/18 C08L23/00 C08L23/08 C08L23/10 C08L77/00 C08L77/02 C08L77/06 F41A19/11 F41A33/00 (Advanced/Invention); B29C47/00 B32B27/00 B32B7/02 B65D65/02 B65D71/08 B65D75/26 B65D81/34 B65D85/50 C08L23/00 C08L23/10 (Advanced/Non–invention); A23B7/144 B32B27/08 B32B27/28 B32B27/32 B32B7/02 B32B7/06 B65B29/00

B65D65/40 B65D71/06 B65D85/72 C08L23/00 (Core/Invention); B65D71/06 C08L23/00 (Core/Non-invention)

International class (IPC 1-7): A22C13/00 A22C13/02 A23G1/00 B29C47/04 B29C47/06 B29C47/88 B29C55/12 B29C55/26 B29C55/28 B32B27/00 B32B27/06 B32B27/08 B32B27/08 B32B27/30 B32B27/32 B32B27/34 B32B27/36 B32B31/30 B32B7/02 B32B7/06 B65B29/08 B65D65/02 B65D65/40 B65D71/08 B65D81/34 B65D85/50 B65D85/72 C08J5/18 C08L23/10 C08L77/00 C08L77/02 F16B4/00

CPC: A22C2013/0059 B29C47/0057 B29C47/0059 B29C53/38 B29C65/5042 B29C66/1142 B29K2023/00 B29K2023/083 B29K2023/086 B29K2025/00 B29K2067/00 B29L2023/001 B29L2023/002 B32B27/302 B32B27/40 B32B2250/05 B32B2250/24 B32B2307/31 B32B2307/7244 B32B2307/736 B32B2439/70 B32B2553/00 B65D75/002 B29C47/0023 B29C47/0064 B29C47/065 B29C66/43121 Y10T428/1328 Y10T428/1324 Y10T428/1341 Y10T428/1383 Y10T428/24975 A22C2013/0069 B29C47/0026 B32B27/08 B65D75/26 B65D2581/34 B32B27/30 B32B27/32 B32B27/36 B65D81/3423 F41A19/11 F41A33/00 Y10T428/31507 Y10T428/31743 Y10T428/31746 Y10T428/31786 Y10T428/31797 Y10T428/3187 Y10T428/31913 Y10T428/3192 B29C65/08 B29C65/10 B29C65/14 B29C65/1412 B29C65/18 B29C65/222 A22C13/0013 A22C2013/002 A22C2013/0053 A22C2013/0063 A22C2013/0083 A22C2013/0086 B29C47/00 B29C47/0021 B29C47/061 B29C55/28 B29K2077/00 B29K2995/0049 B29L2009/00 B29L2031/712 B32B27/34 C08L77/00 C08L77/02 C08L77/06 B29C65/4815 B29C65/5021 B29C66/1122 B29C66/4322 B29C66/71 B29C66/73711 B29C66/73713 B29C66/73715

European class: A22C13/00D B29C47/06N B29C55/28 B32B27/08 B32B27/30 B32B27/30A B32B27/32 B32B27/34 B32B27/36 B32B27/40 B65B69/00A B65D75/00B B65D81/34B1 C08L77/00 C08L77/02 C08L77/06 F41A19/11 F41A33/00 K22C13/00E K22C13/00N K22C13/00Q K22C13/00R K22C13/00S2 K22C13/00V K22C13/00W L29C47/00 L29C47/00J7 L29C47/00L8 L29C47/00L9 L29C53/38 L29C65/50B L29C66/1142 L29C66/43 L29K23/00 L29K23/08B L29K23/08D L29K25/00 L29K67/00 L29K77/00 L29K995/00F9 L29L23/00B L29L23/00B2 L29L31/712 L29L9/00 L32B250/05 L32B250/24 L32B307/310 L32B307/724B2 L32B307/736 L32B439/70 L32B553/00 L65D581/34 L65D75/26

US class: 264/171.28 264/173.13 264/514 264/557 426/105 426/105P 426/106 426/106P 426/127 426/129 426/135 428/216 428/34.8 428/34.9 428/34.900P 428/35.4 428/36.7 428/412 428/475.8 428/476.1 428/480 428/480P 428/483 428/504 428/516 428/518 429/127 493/269 493/294 493/297

Classification Explorer

Cited documents: WO9303093 A1, WO9215641 A2, WO9003414 A1, USRE30390 E, US6764729 BB, US6221410 BA, US5906850 A, US5866214 A, US5863643 A, US5837358 A, US5827559 A, US5700890 A, US5645788 A, US5595623 A, US5518119 A, US5425974 A, US5397613 A, US5358792 A, US5356676 A, US5328705 A, US5304385 A, US5283128 A, US5278272 A, US5272236 A, US5251266 A, US5241031 A, US5225139 A, US5218071 A, US5213900 A, US5206309 A, US5206075 A, US5185189 A, US5139805 A, US5127208 A, US5106693 A, US5094799 A, US5089073 A, US5085890 A, US5079051 A, US5077109 A, US5051266 A, US5047253 A, US5045020 A, US5037683 A, US4963419 A, US4963418 A, US4950345 A, US4944970 A, US4937112 A, US4915963 A, US4909726 A, US4888223 A, US4872302 A, US4857399 A, US4855183 A, US4851245 A, US4834822 A, US4786512 A, US4784863 A, US4773128 A, US4762748 A, US4758463 A, US4741938 A, US4734956 A, US4734327 A, US4731214 A, US4708705 A, US4683170 A, US4659599 A, US4647483 A, US4612221 A, US4608302 A, US4606922 A, US4542075 A, US4532189 A, US4501798 A, US4495751 A, US4495249 A, US4486507 A, US4469542 A, US4448792 A, US4411919 A, US4405667 A, US4389450 A, US4302566 A, US4302565 A, US4200051 A, US4120928 A, US4098860 A, US4064296 A, US4053346 A, US4025375 A, US3762986 A, US3670954 A, US3130647 A, US2001041201 AA, US2001036555 AA, NZ232235 A, NZ222632 A, JP61188142, JP3121842 A2, JP3063133 A2, GB2221649 A1, GB2139948 A1, GB2126191 A1, EP0603678 A1, EP0589431 A1, EP0573306 B1, EP0573306 A2, EP0467039 A2, EP0465931 A2, EP0451977 A1, EP0447988 B1, EP0447988 A1, EP0435498 A2, EP0408390 A1, EP0386759 A2, EP0358038 A1, EP0334291 A2, EP0331509 A2, EP0325151 A2, EP0273337 A2, EP0269325 A2, EP0170385 A1, EP0149321 A1, DE9007334 U, DE4001612 A1, DE3943024 A1, AU4756793 A1,

0) US2738874A – RECORD CONTROLLED MACHINE

12) Family number: 31346152 (US2738874A)

© PatBase

Title: RECORD CONTROLLED MACHINE

Priority:

US19490073845	19490131	US19490073842	19490131	US19490073844	19490131
US19500204661	19501229	US19490073843	19490131		

Family:

Publication number	Publication date	Application number	Application date
DE1040836 A	00000000		00000000
DE1040836 B	00000000		00000000
FR1054749 A	19540212		19500127
GB688383 A	19530304	GB19500002371	19500130
NL151330 B	00000000		00000000
US2558941 A	19510703	US19490073843	19490131
US2615569 A	19521028	US19490073844	19490131
US2651460 A	19530908	US19500204661	19501229
US2658682 A	19531110	US19490073842	19490131
US2738874 A	19560320	US19490073845	19490131

Probable Assignee: IBM

Assignee(s):(std)**:** BRITISH TABULATING MACH CO LTD ; IBM ; SIEMENS AG ; SIEMENS BERLIJN EN MUENCHEN BON AG

Assignee(s): SIEMENS BERLIJN EN MUENCHEN BONDSREPUBLIEK DUITSLAND AG ; INT BUSINESS MACHINES CORP ; BRITISH TABULATING MACHINE CO LTD

Inventor(s):(std)**:** DURFEE BENJAMIN M ; LAKE CLAIR D ; PIATT DONALD R ; WILSON LAWRENCE A

International class (IPC 8–9): C04B35/38 H01F1/34 (Advanced/Invention); C04B35/26 H01F1/12 (Core/Invention)

International class (IPC 1–7): C04B35/38 G03C1/10 G06C11/04 G06F15/10 G06F7/00 G06F7/06 H01F1/34

US class: 101/19 101/2 101/494 209/554 234/30 234/56 235/424 235/425 235/427 235/429 235/432 235/434 235/442

Classification Explorer

Cited documents: US2602544 A, US2580768 A, US2531895 A, US2511996 A, US2501821 A, US2486809 A, US2484081 A, US2480780 A, US2448026 A, US2442987 A, US2434512 A, US2386482 A, US2379828 A, US2377762 A, US2375307 A, US2364540 A, US2359670 A, US2355282 A, US2240546 A, US2232006 A, US2231186 A, US2230673 A, US2230129 A, US2229451 A, US2220489 A, US2189024 A, US2181999 A, US2165325 A, US2120233 A, US2103559 A, US2090103 A, US2089255 A, US2034542 A, US2033969 A, US1989840 A, US1930266 A, US1884189 A, US1880413 A, US1862032 A, US1834561 A, US1830756 A, US1453492 A, US1197276 A, US1134752 A,

0) US2002033562A – NONWOVEN FABRIC WITH HIGH CD ELONGATION AND MET...

13) Family number: 28185047 (US2002033562A) © PatBase

Title: NONWOVEN FABRIC WITH HIGH CD ELONGATION AND METHOD OF MAKING SAME

Priority:

AU20000066303	20000810	AU20020318879	20021218	EP20000953942	20000810
AU20020318880	20021218	AU20020318881	20021218	US19990373826	19990813
WO2000US21887	20000810	US20010953390	20010914	US19990460659	19991213
US20000613469	20000710				

Family:

Publication number	Publication date	Application number	Application date
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JP2003507586 T2	20030225	JP20010516969T	20000810
MXPA02001536 A1	20030721	MX2002PA01536	20000810
US2002033562 AA	20020321	US20010953390	20010914
US6319455 BA	20011120	US20000613469	20000710
US6331268 BA	20011218	US19990373826	19990813
US6331345 BA	20011218	US19990460659	19991213
US6436512 BA	20020820	US20010953390	20010914
WO0112888 A1	20010222	WO2000US21887	20000810

Probable Assignee: FIRST QUALITY NONWOVENS INC

Assignee(s):(std)**:** FIRST QUALITY NONWOVENS INC ; FIRST QUALITY FIBERS INC ; TURI MORDECHAI

Assignee(s): CITIZENS BANK OF PENNSYLVANIA ; FIRST QUALITY PRODUCTS INC AND FIRST QUALITY BABY PRODUCTS LLC ; FIRST QUALITY FIBERS INC A CORP OF PENNSYLVANIA ; JPMORGAN CHASE BANK NA ; JPMORGAN CHASE NA ; FIRST QUALITY FIBERS INC CORP OF PENNSYLVANIA ; FIRST QUALITY PRODUCTS INC AND FIRST QUALITY BABY ; KAUSCHKE MICHAEL

Inventor(s):(std)**:** MICHAEL KAUSCHKE ; MORDECHAI TURI ; TURI MORDECHAI ; TURI MICHAEL KAUSCHKE MORDECHA ; KAUSCHKE MICHAEL

Inventor(s): MICHAEL KAUSCHKE MORDECHAI TURI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/472 B32B27/12 B32B27/14 B32B3/00 D04H1/04 D04H1/70 D04H1/72 D04H1/74 D04H13/00 D04H3/16 (Advanced/Invention);
A61F13/15 (Advanced/Non–invention);
B32B27/12 D04H1/00 D04H1/70 D04H13/00 D04H3/16 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/472 B29C43/00 B29C43/22 B32B27/12 B32B27/14 B32B3/00 B32B3/02 B32B5/12 D01G25/00 D04H1/04 D04H1/72 D04H3/00 D04H3/08 D04H3/16

CPC: Y10T428/24595 Y10T428/24479 Y10T428/24603 Y10T442/681 Y10T442/601 D04H3/02 D04H3/033 D04H1/70 D04H1/74 B32B3/28 B32B5/022 B32B2305/20 B32B2307/72

B32B27/12 D04H3/16

European class: B32B27/12 D04H1/70 D04H1/74 D04H13/00B2 D04H3/16

US class: 156/167 156/167S 156/181 156/181S 19/299 19/299S 264/517 264/517S 264/518 264/518P 264/555 264/555S 264/557 264/557S 428/156 428/170 428/171 428/219 442/328 442/401 442/401S

Classification Explorer

Cited documents: WO9957355 A1, WO9957335 A1, WO9953877 A1, WO9614457 A2, WO9601651 A1, WO9528280 A1, WO9516422 A2, WO9207984 A1, USH1674 H1, US6277479 BA, US6030686 A, US5964742 A, US5906840 A, US5882562 A, US5865003 A, US5789065 A, US5762253 A, US5736219 A, US5695868 A, US5669798 A, US5667750 A, US5654088 A, US5626571 A, US5599420 A, US5543206 A, US5534326 A, US5527304 A, US5507736 A, US5487655 A, US5482765 A, US5464401 A, US5462642 A, US5460500 A, US5369858 A, US5314325 A, US5246433 A, US5236430 A, US5211903 A, US5167897 A, US5156793 A, US5149332 A, US4968313 A, US4936934 A, US4838774 A, US4834741 A, US4742941 A, US4741877 A, US4725473 A, US4627811 A, US4481694 A, US4442062 A, US4405297 A, US4375446 A, US4186463 A, US4103058 A, US4095007 A, US4075382 A, US3973291 A, US3969561 A, US3791920 A, US3775244 A, US3485708 A, US3284857 A, US3034180 A, US2986780 A, JP51055470 A2, JP11189961, JP10000713, FR2711378 A1, FR2122596 A3, EP0818569 A2, EP0815819 A2, EP0776391 A1, EP0511025 A1, DE4311867 A1, DE19709352 A1, DE19620503 A1,

0) US2011142663A – ASSEMBLY AND METHOD OF PREPARING AN ASSEMBLY

14) Family number: 44449859 (US2011142663A) © PatBase

Title: ASSEMBLY AND METHOD OF PREPARING AN ASSEMBLY

Priority:

DK20080001161	20080825	EP20090781993	20090819	US20080091539P	20080825
WO2009EP60723	20090819	US20090059805	20090819		

Family:

Publication number	Publication date	Application number	Application date
CN102165186 A	20110824	CN200980137652	20090819
CN102165186 B	20140326	CN200980137652	20090819
DE602009027222 D1	20141127	DE200960027222T	20090819
DK2334932 T3	20150112	DK20090781993T	20090819
EP2334932 A1	20110622	EP20090781993	20090819
EP2334932 B1	20141015	EP20090781993	20090819
ES2527136 T3	20150121	ES20090781993T	20090819
US2011142663 AA	20110616	US20090059805	20090819
US8807954 BB	20140819	US20090059805	20090819
WO10023140 A1	20100304	WO2009EP60723	20090819

Probable Assignee: VESTAS WIND SYSTEMS A S

Assignee(s):(std): GILL ADRIAN ; VESTAS WIND SYS AS

Assignee(s): VESTAS WIND SYSTEMS A S

Inventor(s):(std): GILL ADRIAN ; ADRIAN GILL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B32B37/02 B32B37/12 F01D5/14 F03D1/06 F03D11/00 F16B11/00 (Advanced/Invention); B29C65/00 B29C65/48 B29C65/50 B29L31/08 F16B11/00 (Advanced/Non–invention);

	F03D1/00 F16B11/00 (Core/Invention)
CPC:	F03D1/0675 B29C65/5042 B29C66/112 B29C66/1122 B29C66/116 B29C66/1162 B29C66/324 B29C66/43421 B29C66/43441 B29C66/54 B29C66/61 B29C66/636 B29C66/721 B29L2031/082 B29L2031/085 F05B2230/23 F16B11/006 Y02E10/721 B29C65/483 B29C65/4835 Y10T29/49966 Y10T156/10 Y10T428/24488 B29C65/48 Y02P70/523
European class:	F03D1/06C6 L29C65/48 L29C65/50B L29C66/112 L29C66/1122 L29C66/116 L29C66/1162 L29C66/324 L29C66/43421 L29C66/43441 L29C66/54 L29C66/61 L29C66/636 L29L31/08B L29L31/08B2 R05B230/23 R16B11/00F Y02E10/72 Y02E10/72B
US class:	156/60 156/60S 29/525.13 416/226 416/226P 416/229.00RS 416/229R 428/157 428/157S
Classification Explorer	
Cited documents:	WO09062507 A2, WO0027661 A1, US5205868 A, US2009226702 AA, US2008075603 AA, US2007175568 AA, US2003116262 AA, JP59087068 A2, EP0901442 A1, EP0859705 A1, EP0433513 A1, DE3536806 A1, DE3409960 A1, DE10346109 A1,

0) US4326543A – SMOKING PRODUCT AND PROCESS FOR MANUFACTURING S...

15) Family number: 31137268 (US4326543A) © PatBase

Title:	Smoking product and process for manufacturing same
Priority:	CA19810378754 19810601 US19800155876 19800602 US19810324753 19811125

Family:

Publication number	Publication date	Application number	Application date
BR8103391 A	19820224	BR19810003391	19810529
CA1160532 A1	19840117	CA19810378754	19810601
DE3121585 A1	19820624	DE19813121585	19810530
GB2077571 A1	19811223	GB19810016636	19810601
GB2077571 B2	19840208	GB19810016636	19810601
US4326543 A	19820427	US19800155876	19800602
US4411279 A	19831025	US19810324753	19811125

Probable Assignee:	REYNOLDS TOBACCO CO R
Assignee(s):(std):	R J REYNOLDS TOBACCO CO ; REYNOLDS TOBACCO CO R
Assignee(s):	REYNOLDS RJ TOBACCO CO ; SIDES LARRY W ; MARTIN JULIAN R ; R J REYNOLDS TOBACCO COMPANY ; REYNOLDS R J TOBACCO CO ; REYNOLDS R J TOBACCO COMPANY
Inventor(s):(std):	MARTIN J ; SIDES LARRY WALTER ; SIDES LARRY W ; MARTIN JULIAN RICHARD ; MARTIN JULIAN R ; SIDES L
Inventor(s):	RICHARD MARTIN JULIAN ; WALTER SIDES LARRY
International class (IPC 8–9):	A24C5/00 A24C5/47 (Advanced/Invention); A24C5/00 (Core/Invention)
International class (IPC 1–7):	A24C5/00 A24C5/52 A24C5/54 A24C5/56 A24C5/60 A24D1/04 A24D3/08
CPC:	A24C5/472
European class:	A24C5/47A2
US class:	131/284 131/336 131/362 131/90 131/91 131/92 131/93 131/94 131/95
Classification Explorer	
Cited documents:	US4262680 A, US4249547 A, US4236535 A, US3933159 A, US3526233 A, US3420243 A, US3313306 A, US3306882 A, US3294722 A, US3245931 A, GB1575910 A,

DE2446565 A1,

0) US2558476A – DISTRICT ASSEMBLER CIRCUIT

16) Family number: 30985820 (US2558476A)

© PatBase

Title: DISTRICT ASSEMBLER CIRCUIT

Priority: US19470724992 19470129

Family:

Publication number	Publication date	Application number	Application date
BE479918 A	00000000		00000000
CH288284 A	19530115		19480129
FR960375 A	19500418		00000000
GB657553 A	19510919	GB19480002128	19480123
NL77937 C	00000000		00000000
US2558476 A	19510626	US19470724992	19470129

Probable Assignee: BELL TELEPHONE LABOR INC

Assignee(s):(std)**:** BELL TELEPHONE LABOR INC ; WESTERN ELECTRIC CO

Assignee(s): WESTERN ELECTRIC CO INC ; BELL TELEPHONE LABORATORIES INC

Inventor(s):(std)**:** CARPENTER WARREN W ; COMPANY INCORPORATED WESTERN E ; GOODERHAM JOHN W ; WESTERN E CO INC

Inventor(s): WESTERN ELECTRIC CO INC ; INC WESTERN E CO ; INCORPORATED WESTERN ELECTRIC COMPANY

International class (IPC 8–9): H04M15/04 (Advanced/Invention); H04M15/04 (Core/Invention)

International class (IPC 1–7): H04M15/04

CPC: H04M15/04

European class: 42G8A H04M15/04

US class: 234/28 234/32 234/33 234/43 235/61PL 379/120

Classification Explorer

Cited documents: US2473437 A, US2386763 A, US2112951 A,

0) US5084178A – CORRUGATED FILTER ARRANGEMENT WITH SUPPORT LAYE...

17) Family number: 29367747 (US5084178A)

© PatBase

Title: Corrugated filter arrangement with support layer and flow channels

Priority:

CA19890602809	19890614	CA19912048086	19910729	GB19910016492	19910730
GB19910016492	19910730	US19880206676	19880615	US19880206676	19880615
US19950400507	19950307	US19900559335	19900730	US19910733625	19910722
US19930091928	19930716	US19890323217	19890315		

Family:

Publication number	Publication date	Application number	Application date
CA1321552 A1	19930824	CA19890602809	19890614
CA2048086 AA	19920131	CA19912048086	19910729
CA2048086 C	20000613	CA19912048086	19910729
DE68914722 D1	19940526	DE19896014722	19890613
DE68914722 T2	19940804	DE19896014722T	19890613
DE69122459 D1	19961107	DE19916022459	19910730
DE69122459 T2	19970206	DE19916022459T	19910730
DE69122459 T3	20050113	DE19916022459T	19910730
EP0347188 A2	19891220	EP19890305992	19890613
EP0347188 A3	19900606	EP19890305992	19890613
EP0347188 B1	19940420	EP19890305992	19890613
EP0470485 A2	19920212	EP19910112781	19910730
EP0470485 A3	19920415	EP19910112781	19910730
EP0470485 B1	19961002	EP19910112781	19910730
EP0470485 B2	20040714	EP19910112781	19910730
GB2247189 A1	19920226	GB19910016492	19910730
GB2247189 B2	19950301	GB19910016492	19910730
GB2274603 A1	19940803	GB19940002792	19940211
GB2274603 B2	19950222	GB19940002792	19940211
GB2274604 A1	19940803	GB19940002793	19940211
GB2274604 B2	19950222	GB19940002793	19940211
GB9116492 A0	19910911	GB19910016492	19910730
GB9402792 A0	19940406	GB19940002792	19940211
GB9402793 A0	19940406	GB19940002793	19940211
JP10113508 A2	19980506	JP19970278491	19971013
JP1906402 C3	19950224	JP19890153573	19890615
JP2043906 A2	19900214	JP19890153573	19890615
JP2753157 B2	19980518	JP19910190071	19910730
JP3109660 B2	20001120	JP19970278491	19971013
JP4250804 A2	19920907	JP19910190071	19910730
JP6034885 B4	19940511	JP19890153573	19890615
US5084178 A	19920128	US19890323217	19890315
US5252207 A	19931012	US19910733625	19910722
US5552048 A	19960903	US19950400507	19950307

Probable Assignee: PALL CORP

Assignee(s):(std)**:** PALL CORP ; MILLER JOHN D ; WILLIAMSON KENNETH M ; SWIEZBIN JOSEPH R

Assignee(s): MILLER JOHN DAVID ; PALL CORP GLEN COVE N Y ; PALL CORP GLEN COVE N Y US ; PALL NEW YORK CORP ; HOORU CORP

Inventor(s):(std)**:** WILLIANSON KENNETH M ; WILLIAMSON KENNETH M ; SWIEZBIN JOSEPH R ; MILLER JOHN DAVID ; MILLER JOHN D ; MILLER JOHN ; JIYOSEFU AARU SUUIIZUBIN ; JIYOSEFU AARU SUUIITSUBIN ; JIYON DEII MIRAA ; JIYON DEEBITSUDO MIRAA ; DAVID MILLER JOHN ; JOSEFU AARU SUIIZUBIN ; JOSEFU AARU SUIITSUBIN ; JON DEII MIRAA ; JON DEEBITSUDO MIRAA ; KENESU EMU UIRIAMUSON

Inventor(s): JOSEPH R SWIEZBIN ; JOHN DAVID MILLER ; KENNETH M WILLIAMSON ; MILLER JOHN DAVID ITHICA NEW YORK 14850 US ; MILLER JOHN DAVID ITHICA NEW YORK 14850

Designated states: DE FR GB IT

International class (IPC 8–9): B01D27/06 B01D29/01 B01D29/07 B01D29/11 B01D29/21 B01D39/16 B01D39/18 B01D39/20 B01D46/00 B01D46/24 B01D46/52 (Advanced/Invention); B01D29/01 B01D39/18 B01D39/20 B01D46/00 B01D46/24 B01D46/52 (Core/Invention)

International class (IPC 1–7):	B01D27/06 B01D29/06 B01D29/07 B01D29/07 B01D29/11 B01D29/21 B01D29/23 B01D29/56 B01D46/52
CPC:	B01D29/012 B01D29/111 B01D39/1607 B01D39/18 B01D39/2024 B01D46/0031 B01D46/2411 B01D46/523 B01D2201/0407 B01D2239/0478 B01D2239/065 B01D2239/0654 B01D2239/0668 B01D2239/0681 B01D2239/0695 B01D2275/10 B01D46/10 B01D46/521 B01D2265/06 B01D39/1623 B01D2239/0471
European class:	B01D29/01B B01D29/11B B01D39/16B B01D39/16B4 B01D39/18 B01D39/20B4D B01D46/00F20D B01D46/10 B01D46/24F4 B01D46/52F B01D46/52F4 L01D201/04B L01D239/04P L01D239/04P2 L01D239/06F L01D239/06F10 L01D239/06F40 L01D239/06F50 L01D239/06H2 L01D265/06 L01D275/10
US class:	156/474 210/335 210/487 210/489 210/493.1 210/493.4 210/493.5 210/496 210/500.26 210/500.29 55/487 55/521 55/524

Classification Explorer

Cited documents: US5252207 A, US5084178 A, US4826597 A, US4735720 A, US4726901 A, US4707265 A, US4665050 A, US4589983 A, US4479874 A, US4410427 A, US4402830 A, US4252591 A, US4233042 A, US4154688 A, US4102792 A, US4089783 A, US4046697 A, US4033881 A, US3985654 A, US3871851 A, US3827566 A, US3762564 A, US3716970 A, US3692184 A, US3520417 A, US3469707 A, US3442392 A, US3353682 A, US3334752 A, US3306794 A, US3280985 A, US3280935 A, US3246767 A, US3241680 A, US3189179 A, US3174625 A, US3165473 A, US3057481 A, US2936855 A, US2914179 A, US2801009 A, JP64038118 A2, JP64021715 U1, JP64000973 U1, JP64000973, JP62155912 A2, JP60147206 A2, JP60052522 A2, JP50050763 A2, JP4108503 U, JP3047504 A2, GB763917 A, GB723200 A, GB2214448 A1, GB2192810 A1, GB2156232 A1, GB2106001 A1, GB1401231 A, GB1337170 A, GB1277588 A, FR8118562, FR2490970 A1, EP0347188 A2, EP0083789 A2, EP0001407 B1, DE3219671 A1, DE2034669 A1,

0) US4832892A – ASSEMBLY FOR MAKING CERAMIC COMPOSITE STRUCTURE...

18) Family number: 15327543 (US4832892A) © PatBase

Title: Assembly for making ceramic composite structures and method of using the same

Priority:

CA19880556690	19880111	EP19880630009	19880112	US19890298647	19890118
EP19880630009	19880112	EP19880630009	19880112	US19870003102	19870114

Family:

Publication number	Publication date	Application number	Application date
AT79110 E	19920815	AT19880630009T	19880112
AU198810021 A1	19880728	AU19880010021	19880104
AU603174 B2	19901108	AU19880010021	19880104
BG60549 B1	19950828	BG19880082582	19880111
BRPI8800110 A	19880823	BR1988PI00110	19880113
CA1308887 A1	19921020	CA19880556690	19880111
CN88100084 A	19880831	CN19881000084	19880812
CS8800234 A3	19921216	CS19880000234	19880113
CZ277742 B6	19930317	CS19880000234	19880113
DD285336 A5	19901212	DD19880312215	19880113
DE3873364 D1	19920910	DE19883873364	19880112
DE3873364 T2	19930225	DE19883873364T	19880112
DK13188 A	19880715	DK19880000131	19880113
DK13188 A0	19880113	DK19880000131	19880113
EP0277902 A1	19880810	EP19880630009	19880112
EP0277902 B1	19920805	EP19880630009	19880112
FI880138 A	19880715	FI19880000138	19880113

FI880138 A0	19880113	FI19880000138	19880113	
FI90058 B	19930915	FI19880000138	19880113	
FI90058 C	19931227	FI19880000138	19880113	
HU210664 B	19950628	HU19880000084	19880111	
HU63127 A2	19930728	HU19880000084	19880111	
IE62741 B	19950222	IE19880000041	19880108	
IE880041 L	19880714	IE19880000041	19880108	
IL85077 A0	19880630	IL19880085077	19880111	
IL85077 A1	19910816	IL19880085077	19880111	
IN168503 A	19910413	IN1988CA00027	19880113	
JP2546873 B2	19961023	JP19880006708	19880114	
JP63201069 A2	19880819	JP19880006708	19880114	
MX166352 B	19921231	MX19880010109	19880114	
NO176793 B	19950220	NO19880000097	19880112	
NO176793 C	19950531	NO19880000097	19880112	
NO880097 A	19880715	NO19880000097	19880112	
NO880097 A0	19880112	NO19880000097	19880112	
NZ223093 A	19900828	NZ19880223093	19880106	
PH26347 A	19920429	PH19880036341	19880111	
PL157107 B1	19920430	PL19880270141	19880114	
PL270141 A1	19880929	PL19880270141	19880114	
PT86541 A	19890130	PT19880086541	19880113	
PT86541 B	19930831	PT19880086541	19880113	
RO100575 B	19920109	RO19870131235	19871223	
RO100575 B1	19910131	RO19870131235	19871223	
RU1809828 C	19930415	SU19884203974	19880113	
SU1809828 A3	19930415	SU19884203974	19880113	
TR24660 A	19920109	TR19870000896	19871229	
US4832892 A	19890523	US19870003102	19870114	
US5047269 A	19910910	US19890298647	19890118	
YU3688 A	19900228	YU19880000036	19880108	
ZA8800202 A	19880630	ZA19880000202	19880113	

Probable Assignee: LANXIDE TECHNOLOGY CO LTD

Assignee(s):(std)**:** LANXIDE ECHNOLOGY COMPANY LP ; LANXIDE TECHNOLOGY CO ; HOWARD MORRIS ; LANKSID TEKNOLODZHI KOMPANI LP ; LANXIDE TECHNOLOGY CO LTD ; LANXIDE TECHNOLOGY COMPANY LP US ; LANXIDE TECHNOLOGY CO LP US ; LANXIDE TECHNOLOGY COMPANY ; RANKISAIDO TECHNOL CO L P ; LANXIDE TECHNOLOGY COMP LTD

Assignee(s): LANXIDE TECHNOLOGY COMPANY LP NEWARK DELAWARE US ; LANXIDE TECHNOLOGY COMPANY LP ; LESHER HAROLD D ; NEWKIRK MARC S ; LANXIDE TECHNOLOGY COLP ; RANKISAIDO TEKUNOROJII CO LP ; LANXIDE CORP ; LANXIDE TECHNOLOGY CO LP ; LANXIDE TECHNOLOGY CO LP NEWARK DEL US ; LANXIDE TECHNOLOGY CO LP TRALEE INDUSTRIAL PARK NE

Inventor(s):(std)**:** DANIEL LESHER HAROLD ; GAROLD DANIEL LESHER ; H DANIEL LESHER ; HARORUDO DANIERU RESHIYAA ; LESHER H DANIEL ; LESHER HAROLD D ; LESHER HAROLD DANIEL ; LESHER HAROLD DANIEL US ; LESHER HD ; MAAKU ESU NIYUUKAAKU ; HAROLD DANIEL LESHER ; MARC S NEWKIRK ; MARC STEVENS NEWKIRK ; MARK STIVENS NYUKIRK ; NEWKIRK MAR STEVENS ; NEWKIRK MARC S ; NEWKIRK MARC STEVENS ; NEWKIRK MARC STEVENS US ; NEWKIRK MS ; STEVENS NEWKIRK MARC ; NEWKIRK MARC ST ; NEWKIRK M S ; LESHER H D

Inventor(s): HDANIEL LESHER ; LESHER HAROLD D US ; NEWKIRK MARC ST US ; NEWKIRK MARC STEVENS NEWARK DELAWARE 19711 US ; MARC S NEWKIRK US ; HARORUDO DANIERU RESHAA ; MAAKU ESU NYUUKAAKU ; MAR STEVENS

NEWKIRK ; LESHER HAROLD DANIEL WILMINGTON DELAWARE 19808 US ; H DANIEL LESHER US

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): B22F3/12 B28B13/00 C04B35/10 C04B35/622 C04B35/65 C04B35/653 C04B35/76 C04B35/80 C22C29/12 (Advanced/Invention);
B28B13/00 C04B35/10 C04B35/622 (Advanced/Non–invention);
B22F3/12 B28B13/00 C04B35/10 C04B35/622 C04B35/65 C04B35/71 C04B35/80 C22C29/00 (Core/Invention)

International class (IPC 1–7): B01J8/00 B28B11/00 B28B13/00 B28B7/00 B28B7/02 B28B7/06 B28B7/16 C04B14/48 C04B33/00 C04B35/00 C04B35/10 C04B35/14 C04B35/46 C04B35/48 C04B35/56 C04B35/60 C04B35/622 C04B35/65 C04B35/71 C04B35/74 C04B35/76 C04B35/80 C22C28/02 C22C29/00 C22C29/12 C22C35/60 C22C38/08 E06B3/26

CPC: C04B35/652 B22F3/1208 Y10T428/131 Y10T428/24744 Y10T428/24926

European class: B22F3/12B C04B35/65L

US class: 156/89 156/89.28 249/135 249/141 264/109 264/332 264/65 264/82 428/188 428/210 428/256 428/34.4 428/469 501/94

Classification Explorer

Cited documents: US4822759 A, US4483940 A, US4196159 A, US3973977 A, US3864154 A, US3789096 A, US3473987 A, US3473938 A, US3437468 A, US3421863 A, US3419404 A, US3298842 A, US3296002 A, US3255027 A, US2741822 A, US1085713 A, EP0262075 A1, EP0193292 A2, EP0169067 A2, EP0155831 A2, EP0116809 A1,

0) US2753792A – CHARACTER PRINTING DEVICES

19) Family number: 19893452 (US2753792A) © PatBase

Title: Character printing devices

Priority: US19420467244 19421128 US19450638343 19451229 US19460669860 19460515 US19500202112 19501221

Family:

Publication number	Publication date	Application number	Application date
DE871543 A	19530326	DE1950I002042	19500922
GB586596 A	19470325	GB19430019692	19431125
US2493858 A	19500110	US19420467244	19421128
US2566927 A	19510904	US19450638343	19451229
US2569799 A	19511002	US19460669860	19460515
US2753792 A	19560710	US19500202112	19501221

Probable Assignee: IBM

Assignee(s):(std): IBM ; IBM DEUTSCHLAND ; BRITISH TABULATING MACH CO LTD

Assignee(s): BRITISH TABULATING MACHINE CO LTD ; INT BUSINESS MACHINES CORP ; IBM DEUTSCHLAND INT BUERO MASCH GES ; IBM DEUTSCHLAND INT BUERO MASCH GES M B H ; IBM DEUTSCHLAND INT BUERO MASCH GES MBH

Inventor(s):(std): CARROLL FRED M ; CARROLL FRED MERCHANT ; SMITH ARTHUR F

International class (IPC 8–9): B41L45/00 G06K13/07 G06K13/12 (Advanced/Invention);
B41L45/00 G06K13/02 (Core/Invention)

International class (IPC 1–7): B41J1/48 G06C21/00 G06F15/02 G06K1/12 G06K13/10 G06K15/02

CPC: B41L45/00 G06K13/07 G06K13/12

European class: B41L45/00 G06K13/07 G06K13/12

US class:

101/93.25 209/554 235/433 235/434 235/442 235/475 235/61PM 271/10.16 271/273 439/43

Classification Explorer

Cited documents: US2492263 A, US2387861 A, US2381862 A, US2359670 A, US2328638 A, US2286812 A, US2251221 A, US2244241 A, US2224774 A, US2199561 A, US2199547 A, US2181211 A, US2174699 A, US2174685 A, US2174683 A, US2156969 A, US2153180 A, US2131918 A, US2126621 A, US2093566 A, US2093529 A, US2076713 A, US2066748 A, US2046464 A, US2046027 A, US2030427 A, US2016711 A, US2016682 A, US1994524 A, US1971859 A, US1954041 A, US1935442 A, US1933331 A, US1914285 A, US1909548 A, US1875850 A, US1862032 A, US1827259 A, US1710691 A, US1702628 A, US1667881 A, US1633936 A, US1597941 A, US1537594 A, US1486149 A, GB218394 A,

0) US2753795A – ROTARY OFFSET DUPLICATING MACHINE

20) Family number: 21740572 (US2753795A) © PatBase

Title: ROTARY OFFSET DUPLICATING MACHINE

Priority: US19500154009 19500405

Family:

Publication number	Publication date	Application number	Application date
US2753795 A	19560710	US19500154009	19500405

Probable Assignee: DITTO INC

Assignee(s):(std)**:** DITTO INC

Inventor(s):(std)**:** BRUNS HERBERT F

International class (IPC 8–9): B41L19/00 (Advanced/Invention); B41L19/00 (Core/Invention)

International class (IPC 1–7): B41L17/14

CPC: B41L19/00

European class: B41L19/00

US class: 101/144 101/147 101/148 101/271 101/365 101/80 271/12

Classification Explorer

Cited documents: US841142 A, US746124 A, US350056 A, US2542073 A, US2539383 A, US2459922 A, US2408449 A, US2397053 A, US2387750 A, US2347619 A, US2335010 A, US2328990 A, US2317993 A, US2310363 A, US2306044 A, US2273476 A, US2247473 A, US2183720 A, US2158047 A, US2129230 A, US2102641 A, US2070903 A, US1853781 A, US1849143 A, US1613255 A, US1061526 A,

0) US2390163A – TYPEWRITING ACCOUNTING MACHINE

21) Family number: 31425403 (US2390163A) © PatBase

Title: TYPEWRITING ACCOUNTING MACHINE

Priority: DE1935M131403 19350629 US19360086664 19360622

Family:

Publication number	Publication date	Application number	Application date
DE717319 A	19420304	DE1935M131403D	19350629
GB472776 A	19370930	GB19360017413	19360623
US2390163 A	19451204	US19360086664	19360622

Probable Assignee: MERCEDES BUEROMASCHINEN WERKE

Assignee(s):(std)**:** ERICH MEZ ; FRIEDRICH POTT ; MERCEDES BUEROMASCHINEN WERKE ; WERNER HEINZE

Assignee(s): MERCEDES BUEROMASCHINEN WERKE AG ; MERCEDES BUEROMASCHINEN WERKE AKTIENGESELLSCHAFT

Inventor(s):(std)**:** ERICH MEZ ; FRIEDRICH POTT ; WERNER HEINZE

Inventor(s): HEINZE WERNER ; MEZ ERICH ; POTT FRIEDRICH

International class (IPC 8–9): C10L1/00 (Advanced/Invention)

International class (IPC 1–7): G06K15/02

CPC: C10L1/00

European class: 23B7F+Z C10L1/00

US class: 235/59.0TP 235/59TP 235/61PH

Classification Explorer

0) US2590625A – SORTING DEVICE

22) Family number: 22646904 (US2590625A) © PatBase

Title: SORTING DEVICE

Priority: US19500162222 19500516

Family:

Publication number	Publication date	Application number	Application date
US2590625 A	19520325	US19500162222	19500516

Probable Assignee: BELL TELEPHONE LABOR INC

Assignee(s):(std)**:** BELL TELEPHONE LABOR INC

Assignee(s): BELL TELEPHONE LABORATORIES INC

Inventor(s):(std)**:** JOEL JR AMOS E

Inventor(s): JR AMOS E JOEL

International class (IPC 8–9): H04M15/38 (Advanced/Invention); H04M15/38 (Core/Invention)

International class (IPC 1–7): G06F7/22

CPC: H04M15/38

European class: H04M15/38

US class: 234/1 234/25 234/43 234/73 235/434 235/61PL 379/127.01

Classification Explorer

Cited documents: US2473437 A, US2386763 A, US2204957 A, US2112951 A, US2031686 A,

0) US2765735A – SELECTIVE PRINTING MACHINE FOR PRINTING BOTH SI...

23) Family number: 22391931 (US2765735A) © PatBase

Title:	SELECTIVE PRINTING MACHINE FOR PRINTING BOTH SIDES OF A BILL
Priority:	US19510262758 19511221

Family:

Publication number	Publication date	Application number	Application date
US2765735 A	19561009	US19510262758	19511221

Probable Assignee:	IBM
Assignee(s):(std):	IBM
Assignee(s):	INT BUSINESS MACHINES CORP
Inventor(s):(std):	DALY GEORGE F ; SEBESTA ALFRED C
International class (IPC 8–9):	B41L21/00 (Advanced/Invention); B41L21/00 (Core/Invention)
International class (IPC 1–7):	G06K15/02
CPC:	B41L21/00
European class:	B41L21/00
US class:	101/230 101/91 414/419

Classification Explorer

Cited documents: US369792 A, US272834 A, US2629323 A, US2625101 A, US2541752 A, US2489153 A, US2230706 A, US2226068 A, US2053063 A, US2046464 A, US2036027 A, US2017191 A, US2013533 A, US1935799 A, US1115646 A, US1040201 A, GB621533 A,

0) US2889110A – BILL FEEDING AND PIERCING DEVICES

24) Family number: 22751613 (US2889110A) © PatBase

Title:	BILL FEEDING AND PIERCING DEVICES
Priority:	US19530362711 19530619

Family:

Publication number	Publication date	Application number	Application date
US2889110 A	19590602	US19530362711	19530619

Probable Assignee:	IBM
Assignee(s):(std):	IBM
Assignee(s):	INT BUSINESS MACHINES CORP ; INTERNATIONAL BUSINESS MACHINES CORP
Inventor(s):(std):	JOHNSON REYNOLD B ; JURGENS HENRY A ; KORANYE THEODORE D ; MONEAGLE OTTO F ; PRATER MERLE P
International class (IPC 1–7):	G06K13/08
CPC:	H03M1/00
US class:	101/93.07 234/46 234/56 234/72 235/434

Classification Explorer

Cited documents: USRE21133 E, US2667535 A, US2660372 A, US2632643 A, US2580693 A, US2557797 A, US2540026 A, US2537778 A, US2531885 A, US2516013 A, US2490346 A, US2480780 A, US2426049 A, US2415279 A, US2354549 A, US2255794 A, US2244242 A, US2224765 A, US2178879 A, US2172758 A, US2093529 A, US2046001 A, US2027177 A,

0) US2404149A – CONTOURING MACHINE

25) Family number: 19082727 (US2404149A) © PatBase

Title: CONTOURING MACHINE

Priority: GB19410013815 19411027 GB19430004724 19411027 US19430474265 19430201 US19410407670 19410820

Family:

Publication number	Publication date	Application number	Application date
GB556104 A	19430920	GB19430004724	19411027
US2365365 A	19441219	US19410407670	19410820
US2404149 A	19460716	US19430474265	19430201

Probable Assignee: MERCO TRINKLE MACHINE CO

Assignee(s):(std)**:** DALLAS RHEA TRINKLE ; MERCO TRINKLE MACHINE CO

Inventor(s):(std)**:** RHEA TRINKLE DALLAS ; TRINKLE DALLAS R

Inventor(s): TRINKLE DALLAS RHEA

International class (IPC 8–9)**:** B23C3/00 B23Q11/10 B23Q3/10 B23Q35/127 G05B19/42 (Advanced/Invention); B23C3/00 B23Q11/10 B23Q3/02 B23Q35/00 G05B19/42 (Core/Invention)

International class (IPC 1–7)**:** B23C3/20 B23Q35/12 B23Q35/121 B23Q35/20 B44B3/00 G05D3/04

CPC: B23Q35/127 G05B19/4205 G05B2219/49221 G05B2219/50289 Y10T409/302912 B23C3/00 Y10T408/23 Y10T408/46 Y10T409/307 B23Q3/10 B23Q11/1015 Y10T409/304032 Y10T409/306776 Y10T409/309352

European class: B23C3/00 B23Q11/10 B23Q3/10 B23Q35/127 G05B19/42B1 S05B219/49221 S05B219/50289

US class: 234/117 234/3 234/75 408/17 408/61 409/116 409/136 409/185 409/189 409/231

Classification Explorer

0) US2543435A – RECORD FORMING, TRANSLATING AND PRINTING APPARA...

26) Family number: 22534421 (US2543435A) © PatBase

Title: RECORD FORMING, TRANSLATING AND PRINTING APPARATUS, AND AUTOMATIC CONTROL MECHANISMS THEREFOR

Priority: US19450638202 19451229

Family:

Publication number	Publication date	Application number	Application date
US2543435 A	19510227	US19450638202	19451229

Probable Assignee: GORTON GEORGE MACHINE CO

Assignee(s):(std)**:** GEORGE GORTON MACHINE CO ; GORTON GEORGE MACHINE CO

Inventor(s):(std)**:** BUCKLEY ARTHUR H

CPC: H04L17/08

US class: 234/108 234/128 234/36 234/41 234/54 234/82 400/184 400/62 400/73 400/80

Classification Explorer

Cited documents: US983254 A, US964678 A, US888807 A, US848653 A, US638591 A, US2390413 A, US2378371 A, US2377801 A, US2377205 A, US2318299 A, US2240562 A, US2199541 A, US2183820 A, US2181999 A, US2018420 A, US2003636 A, US2002516 A, US1985101 A, US1975791 A, US1969045 A, US1896554 A, US1848106 A, US1827362 A, US1800596 A, US1717819 A, US1520478 A, US1292944 A, US1194357 A, US1034131 A,

0) GB577042A – IMPROVEMENTS IN JUSTIFYING DEVICES FOR TYPEWRIT...

27) Family number: 19267592 (GB577042A) © PatBase

Title: Improvements in justifying devices for typewriters

Family:

Publication number	Publication date	Application number	Application date
GB577042 A	19460502	GB19430019708	19431125

Probable Assignee: IBM

Assignee(s):(std)**:** IBM

Assignee(s): INT BUSINESS MACHINES CORP

International class (IPC 8–9)**:** B41J19/64 (Advanced/Invention); B41J19/60 (Core/Invention)

International class (IPC 1–7)**:** B41J19/64

CPC: B41J19/64

European class: B41J19/64

Classification Explorer

0) US3670144A – ELECTRONIC PLUGBOARD CONTROLLED DATA PROCESSOR ...

28) Family number: 251120 (US3670144A) © PatBase

Title: ELECTRONIC PLUGBOARD CONTROLLED DATA PROCESSOR

Priority: FR19630938417 19630618 US19620203071 19620618

Family:

Publication number	Publication date	Application number	Application date
AU3153063 A1	19641210	AU19630031530	19630605
BE633718 A	00000000		00000000
DE1449567 A1	19690514	DE19631449567	19630614
DE1449567 B2	19731115	DE19631449567	19630614
DE1449567 C3	19740606	DE19631449567	19630614
FR1361640 A	19640522	FR19630938417	19630618
GB1015651 A	00000000		00000000
NL294203 A	00000000		00000000
US3670144 A	19720613	US19620203071	19620618

Probable Assignee: SPERRY RAND CORP

Assignee(s):(std): SPERRY RAND CORP

Assignee(s): SPERRY RAND CORP NEW YORK N Y V ST A

Inventor(s):(std): ALBERT LEE CHARLES ; ANNE BRESLIN MARY ; BRESLIN MARY ANNE ; COGAR GEORGE R ; GUIDOTE SEVILLA ERNESTO ; JOHN ROMEO ALBERT ; LEE CHARLES A ; LEE CHARLES ADELBERT ; ORIE NEDDENRIEP DONALD ; R COGAR GEORGE ; ROMEO ALBERT J ; ROMEO ALBERT JOHN ; SEKSE TORKJELL ; SEVILLA ERNESTO G ; SEVILLA ERNESTO GUIDOTE ; NEDDENRIEP DONALD O ; NEDDENRIEP DONALD ORIE

Inventor(s): NEDDENRIEP DONALD ORIE WILLOW GROVE ; ALBERT J ROMEO ; TORKJELL SEKSE ; ROMEO ALBERT JOHN SPRINGFIELD ; LEE CHARLES ADELBERT STAMFORD CONN ; MARY ANNE BRESLIN ; DONALD O NEDDENRIEP ; ERNESTO G SEVILLA ; GEORGE R COGAR ; GEORGE RICHMOND COGER CHARLES ADELBERT LEE DONALD ORIE NEDDENRIEP MARYANNE BRESLIN ALBERT JOHN ROMEO ERNESTO GUIDOTE SEVILLA AND TORKJELL SERSE ; BRESLIN MARY ANNE PHILADELPHIA ; CHARLES A LEE

International class (IPC 8–9): G06F15/08 G06F3/08 (Advanced/Invention); G06F15/08 G06F3/08 (Core/Invention)

International class (IPC 1–7): G06F15/00 G06F15/08 G06F7/00 G06F7/12 G06F9/02

CPC: G06F3/08 G06F15/08

European class: G06F15/08 G06F3/08

US class: 235/432 235/434 235/61.9 340/172.5

Classification Explorer

Cited documents: US3035764 A, US2973141 A, US2910240 A, US2907526 A, US2615629 A, US2493858 A,

0) US3001582A – MOLDING FORM

29) Family number: 22907875 (US3001582A) © PatBase

Title: MOLDING FORM

Priority: US19580713762 19580206 US19580765573 19581006

Family:

Publication number	Publication date	Application number	Application date
US3001582 A	19610926	US19580713762	19580206
US3161705 A	19641215	US19580765573	19581006

Probable Assignee: BEMIS BRO BAG CO

Assignee(s):(std): BEMIS BRO BAG CO

Assignee(s): BEMIS BRO BAG COMPANY

Inventor(s):(std): JOHNSON JOHN A ; KINDSETH HAROLD V ; LUDLOW THOMAS B

International class (IPC 8–9): B29C51/14 B29C51/36 D21J5/00 D21J7/00 (Advanced/Invention); B29C51/14 B29C51/30 D21J5/00 D21J7/00 (Core/Invention)

International class (IPC 1–7): B29C1/00 B29C1/02 B29C17/03 D21J7/00

CPC: D21J5/00 Y10S264/78 B29C51/365 B29C51/14 D21J7/00

European class: B29C51/14 B29C51/36B D21J5/00 D21J7/00

US class: 156/285 156/289 162/387 162/411 249/113 249/134 264/126 264/219 264/510 264/554 264/DIG.78 425/176

Classification Explorer

Cited documents:

US342176 A, US2978376 A, US2841823 A, US2796634 A, US2783175 A, US2723600 A, US2718826 A, US2670501 A, US2590221 A, US2585049 A, US2471932 A, US2424189 A, US2354916 A, US2320789 A, US2187918 A, US1984018 A, US1737874 A, GB627856 A, AU117319,

0) US4391898A – METHOD OF MAKING A SLEEVE FOR A PRINTING CYLIND...

30) Family number: 24048522 (US4391898A) © PatBase

Title: METHOD OF MAKING A SLEEVE FOR A PRINTING CYLINDER

Priority: CA19810380743 19810626 EP19810200736 19810630 NL19800003895 19800704

Family:

Publication number	Publication date	Application number	Application date
AT15992 E	19851015	AT19810200736T	19810630
CA1170012 A1	19840703	CA19810380743	19810626
DE3172592 D1	19851114	DE19813172592	19810630
EP0043623 A1	19820113	EP19810200736	19810630
EP0043623 B1	19851009	EP19810200736	19810630
ES503694 A0	19830801	ES19810503694	19810704
ES8307589 A1	19831101	ES19810503694	19810704
FI69010 B	19850830	FI19810002095	19810702
FI69010 C	19851210	FI19810002095	19810702
FI812095 A	19820105	FI19810002095	19810702
FI812095 L	19820105	FI19810002095	19810702
JP57086834 A2	19820531	JP19810103480	19810703
NL8003895 A	19820201	NL19800003895	19800704
US4391898 A	19830705	US19810277866	19810626
USRE32228 E	19860819	US19850750139	19850701

Probable Assignee: STORK SCREENS BV

Assignee(s):(std)**:** STORK SCREENS B V ; STORK SCREENS B V TE BOXMEER ; STORK SCREENS BV ; SUTORUKU SUKURIINZU BV

Assignee(s): VELDEN HENDRICUS J VAN D ; STORK SCREENS TE BOXMEER BV

Inventor(s):(std)**:** HENDORIKUFU YOHANESU FUERUDEN ; VAN DER VELDEN HENDRICUS J ; VAN DER VELDEN HENDRICUS JOHAN ; VELDEN HENDRICUS J VAN D ; VELDEN HENDRICUS JOHANNES VAN ; VELDEN HENDRICUS JOHANNES VAN D ; VELDEN HENDRICUS JOHAN VAN D

Inventor(s): VELDEN HENDRICUS JOHANNES VAN DER ; VAN DER VELDEN HENDRICUS JOHANNES

Designated states: AT BE CH DE FR GB IT LI LU NL SE

International class (IPC 8–9): B29C41/36 B29C63/00 B41C1/18 B41N1/22 G03F7/00 G03F7/12 G03F7/18 (Advanced/Invention); B29C41/34 B29C63/00 B41C1/00 B41N1/00 G03F7/00 G03F7/12 G03F7/18 (Core/Invention)

International class (IPC 1–7): B29C27/28 B29C41/36 B41C1/14 B41C1/18 B41F B41N1/22 G03F7/02 G03F7/12 G03F7/18

CPC: Y10S101/39 G03F7/18 B29C63/00 B41C1/182 B41N1/22 Y10T29/49549 Y10T29/4956 Y10T156/1033

European class: B29C63/00 B41C1/18A B41N1/22 G03F7/18

US class: 101/368 101/DIG.16 101/DIG.39 156/215 156/281 156/286 156/294 156/311 156/323 29/132 29/148.4D 29/895.21 29/895.3 430/306 430/307 492/48 492/51 492/56

Classification Explorer

Cited documents: US3962394 A, US3928101 A, US3865589 A, US3724047 A, US3575756 A, US3146709 A, US3010194 A, US2721601 A, US2517701 A, JPS5433103, JPS49135711, JP54043403 B4, JP54033103 A2, JP49135711 A2, GB1579817 A, GB1116287 A, FR1373001 A, DE1652452 A1, DE1447874 A1, CH405842 A,

0) WO10116154A1 – HAND TOOL OUTIL A MAIN

31) Family number: 43424063 (WO10116154A1) © PatBase

Title: HAND TOOL

Priority: GB20090006203 20090409

Family:

Publication number	Publication date	Application number	Application date
GB200906203 A0	20090520	GB20090006203	20090409
GB2469330 A1	20101013	GB20090006203	20090409
WO10116154 A1	20101014	WO2010GB00731	20100409

Probable Assignee: CHIARELLA CARLO B

Assignee(s):(std)**:** CHIARELLA CARLO B ; CHIARELLA CARLO BRUNO

Assignee(s): CARLO BRUNO CHIARELLA

Inventor(s):(std)**:** CHIARELLA CARLO BRUNO

Inventor(s): CARLO BRUNO CHIARELLA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B26B1/02 B26B11/00 B26B25/00 B26B5/00 B26D1/14 B26D3/08 (Advanced/Invention)

CPC: B26B11/00 B26B1/02 B26B25/005 B26D1/14 B26D3/08

European class: B26B1/02 B26B11/00 B26B25/00

Classification Explorer

Cited documents: US7266854, US5778536, US5649365, US5144749, US4974320, US4020550, US1990967, EP0543781, CA2606891,

0) GB324895A – IMPROVEMENTS IN AND RELATING TO FEEDING DEVICES...

32) Family number: 18657583 (GB324895A) © PatBase

Title: Improvements in and relating to feeding devices for webs of paper and other material

Priority: GB19280028535 19281004

Family:

Publication number	Publication date	Application number	Application date
GB324895 A	19300204	GB19280028535	19281004

Probable Assignee: JOHN MCKERROW KNOWLSON

Assignee(s):(std)**:** ARNOLD BOOTHROYD ; JOHN MCKERROW KNOWLSON

International class (IPC 8–9): B65H23/188 (Advanced/Invention); B65H23/188 (Core/Invention)

International class (IPC 1–7): B31B23/02 B65H25/24

CPC: B65H23/1882

European class: B65H23/188A

Classification Explorer

0) US2870840A – WEB CUTTING APPARATUS

33) Family number: 24870828 (US2870840A) © PatBase

Title: WEB CUTTING APPARATUS

Priority: AT19570006767 19571018 DE1957P019324 19570913 US19570659511 19570516 GB19570027430 19570830

Family:

Publication number	Publication date	Application number	Application date
AT213221 B	19610125	AT19570006767	19571018
BE662381 A	19650802	BE19650662381	19650412
CA614504 A	19610214		00000000
DE1061173 B	19590709	DE1957P019324	19570913
FR1196837 A	19591126		00000000
GB825724 A	19591223	GB19570027430	19570830
IT578371 A	00000000		00000000
SE196707 C	00000000		00000000
SE196707 C1	19650615	SE19570008265	19570911
US2870840 A	19590127	US19570659511	19570516

Probable Assignee: PAPER CONVERTING MACHINE CO

Assignee(s):(std): PAPER CONVERTING MACHINE CO

Assignee(s): PAPER CONVERTING MACHINE CO INC ; EDWIN M KWITEK

Inventor(s):(std): KWITEK EDWIN M ; KWITEK EDWIN MARTIN

Inventor(s): EDWIN M KWITEK

International class (IPC 8–9): B26D1/00 B26D1/38 B26F1/18 B26F1/20 D06H7/02 (Advanced/Invention); B26D1/00 B26D1/01 B26F1/00 D06H7/00 (Core/Invention)

International class (IPC 1–7): B26F1/20 B31B23/14 D06H7/02 G06K1/10

CPC: D06H7/02 B26D1/00 B26D1/0006 B26D1/385 B26D2001/0033 B26D2001/0046 B26D2001/006 B26D2001/0066 B26F1/18 B26F1/20 Y10T83/4702 Y10T83/4827 Y10T83/4847 Y10T83/9396 Y10T83/9408

European class: B26D1/00 B26D1/00C B26D1/38B B26F1/18 B26F1/20 D06H7/02 L26D1/00C10 L26D1/00C14 L26D1/00C16 L26D1/00C6

US class: 83/302 83/342 83/349 83/673 83/678

Classification Explorer

Cited documents: US936383 A, US707885 A, US5672 A, US404582 A, US2805715 A, US2778425 A, US2592268 A, US2586462 A, US2582522 A, US2478240 A, US2067456 A, US2034161 A, US1867884 A, US1714583 A, US1398474 A, US13153 A, US1081507 A, GB695757 A, GB651326 A, GB386357 A, GB189957 A,

0) US4365502A – WIRE DRAWING DIE AND METHOD OF MAKING THE SAME

34) Family number: 29256407 (US4365502A) © PatBase

Title: Wire drawing die and method of making the same

Priority: CA19810390395 19811118 US19800208198 19801119 WO1981US01495 19811109

Family:

Publication number	Publication date	Application number	Application date
CA1190187 A1	19850709	CA19810390395	19811118
DE3163671 D1	19840620	DE19813163671	19811117
EP0053087 A1	19820602	EP19810630077	19811117
EP0053087 B1	19840516	EP19810630077	19811117
JP3064209 B4	19911004	JP19810503717T	19811109
JP57501914 T2	19821028	JP19810503717T	19811109
US4365502 A	19821228	US19800208198	19801119
WO8201673 A1	19820527	WO1981US01495	19811109

Probable Assignee: FORT WAYNE WIRE DIE INC

Assignee(s):(std)**:** FORT WAYNE WIRE DIE INC

Assignee(s): FUOOTO UEIN WAIYA DAI INC ; CARSON CHARLES

Inventor(s):(std)**:** CARSON CHARLES

Inventor(s): KAASON CHAARUZU

Designated states: BE DE FR GB IT JP NL SE

International class (IPC 8–9): B21C1/02 B21C3/02 B21C3/18 B21K5/20 (Advanced/Invention); B21C3/00 B21K5/00 (Core/Invention)

International class (IPC 1–7): B21C1/02 B21C3/02 B21C3/18 B21K5/20 B22F7/04

CPC: B21C3/025 B21C3/18

European class: B21C3/02D B21C3/18

US class: 72/467 76/107.4

Classification Explorer

Cited documents: US4129052 A, US3978744 A, US2778250 A, US2699692 A, US2216652 A, US2171323 A, US2003475 A, US1624027 A, GB667809 A, GB581969 A, CA522924 A,

0) WO9015905A2 – CONSTRUCTION SYSTEM CONSISTING OF MOULDED BRICK...

35) Family number: 29366057 (WO9015905A2) © PatBase

Title: CONSTRUCTION SYSTEM CONSISTING OF MOULDED BRICKS AND LIGHT SUPPORTING FRAMEWORKS

Priority: DE19893920357 19890619 DE19905005135 19900619 WO1990DE00472 19900619 EP19900909127 19900619

Family:

Publication number	Publication date	Application number	Application date
AT103358 E	19940415	AT19900909127T	19900619
AU199058199 A1	19910108	AU19900058199	19900619
CA2062722 AA	19911219	CA19902062722	19900619
DD296522 A5	19911205	DD19900341825	19900619
DE59005135 D1	19940428	DE19905005135	19900619
EP0479816 A1	19920415	EP19900909127	19900619
EP0479816 B1	19940323	EP19900909127	19900619
EP0634534 A1	19950118	EP19930250255	19900619
ES2054359 T3	19940801	ES19900909127T	19900619
JP7504240 T2	19950511	JP19900508614T	19900619
WO9015905 A2	19901227	WO1990DE00472	19900619
WO9015905 A3	19910613	WO1990DE00472	19900619

Probable Assignee: WERNER HILMAR WB

Assignee(s):(std)**:** HILMAR WERNER ; WERNER HILMAR ; WERNER HILMAR WB

Assignee(s): WERNER HILMAR 1000 BERLIN DE

Inventor(s):(std)**:** HILMAR WERNER ; WERNER HILMAR ; HILMAR WERNER DE

Inventor(s): WERNER HILMAR 1000 BERLIN DE

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CM DE DK ES FI FR GA GB HU IT JP KP KR LI LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG US

International class (IPC 8–9): E04B1/16 E04B2/02 E04B2/46 E04B2/86 E04B5/38 E04B5/40 E04C2/34 (Advanced/Invention); E04B2/02 E04B2/86 E04C2/34 (Advanced/Non–invention); E04B5/32 (Core/Invention)

International class (IPC 1–7): B21D26/02 E04B1/00 E04B1/16 E04B2/02 E04B2/46 E04B5/38 E04B5/40 E04C2/32

CPC: E04B1/161 E04B2/46 E04B2/8629 E04B2002/0215 E04C2/3405 E04C2002/3438 E04C2002/3494

European class: E04B1/16A E04B2/46 E04C2/34B P04B2/02M1E P04B2/86F1 P04C2/34B1D1 P04C2/34F

Classification Explorer

Cited documents: WO8705262 A1, US4741139 A, US4622796 A, US4314431 A, US3950585 A, US3876492 A, US3618279 A, US3154038 A, US3131789 A, US2858247 A, US2738297 A, US2699599 A, GB2195736 A1, GB2085502 A1, FR587765 A, FR2609483 A1, FR2593211 A1, FR2269617 A1, FR2124903 A5, FR2106605 A3, EP0146667 A2, EP0052082 A1, DE3344038 A1, DE3125367 A1, DE2736921 A1, DE1659206 A1,

0) US3491767A – METHOD AND APPARATUS FOR REJECTING DEFECTIVE AR...

36) Family number: 21371248 (US3491767A) © PatBase

Title: METHOD AND APPARATUS FOR REJECTING DEFECTIVE ARTICLES

Priority: GB19610024631 19610707 GB19610024631 19610717 GB19620025780 19620705 US19660544025 19660420 US19620208030 19620706

Family:

Publication number	Publication date	Application number	Application date
GB1048653 A	19661116	GB19610024631	19610717
GB1048656 A	19661116	GB19620025780	19620705
US3368671 A	19680213	US19660544025	19660420
US3491767 A	19700127		19671009

Probable Assignee:	HAUNI WERKE KOERBER AND CO KG
Assignee(s):(std):	HAUNI WERKE KOERBER AND CO KG ; KURT KOERBER
Assignee(s):	HAUNI WERKE KORBER AND CO KG
Inventor(s):(std):	KAEDING HEINZ ; HEINZ KAEDING
International class (IPC 8–9):	A24C5/34 (Advanced/Invention); A24C5/32 (Core/Invention)
International class (IPC 1–7):	A24B3/00 A24C5/12 A24C5/345 G01M19/00 G01N19/08 G01N37/00
CPC:	A24C5/3418 Y10S131/907 A24C5/34
European class:	A24C5/34 A24C5/34C
US class:	131/21 131/907 131/94 209/3.2 209/3.3 209/535 209/644 209/73 73/45.1 73/45.2
Classification Explorer	
Cited documents:	US3260349 A, US3237444 A, US3067754 A, US3033366 A, US3016141 A, US2989735 A, US2951364 A, US2945587 A, US2905319 A, US2817438 A, US2732503 A, US2580940 A, US2320346 A, US2246107 A, US1977239 A, US1967624 A,

0) US2501444A – CALCULATING MACHINE

37) Family number: 22486541 (US2501444A) © PatBase

Title:	CALCULATING MACHINE
Priority:	US19460676329 19460612 US19480000278 19480102 US19480000279 19480102

Family:

Publication number	Publication date	Application number	Application date
US2501444 A	19500321	US19460676329	19460612
US2513998 A	19500704	US19480000278	19480102
US2581649 A	19520108	US19480000279	19480102

Probable Assignee:	ADDRESSOGRAPH MULTIGRAPH
Assignee(s):(std):	ADDRESSOGRAPH MULTIGRAPH
Assignee(s):	ADDRESSOGRAPH MULTIGRAPH CORP
Inventor(s):(std):	GOLLWITZER WALTER T
International class (IPC 8–9):	B41L47/58 G06C19/04 (Advanced/Invention); B41L47/00 G06C19/00 (Core/Invention)
CPC:	G06C19/04 B41L47/58
European class:	B41L47/58 G06C19/04
US class:	101/93.44 235/420 235/428 235/429 235/60.31
Classification Explorer	
Cited documents:	US2411050 A, US2346265 A, US2313982 A, US2258091 A, US2221861 A, US2153299 A, US2141333 A, US2140136 A, US2110987 A, US2100213 A, US2052905 A, US2014561 A, US1946505 A, US1938168 A, US1885960 A, US1876057 A, US1874709 A, US1812161 A, US1780884 A, US1780621 A, US1778506 A, US1734538 A, US1730147 A, US1641126 A, US1580492 A, US1562491 A, US1533119 A, US1330278 A, US1247670 A, US1013910 A,

0) US2958568A – PERMANENT MAGNET CODE RECORDING SYSTEM

38) Family number: 30954036 (US2958568A) © PatBase

Title: PERMANENT MAGNET CODE RECORDING SYSTEM

Priority: US19560561888 19560127

Family:

Publication number	Publication date	Application number	Application date
BE553500 A	00000000		00000000
FR1166542 A	19581112		19561219
GB806336 A	19581223	GB19570002783	19570125
US2958568 A	19601101	US19560561888	19560127

Probable Assignee: BELL TELEPHONE LABOR INC

Assignee(s):(std)**:** BELL TELEPHONE LABOR INC ; WESTERN ELECTRIC CO

Assignee(s): WESTERN ELECTRIC CO INC ; BELL TELEPHONE LABORATORIES INC

Inventor(s):(std)**:** HAGELBARGER DAVID W

International class (IPC 8–9): B41J3/50 B41J3/51 (Advanced/Invention); B41J3/44 (Core/Invention)

International class (IPC 1–7): B41J3/16 B41J3/51 G06K1/12 G06K1/20 G06K15/14 G09C3/00

CPC: B41J3/50 B41J3/51

European class: B41J3/50 B41J3/51

US class: 101/109 101/90 178/17R 360/125 360/4 400/105 400/81

Classification Explorer

Cited documents: US2540287 A, US2350893 A, US2114294 A,

0) US3209406A – ROTARY MOLDING APPARATUS

39) Family number: 29943889 (US3209406A) © PatBase

Title: ROTARY MOLDING APPARATUS

Priority: US19630267486 19630325 US19630267487 19630325

Family:

Publication number	Publication date	Application number	Application date
AU4242464 A1	19650930	AU19640042424	19640324
AU4242564 A1	19650930	AU19640042425	19640324
BE645680 A	19640716		19640325
DE1436952 A1	19690417	DE19641436952	19640324
DE1461507 A1	19690123	DE19641461507	19640324
GB1066322 A	19670426	GB19640012365	19640324
GB1066323 A	19670426	GB19640012369	19640324
LU45730 A	19640523		19640323
NL6403218 A	19640928	NL19640003218	19640325
NL6403219 A	19640928	NL19640003219	19640325
US3209406 A	19651005	US19630267486	19630325
US3347967 A	19671017	US19630267487	19630325

Probable Assignee: WALKER MFG CO

Assignee(s):(std)**:** WALKER MANUFACT CO ; WALKER MANUFACT COMPANY ; WALKER MFG CO

Assignee(s): WALKER MANUFACTURING COMPANY

Inventor(s):(std): BULTMAN FREDERICK H ; D HOPKINS JOHN ; H BULTMAN FREDERICK ; HAMKINS CLARK J ; HOPKINS JOHN D ; J HAMKINS CLARK ; J WHITTINGHAM DAVID ; K KRAUSE PAUL ; KRAUSE PAUL K ; WHITTINGHAM DAVID J

Inventor(s): JOHN DENISON HOPKINS CLARK JOHN HANKINS AND PAUL KENNETH KRAUSE ; JOHN DENISON HOPKINS DAVID JOHN WHITTINGHAM IV FREDERICK HENRY BULTMAN AND PAUL KENNETH KRAUSE

International class (IPC 8–9): B01D27/00 B01D27/02 B01D27/06 B01D29/00 B01D29/08 B01D39/16 B29C3/02 B29C35/02 B29C43/00 B29C43/08 B29C43/14 B29C43/34 B29C70/00 B29C70/14 B31D5/02 D04H13/00 D06P7/00 D21J3/00 D21J3/10 D21J7/00 (Advanced/Invention); B01D27/00 B01D29/00 B01D39/16 B29C35/02 B29C43/00 B29C43/04 B29C43/14 B29C43/34 B29C70/00 B29C70/10 D04H13/00 D06P7/00 D21J3/00 D21J7/00 (Core/Invention)

International class (IPC 1–7): B29D3/02

CPC: Y10S264/48 Y10S425/20 D21J7/00 B29C70/14 B29C35/0222 B29C43/08 B29C43/14 B29C43/34 B29C70/28 B29C2043/3272 B29K2061/04 B29K2105/25 B29K2503/00 B29L2031/14 B01D27/005 B29C2043/3283 B29C2043/3689 B29K2201/00 B29L2023/00

European class: B01D23/00B B01D27/00B B01D29/00B B29C35/02B B29C43/00 B29C43/08 B29C43/14 B29C43/34 B29C67/14C B29C70/14 B29C70/28 D21J7/00 L29C43/32B L29C43/32B2 L29C43/36H2 L29K105/25 L29K201/00 L29K503/00 L29K61/04 L29L23/00 L29L31/14

US class: 210/496 264/115 264/122 264/123 264/DIG.48 425/169 425/202 425/341 425/350 425/397 425/410 425/448 425/449 425/DIG.200

Classification Explorer

Cited documents: US3209406 A, US3131431 A, US3129464 A, US3102835 A, US3098297 A, US3078716 A, US3004878 A, US2997739 A, US2994107 A, US2904835 A, US2724147 A, US2571334 A, US2555109 A, US2286716 A, US2218456 A, IT478244 A, GB851363 A, DE592412 A,

0) US3145998A – BOTTOM STRUCTURE FOR LAMINATED SKI

40) Family number: 22978682 (US3145998A) © PatBase

Title: BOTTOM STRUCTURE FOR LAMINATED SKI

Priority: FR19630921900 19630118 US19620184254 19620402

Family:

Publication number	Publication date	Application number	Application date
AT266660 B	19681125	AT19620008557	19621030
CH398407 A	19660315	CH19630000705	19630121
DE1303496 B	00000000		00000000
FR1344116 A	19631122	FR19630921900	19630118
GB1027840 A	19660427	GB19620038061	19621008
US3145998 A	19640825	US19620184254	19620402

Probable Assignee: HART SKI MFG CO INC

Assignee(s):(std): HART SKI MFG CO ; HART SKI MFG CO INC

Assignee(s): HART SKI MANUFACTURING CO INC

Inventor(s):(std): HOLMBERG HARTVIG E ; HOLMBERG HARRY E ; HARTVIG EMANUEL HOLMBERG ; HARRY EARL HOLMBERG

Inventor(s): EMANUEL HOLMBERG HARTVIG ; EARL HOLMBERG HARRY

International class (IPC 8–9): A63C5/04 A63C5/056 A63C5/12 (Advanced/Invention); A63C5/00 A63C5/12 (Core/Invention)

International class (IPC 1–7): A63C5/04 A63C5/12

CPC: A63C5/04 A63C5/12

European class: A63C5/04 A63C5/12

US class: 280/610

Classification Explorer

Cited documents: US2851277 A, US2694580 A, US2648543 A, US2581532 A, US2446591 A, US1973343 A, GB631879 A, FR979589 A, CH204885 A, AT218934 B,

0) GB567005A – IMPROVEMENTS IN OR RELATING TO THE APPLICATION ...

41) Family number: 19143394 (GB567005A) © PatBase

Title: Improvements in or relating to the application of coatings to workpieces of sheet material

Priority: GB19430006450 19430422

Family:

Publication number	Publication date	Application number	Application date
GB567005 A	19450124	GB19430006450	19430422

Probable Assignee: BRITISH UNITED SHOE MACHINERY

Assignee(s):(std)**:** BRITISH UNITED SHOE MACHINERY

Assignee(s): THE BRITISH UNITED SHOE MACHINERY COMPANY LIMITED

International class (IPC 8–9): A43D25/18 (Advanced/Invention)

International class (IPC 1–7): A43D25/02

CPC: A43D25/18

European class: A43D25/18

Classification Explorer

0) US5284304A – PERFORATING APPARATUS FOR PAPER WEBS AND THE LI...

42) Family number: 17906809 (US5284304A) © PatBase

Title: PERFORATING APPARATUS FOR PAPER WEBS AND THE LIKE, WITH RECIPROCATING MOTION OF TRANSLATION OF THE COUNTER–BLADE

Priority: IT1991FI00072 19910403

Family:

Publication number	Publication date	Application number	Application date
AT112999 E	19941115	AT19920830148T	19920325
BRPI9201171 A	19921201	BR1992PI01171	19920402
CA2064680 AA	19921004	CA19922064680	19920401
DE69200533 D1	19941124	DE19926000533	19920325
DE69200533 T2	19950504	DE19926000533T	19920325
EP0507747 A1	19921007	EP19920830148	19920325
EP0507747 B1	19941019	EP19920830148	19920325
ES2062879 T3	19941216	ES19920830148T	19920325
IL101369 A1	19941229	IL19920101369	19920325
IT1247331 B	19941212	IT1991FI00072	19910403

ITFI910072 A0	19910403	IT1991FI00072	19910403
ITFI910072 A1	19921004	IT1991FI00072	19910403
JP5208775 A2	19930820	JP19920074014	19920330
KR19920019501 A	19921119	KR19920005496	19920402
US5284304 A	19940208	US19920856542	19920324

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI S P A LUCCA IT ; FABIO PERINI SPA ; FUABIO PERINI SPA

Inventor(s):(std)**:** BIAGIOTTI GUGLIELMO ; GUGURIERUMO BIAJIOTSUTEI

Inventor(s): BIAGIOTTI GUGLIELMO I 55012 CAPANNORI LUCCA IT ; GUGLIELMO BIAGIOTTI

Designated states: AT DE ES GB GR NL

International class (IPC 8–9): B26D7/08 B26F1/20 B65H19/22 B65H35/06 (Advanced/Invention); B26D7/08 B26F1/00 B65H19/22 B65H35/06 (Core/Invention); B31F (Subclass/Invention)

International class (IPC 1–7): B26D7/08 B26D7/08 B26F1/20 B65H19/22 B65H35/06 B65H35/08 B65H35/10

CPC: Y10T83/4815 Y10T83/9408 B26F1/20 B26D7/08 B65H2301/418925 B65H2408/235

European class: B26D7/08 B26F1/20 L65H301/41892A L65H408/235

US class: 242/526.1 242/533.2 242/541 242/56.8 83/338 83/678

Classification Explorer

Cited documents: US818065 A, US4295843 A, US4240312 A, US4074599 A, US3595117 A, US3086416 A, GB6293, GB2105688 A1, GB2105687 A1, GB2103139 A1, GB191006293 A, EP0197190 A2, DE97004 A, DE3225518 A1,

0) US4075047A – TIRE RETREADING SYSTEM

43) Family number: 18029539 (US4075047A) © PatBase

Title: TIRE RETREADING SYSTEM

Priority:

AT19760006053	19760813	AT19780007255	19760813	AT19800004278	19800822
CA19800345602	19800214	CA19760261038	19760913	CA19800345603	19800214
CA19800345604	19800214	CH19760011665	19760914	DE19762635466	19760806
FI19760001442	19760520	IE19760002247	19761012	US19750622419	19751014
NL19760004608	19760429	NL19760004608	19760429	US19780867612	19780106
US19780867611	19780106				

Family:

Publication number	Publication date	Application number	Application date
AT354280 B	19791227	AT19760006053	19760813
AT377470 B	19850325	AT19780007255	19760813
AT385721 B	19880510	AT19800004278	19800822
AT427880 A	19871015	AT19800004278	19800822
AT605376 A	19790515	AT19760006053	19760813
AT725578 A	19800815	AT19780007255	19760813
AU197617495 A1	19780216	AU19760017495	19760906
BE841752 A	19761112	BE19760166966	19760512
BE841752 A1	19761112	BE19760166966	19760512

CA1082864 A1	19800805	CA19760261038	19760913
CA1093262 A1	19810113	CA19800345602	19800214
CA1093262 A2	19810113	CA19800345602	19800214
CA1093263 A1	19810113	CA19800345603	19800214
CA1093263 A2	19810113	CA19800345603	19800214
CA1099865 A1	19810428	CA19800345604	19800214
CA1099865 A2	19810428	CA19800345604	19800214
CH619639 A	19801015	CH19760011665	19760914
CH637875 A	19830831	CH19800004994	19800627
DE2635466 A1	19770428	DE19762635466	19760806
DE2635466 B2	19790621	DE19762635466	19760806
DE2635466 C3	19820722	DE19762635466	19760806
DE2659952 B1	19801030	DE19762659952	19760806
DE2659952 C3	19850124	DE19762659952	19760806
DE2660244 B1	19791018	DE19762660244	19760806
DE7624789 U1	19780803	DE19760024789U	19760806
DE7732459 U1	19780615	DE19770032459U	19760806
DK129590 A	19900525	DK19900001295	19900525
DK129590 A0	19900525	DK19900001295	19900525
DK129690 A	19900525	DK19900001296	19900525
DK129690 A0	19900525	DK19900001296	19900525
DK129790 A	19900525	DK19900001297	19900525
DK129790 A0	19900525	DK19900001297	19900525
DK161372 B	19910701	DK19760004578	19761012
DK161372 C	19911216	DK19760004578	19761012
DK161755 B	19910812	DK19900001295	19900525
DK161755 C	19920217	DK19900001295	19900525
DK161756 B	19910812	DK19900001296	19900525
DK161756 C	19920217	DK19900001296	19900525
DK167914 B1	19940103	DK19900001297	19900525
DK457876 A	19770415	DK19760004578	19761012
ES447991 A1	19771001	ES19760447991	19760517
ES447991 A2	19771112	ES19760447991	19760517
ES459742 A1	19780401	ES19770459742	19770614
ES459742 A2	19780502	ES19770459742	19770614
ES513219 A2	19830415	ES19820513219	19820617
FI63345 B	19830228	FI19760001442	19760520
FI63345 C	19830610	FI19760001442	19760520
FI66310 B	19840629	FI19790001918	19790615
FI66310 C	19841010	FI19790001918	19790615
FI761442 A	19770415	FI19760001442	19760520
FI791918 A	19790615	FI19790001918	19790615
FR2327861 A1	19770513	FR19760030183	19761007
FR2327861 B1	19781222	FR19760030183	19761007
GR61657 B	19781205	GR19760151914	19761012
IE45076 B	19820616	IE19760002247	19761012
IE45076 L	19770414	IE19760002247	19761012
IE45077 B	19820616	IE19810003002	19761012
IE45077 L	19770414	IE19810003002	19761012
IE45078 B	19820616	IE19810003003	19761012

IE45078 L	19770414	IE19810003003	19761012
IE45079 B	19820616	IE19820000003	19761012
IE45079 L	19770414	IE19820000003	19761012
IT1073040 A	19850413	IT19760028333	19761014
LU75063 A	19770307	LU19760075063	19760601
NL181417 B	19870316	NL19760004608	19760429
NL181417 C	19870817	NL19760004608	19760429
NL187525 B	19910603	NL19870000004	19870105
NL187525 C	19911101	NL19870000004	19870105
NL7604608 A	19770418	NL19760004608	19760429
NL8700004 A	19870504	NL19870000004	19870105
NL8700004 A1	19870504	NL19870000004	19870105
NO149495 B	19840123	NO19760003338	19760930
NO149495 C	19840502	NO19760003338	19760930
NO152082 B	19850422	NO19810000314	19810129
NO152082 C	19850731	NO19810000314	19810129
NO763338 A	19770415	NO19760003338	19760930
NO810314 A	19770415	NO19810000314	19810129
NO810315 A	19770415	NO19810000315	19810129
OA5167 A	19810131	OA19750055668	19751118
PH15909 A	19830415	PH19760018649	19760606
PT65071 A	19760601	PT19760065071	19760505
PT65071 B	19770913	PT19760065071	19760505
SE420693 B	19811026	SE19760011358	19761013
SE420693 C	19820204	SE19760011358	19761013
SE7611358 A	19770415	SE19760011358	19761013
SE7611358 L	19770415	SE19760011358	19761013
TR19477 A	19790326	TR19760019477	19760628
US4075047 A	19780221	US19750622419	19751014
US4201610 A	19800506	US19780867612	19780106
US4203793 A	19800520	US19780867611	19780106
YU163381 A	19841231	YU19810001633	19810701
YU42411 B	19880831	YU19810001633	19810701

Probable Assignee: BANDAG LICENSING CORP

Assignee(s):(std)**:** BANDAG INC ; BANDAG INCORPORADET ; BANDAG LICENSING CORP ; BANDAG LICENSING CORP AN IOWA ; BANDAG LICENSING TE MUSCATINE IOWA VER CORP

Assignee(s): BANDAG LICENSING TE MUSCATINE IOWA VER ST V AM CORP ; BREWER DONALDEE ; BRODIE EDWIN TP ; BRODIE EDWIN T P ; BANDAG LICENSING AN IOWA CORP ; BANDAG INC MUSCATINE IA US ; BANDAG INC MUSCATINE IA V ST A ; BANDAG INC TE MUSCATINE IOWA VER ST V AM

Inventor(s):(std)**:** BRODIE E T ; BRODIE E T P ; BRODIE EDWIN T ; BRODIE EDWIN T P ; BRODIE EDWIN THOMAS PAUL ; PAUL BRODIE EDWIN THOMAS ; EDWIN THOMAS PAUL BRODIE ; E T P BRODIE ; DONALDEE BREWER ; D BREWER ; BRODIE ETP ; BRODIE EDWIN TP ; BREWER D ; BREWER DONALDEE

Inventor(s): BREWER DONALDEE MUSCATINE IA ; EDWIN THOMAS PAUL BRODIE AND DONALDEE BREWER

International class (IPC 8–9): B29C35/02 B29D30/56 (Advanced/Invention); B29C35/02 B29D30/52 (Core/Invention)

International class (IPC 1–7): B29C35/00 B29C35/02 B29D30/52 B29D30/56 B29H17/36 B29H17/37 B29H17/38 B29H5/01 B29H5/012 B29H5/02 B29H5/04 B30B12/00 B60C21/00

CPC:

Y10S156/909 B29D2030/545 B29C35/0233 B29D30/56 B29D2030/582 B29L2030/00 B29D2030/587

European class: B29C35/02C2 B29D30/56 L29D30/58A L29L30/00

US class: 156/285 156/286 156/289 156/382 156/394 156/421.2 156/909 156/96 157/1.1 157/11 425/18

Classification Explorer

Cited documents: US4123306 A, US3933551 A, US3884739 A, US3856601 A, US3779832 A, US3769121 A, US3752726 A, US3745084 A, US3743564 A, US3325326 A, US3236709 A, US2976910 A, US2966936 A, GB866405 A, GB746375 A, GB1319975 A, DE2343852 A1, DE1273175 B, DE1157770 B, DE1094976 B, DE1022000 B,

0) US2769024A – TELEVISION CONTROL SYSTEM

44) Family number: 30986043 (US2769024A) © PatBase

Title: TELEVISION CONTROL SYSTEM

Priority: GB19510020376 19510829 GB19540013637 19510829 GB19540013638 19510829 US19500189262 19501009

Family:

Publication number	Publication date	Application number	Application date
BE578898 A7	19591121	BE19590578898	19590521
BE578898 Q	19591121	BE19590578898	19590521
GB764076 A	19561219	GB19510020376	19510829
GB764077 A	19561219	GB19510020377	19510829
GB764078 A	19561219	GB19540013637	19510829
GB764079 A	19561219	GB19540013638	19510829
US2769024 A	19561030	US19500189262	19501009

Probable Assignee: INT TELEMENTER CORP

Assignee(s):(std)**:** INT TELEMENTER CORP ; INT TELEMETER CORP ; PARAMOUNT PICTURES CORP

Inventor(s):(std)**:** DEL RICCIO LORENZO ; GOTTFRIED R E ; GOTTFRIED ROBERT E ; HOFFMAN A D ; HOFFMANN ALLEN D ; RICCIO L DEL ; SKEIRIK R M ; SKEIRIK ROY M

Inventor(s): RICCIO LORENZO DEL ; RM SKEIRIK ; A D HOFFMAN ; AD HOFFMAN ; L DEL RICCIO ; R E GOTTFRIED ; R M SKEIRIK ; RE GOTTFRIED

International class (IPC 8–9): H04N7/06 H04N7/16 (Advanced/Invention)

International class (IPC 1–7): H04N7/16

CPC: H04N7/06 H04N7/164

European class: H04N7/06 H04N7/16E2B

US class: 194/221 340/4.4 340/825 348/E07.042 348/E07.062 348/E7.042 348/E7.062 348/E70.42 348/E70.62 380/227 380/240 725/143 725/2 725/7 725/9

Classification Explorer

Cited documents: US2656410 A, US2656407 A, US2573349 A, US2510046 A, US2393374 A, US2224702 A, US2000804 A, US1943130 A,

0) US2013146686A – METHOD AND INSTALLATION FOR COAL GRINDING IN IN...

45) Family number: 50751572 (US2013146686A) © PatBase

Title: METHOD AND INSTALLATION FOR COAL GRINDING IN INERT OPERATION OR IN NON–INERT OPERATION

Priority: DE201010036176 20100902 EP20110761498 20110823 WO2011EP04233 20110823

Family:

Publication number	Publication date	Application number	Application date
AU2011297994 AA	20120308	AU20110297994	20110823
AU2011297994 BB	20130801	AU20110297994	20110823
CA2792947 AA	20120308	CA20112792947	20110823
CN103052447 A	20130417	CN201180017333	20110823
CN103052447 B	20141203	CN201180017333	20110823
CO6630101 A2	20130301	CO20120175745	20121005
DE102010036176 A1	20120308	DE201010036176	20100902
DE502011001764 D1	20140130	DE201150001764T	20110823
DK2542346 T3	20140224	DK20110761498T	20110823
EA020075 B1	20140829	EA20110001157	20110901
EA201101157 A1	20120330	EA20110001157	20110901
EP2542346 A1	20130109	EP20110761498	20110823
EP2542346 B1	20131204	EP20110761498	20110823
ES2447849 T3	20140313	ES20110761498T	20110823
KR101622582 B1	20160531	KR20127026129	20110823
KR20130128306 A	20131126	KR20127026129	20110823
NZ602310 A	20131129	NZ20110602310	20110823
PT2542346 T	20140225	PT20110761498T	20110823
TW201213015 A	20120401	TW20110129185	20110816
TWI441686 B	20140621	TW20110129185	20110816
US2013146686 AA	20130613	US20110639155	20110823
WO12028273 A1	20120308	WO2011EP04233	20110823
ZA201206728 A	20130626	ZA20120006728	20120907

Probable Assignee: LOESCHE GMBH

Assignee(s):(std)**:** LOESCHE GMBH ; SALEWSKI GERHARD ; SCHLEGEL SILKE ; WOELK JUERGEN

Inventor(s):(std)**:** JURGEN WOLK ; SALEWSKI GERHARD ; SCHLEGEL SILKE ; SILKE SCHLEGEL ; WOELK JUERGE ; WOELK JUERGEN ; WOELK JURGEN ; WOLK JURGEN ; GERHARD SALEWSKI

Inventor(s): JUERGEN WOELK

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B02C13/13 B02C21/00 B02C23/08 B02C23/24 B02C23/34 (Advanced/Invention); B02C (Subclass/Invention)

CPC: B02C23/08 B02C23/24 B02C23/34

European class: B02C23/08 B02C23/24 B02C23/34

US class: 241/17 241/47

Classification Explorer

Cited documents: WO9010052 A1, WO07022837 A1, US6685117, US4597537 A, US4498633, US4090671 A, US3608839 A, US2913109 A, US2909133 A, TW307700, SU86806 U, SU1428486 T, KR100909305 B1, JP3933820 B2, GB764127 A, EP0579214 A1, DE3639206 C1, DE3006470 A1, DE2361060 A1, DE19725613 A1, DE19706077 A1, DE10232373 B4,

DE102005040519 B4

CN102046759, CN101252997 A,

0) US4362191A – WOVEN SLIDE–FASTENER STRINGER

46) Family number: 30996627 (US4362191A) © PatBase

Title: WOVEN SLIDE–FASTENER STRINGER

Priority:

CA19800362271	19801009	DE19792941067	19791010	US19530357607	19530526
NO19830002308	19830624	NO19800002991	19801008	DE19803007276	19800227

Family:

Publication number	Publication date	Application number	Application date
AR221662 A1	19810227	AR19800282813	19801008
AT367808 B	19820810	AT19800004862	19800930
AT486280 A	19811215	AT19800004862	19800930
AU198062829 A1	19810416	AU19800062829	19800930
AU531352 B2	19830818	AU19800062829	19800930
BE529111 A	00000000		00000000
BE885620 A	19810202	BE19802058796	19801010
BE885620 A1	19810202	BE19802058796	19801010
BG44027 A3	19880915	BG19800049330	19801010
BG44372 A3	19881115	BG19800079348	19801010
BR8006489 A	19810414	BR19800006489	19801008
CA1160024 A1	19840110	CA19800362271	19801009
CH340072 A	19590731		19540525
CH649202 A	19850515	CH19800007475	19801007
CS234022 B2	19850314	CS19800006871	19801010
DD153573 A5	19820120	DD19800224472	19801010
DE1236245 B	19670309	DE1954J008695	19540525
DE2941067 A1	19810423	DE19792941067	19791010
DE2941067 C2	19830203	DE19792941067	19791010
DE3007276 A1	19810903	DE19803007276	19800227
DE3007276 C2	19821230	DE19803007276	19800227
DK152525 B	19880314	DK19800004266	19801009
DK152525 C	19880801	DK19800004266	19801009
DK426680 A	19810411	DK19800004266	19801009
ES495845 A0	19810716	ES19800495845	19801010
ES495845 A2	19810730	ES19800495845	19801010
ES8105926 A1	19810916	ES19800495845	19801010
FI68956 B	19850830	FI19800003199	19801009
FI68956 C	19851210	FI19800003199	19801009
FI803199 A	19810411	FI19800003199	19801009
FI803199 L	19810411	FI19800003199	19801009
FR1110648 A	19560215		19540525
FR2466961 A1	19810417	FR19800021612	19801009
FR2466961 B1	19850607	FR19800021612	19801009
GB2062034 A1	19810520	GB19800032622	19801009

GB2062034 B2	19830525	GB19800032622	19801009	
GB2072228 A1	19810930	GB19810006253	19810227	
GB2072228 B2	19831019	GB19810006253	19810227	
GB752593 A	19560711	GB19540015051	19540521	
GR69868 B	19820720	GR19800162966	19800926	
HK42584 A	19840518	HK19840000425	19840510	
IE50325 B	19860402	IE19800002097	19801009	
IE802097 L	19810410	IE19800002097	19801009	
IL61183 A0	19801130	IL19800061183	19800930	
IL61183 A1	19830331	IL19800061183	19800930	
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IT8025260 A0	19801009	IT19800025260	19801009	
JP1091804 A2	19890411	JP19880115955	19880512	
JP1502077 C3	19890628	JP19800141118	19801008	
JP1591146 C3	19901130	JP19880115955	19880512	
JP2017163 B4	19900419	JP19880115955	19880512	
JP56060504 A2	19810525	JP19800141118	19801008	
JP63053802 B4	19881025	JP19800141118	19801008	
MX151280 A	19841031	MX19800184249	19801008	
MY8500523 A	19851231	MY19850000523	19851230	
NL187754 B	19910801	NL19800005628	19801010	
NL187754 C	19920102	NL19800005628	19801010	
NL8005628 A	19810414	NL19800005628	19801010	
NO149909 B	19840409	NO19800002991	19801008	
NO149909 C	19840801	NO19800002991	19801008	
NO155036 B	19861027	NO19830002308	19830624	
NO155036 C	19870402	NO19830002308	19830624	
NO802991 A	19810413	NO19800002991	19801008	
NO832308 A	19810413	NO19830002308	19830624	
NZ195075 A	19830715	NZ19800195075	19800929	
PH20667 A	19870323	PH19800024688	19801008	
PL126612 B1	19830831	PL19800227206	19801010	
PL227206 A1	19810619	PL19800227206	19801010	
PT71892 A	19801101	PT19800071892	19801008	
PT71892 B	19810814	PT19800071892	19801008	
RO85925 B	19850330	RO19800102313	19801008	
RO85925 B1	19850330	RO19800102313	19801008	
RO85925 P	19850315	RO19800102313	19801008	
SE442811 B	19860203	SE19800007091	19801009	
SE442811 C	19860522	SE19800007091	19801009	
SE8007091 A	19810411	SE19800007091	19801009	
SE8007091 L	19810411	SE19800007091	19801009	
SU1071205 A3	19840130	SU19813234599	19810126	
SU936793 D	19820615	SU19802994850	19801009	
US2818322 A	19571231	US19530357607	19530526	
US4362191 A	19821207	US19800195000	19801009	
US4381804 A	19830503	US19810237672	19810224	
YU242580 A	19830228	YU19800002425	19800924	
YU40607 B	19860228	YU19800002425	19800924	
ZA8006040 A	19810930	ZA19800006040	19800930	

Probable Assignee: OPTI PATENT FORSCHUNG FAB

Assignee(s):(std)**:** HEILMANN ERICH GMBH ; HEILMANN OPTILON ; OPTI PATENT FORSCHUNG FAB ; HEILMANN OPTILON W ERICH G M B ; OPTI PATENT FORSCH AND FAB AG ; HEILMANN OPTILON W ERICH GMBH ; IBM DEUTSCHLAND ; IBM ; OPTI PATENT FORSCHUNGS FABRIKATIONS CH AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS A G ; OPTI PATENT FORSCHUNGS U FABRIKATIONS CH AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS TE RI AG ; OPTI PATENT FORSCHUNGS FABRIKATI ; OPUCHIRON BUEE EERITSUHI HAIRU ; OPTILON W ERICH HEIMANN GMBH ; OPUCHI PATENTO FUORUSHUNKUSU UNTO FUABURIKACHIONSU ; OPTILON W ERICH HEILMANN GMBH CH ; OPUCHIRON BUEE EERITSUHI HAIRUMAN GMBH ; OPTILON W ERICH HEILMANN GMBH TE CHAM ZWITSERLAND ; OPTILON W E H ; OPTILON W ERICH HEILMANN GMBH ; OPTILON W HEILMANN ERICH GMBH ; OPTI PATENT OP H C H A P KA OHC A PMA

Assignee(s): OPTI PATENT OPUOHXC OH A POKA OOHC AX OPMA ; OPUCHI PATENTO FUORUSHUNKUSU UNTO FUABURIKACHIONSU AG ; OPTILON WERICH HEILMANN GMBH CH ; OPTI PATENT FORSCHUNGS U FABRIKATIONS TE RIED AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS A CORP AG ; OPTI PATENT FORSCHUNGS FABRIKATIONS AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS 8750 RIEDERN ALLMEIND CH AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS 8750 GLARUS CH AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS TE RIEDERN ALLMEIND ZWITSERLAND AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS AG A CORP ; OPTI PATENT FORSCHUNGS U FABRIKATIONS AG CH 8750 R ; OPTI PATENT FORSCHUNGS U FABRIKATIONS A CORP OF SWITZERLAND AG ; OPTI PATENT FORSCHUNGS UFABRIKATIONS CH AG ; OPTI PATENT FORCHUNGS U FABRIKATIONS AG ; IBM DEUTSCHLAND INT BUERO MASCH GES M B H ; OPTI PATENT FORSCHUNGS U ; OPTI PATENT FORSCHUNGS U FABRIKATIONS CH 8750 R AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS 8750 GL AG ; OPTI PATENT FORSCHUNGS U FABRIKATIONS 8750 RI AG ; IBM DEUTSCHLAND INT BUERO MASCH GES ; INT BUSINESS MACHINES CORP ; HEILMANN GMBH E ; FROHLICH ALFONS ; GRIESBAUM KARL

Inventor(s):(std)**:** ALFONS FRONLICH ; ALFONS FRUHLICH ; ARUFUONSU FUREERITSUHI ; ERIESSBAUM K ; FROEHLICH A ; FROEHLICH ALFONS ; FROEHLICH ALFONS DE ; FROEHLING A ; FROHLICH A ; FROHLICH ALFONS ; FROHLICH ALFONS DE ; FRUHLICH ALFONS ; GRIBBAUM K ; GRIEBBAUM KARL ; GRIESBAUM K ; GRIESBAUM KARL ; GRIESSBAUM K ; GRIESSBAUM KARL ; GRIESSBAUM KARL CH ; GRIESSBAUM KARL DE ; KAARU GURIISUBAUMU ; KARL GRIEBBAUM ; KARL GRIESSBAUM ; ROBERT TALBOT BLAKELY ; FRONLICH ALFONS ; KARL GRISBAUM DE ; KARL GRIESBAUM ; K GRIESSBAUM ; FROHLICH ALFONS CH ; BLAKELY ROBERT TALBOR ; BLAKELY ROBERT T ; GRISBAUM KARL ; FRELIKH ALFONS ; A FROHLICH ; ALFONS FRELIKH DE ; ALFONS FROEHLICH ; ALFONS FROHLICH

Inventor(s): ALFONS FROHLICH ET KARL GRIESSBAUM ; TALBOT BLAKELY ROBERT ; VERZICHT DES ERFINDERS AUF NENNU ; VERZICHT DES ERFINDERS AUF NENNUNG ; NICHTNENNUNG ANTRAG AUF

International class (IPC 8–9): A44B19/00 A44B19/02 A44B19/10 A44B19/12 A44B19/34 A44B19/40 A44B19/54 D03D1/00 D03D35/00 G06F7/24 G11B27/036 (Advanced/Invention);
A44B19/00 A44B19/10 A44B19/24 A44B19/42 D03D1/00 D03D35/00 G06F7/22 G11B27/031 (Core/Invention);
A44B (Subclass/Invention)

International class (IPC 1–7): A41F19/00 A44B19/00 A44B19/02 A44B19/04 A44B19/10 A44B19/12 A44B19/34 A44B19/36 A44B19/40 A44B19/54 D03D1/00 D03D11/00 D03D25/00 D03D35/00 D03D41/00 G06F7/22 G06F7/24

CPC: G06F7/24 G11B27/036 Y10T24/252 D03D1/00 D10B2501/0631 A44B19/406 A44B19/346 A44B19/54

European class: A44B19/34C A44B19/40C A44B19/54 G06F7/24 G11B27/036

US class: 139/384B 24/205.16C 24/392 346/44 379/119 G9B/27.013

Classification Explorer

Cited documents: US4334556 A, US4215729 A, US4140157 A, US4135555 A, US3961652 A, US3847188 A, US2703714 A, US2617704 A, US2609457 A, US2600817 A, US2563545 A, NL7812350 A, JP53106242 A2, FR2413062 A1, FR2065435 A5, DE594333 A, DE2941035 A1, DE2818508 A1, DE2051416 A1, DE1945315 A1, BE875859 A,

0) US3056323A – PROGRESSIVE TRANSVERSE WEB CUTTING APPARATUS

47) Family number: 22827331 (US3056323A) © PatBase

Title:	PROGRESSIVE TRANSVERSE WEB CUTTING APPARATUS
Priority:	US19580728302 19580414

Family:

Publication number	Publication date	Application number	Application date
US3056323 A	19621002	US19580728302	19580414

Probable Assignee:	PAPER CONVERTING MACHINE CO
Assignee(s):(std):	PAPER CONVERTING MACHINE CO
Assignee(s):	PAPER CONVERTING MACHINE CO INC
Inventor(s):(std):	KWITEK EDWIN M
International class (IPC 8–9):	B26F1/20 (Advanced/Invention); B26F1/00 (Core/Invention)
International class (IPC 1–7):	B26F1/20
CPC:	B26F1/20 Y10T83/4827 Y10T83/4844 Y10T83/9394
European class:	B26F1/20
US class:	83/342 83/348 83/672
Classification Explorer	
Cited documents:	US797886 A, US2870840 A, US2829693 A, US2237759 A, US1931362 A, US1768070 A, US1751562 A,

0) US2532171A – CAPACITOR WINDING MACHINE

48) Family number: 22356466 (US2532171A) © PatBase

Title:	CAPACITOR WINDING MACHINE
Priority:	US19480029466 19480527

Family:

Publication number	Publication date	Application number	Application date
US2532171 A	19501128	US19480029466	19480527

Probable Assignee:	JOHN E FAST AND CO
Assignee(s):(std):	JOHN E FAST AND CO
Inventor(s):(std):	SIMON KAIM
Inventor(s):	KAIM SIMON
International class (IPC 8–9):	H01G13/02 (Advanced/Invention); H01G13/02 (Core/Invention)
International class (IPC 1–7):	H01G13/02
CPC:	H01G13/02
European class:	H01G13/02
US class:	242/444.2 242/521 242/523 242/524 242/527
Classification Explorer	
Cited documents:	US2384983 A, US2205171 A,

0) US5718330A – HOLDER FOR RECEPTACLES

49) Family number: 8463029 (US5718330A) © PatBase

Title: Holder for receptacles

Priority: BE19930000246 19930315 EP19940908214 19940315 WO1994BE00021 19940315

Family:

Publication number	Publication date	Application number	Application date
AT147351 E	19970115	AT19940908214T	19940315
AU199461510 A1	19941011	AU19940061510	19940315
AU693431 B2	19980702	AU19940061510	19940315
BE1006887 AF	19950117	BE19930000246	19930315
BRPI9406229 A	19960109	BR1994PI06229	19940315
CA2158372 AA	19950914	CA19942158372	19940315
DE69401427 D1	19970220	DE19946001427	19940315
DE69401427 T2	19970821	DE19946001427T	19940315
DK0688292 T3	19970714	DK19940908214T	19940315
EP0688292 A1	19951227	EP19940908214	19940315
EP0688292 B1	19970108	EP19940908214	19940315
ES2098926 T3	19970501	ES19940908214T	19940315
GR3023056 T3	19970730	GR19970400724T	19970408
IL108989 A0	19940624	IL19940108989	19940315
IL108989 A1	19970814	IL19940108989	19940315
NZ262067 A	19970822	NZ19940262067	19940315
OA10354 A	20011022	OA19950060710	19950918
RU95121754 A	19971010	RU19950121754	19951015
SI0688292 T1	19980228	SI19940030043T	19940315
US5718330 A	19980217	US19950522346	19951106
WO9421526 A1	19940929	WO1994BE00021	19940315
ZA9401797 A	19941017	ZA19940001797	19940315

Probable Assignee: PLASTIROCK IND

Assignee(s):(std)**:** AUFFRET JEAN MARIE ; AUFFRET JEAN PAUL ; JEAN PAUL AUFFRET ; KERK MARIE THERESE VAN ; PLASTIROCK IND S A

Assignee(s): PLASTIROCK INDUSTRIES S A ; VAN KERK MARIE THERESE ; PLASTIROCK IND ; AUFFRET JEAN PAUL WEMMEL BE

Inventor(s):(std)**:** AUFFRET JEAN MARIE ; AUFFRET JEAN PAUL ; KERK MARIE THERESE VAN ; KERK VAN MARIE THERESE ; VAN KERK MARIE THERESE ; MARIE THERESE KERK VAN ; JEAN PAUL AUFFRET ; JEAN MARIE AUFFRET

Inventor(s): MARIE THERESE VAN KERK ; VAN KERK MARIE THERESE B 1780 WEMMEL BE ; AUFFRET JEAN PAUL B 1780 WEMMEL BE ; AUFFRET JEAN MARIE B 1780 WEMMEL BE

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG TT UA US UZ VN

International class (IPC 8–9): B65D71/00 B65D71/40 B65D71/44 B65D71/50 (Advanced/Invention); B65D71/00 B65D71/40 (Advanced/Non–invention); B65D71/00 B65D71/40 B65D71/50 (Core/Invention)

International class (IPC 1–7): B65D B65D71/00 B65D71/50 B65D75/00

CPC: B65D65/44 B65D71/44 B65D71/50

European class: B65D65/44 B65D71/44 B65D71/50

US class: 206/141 206/161 206/199

Classification Explorer

Cited documents: WO9308096 A1, US5487463 A, US5484643 A, US5445262 A, US4736977 A, US4678088 A, US4474293 A, US4453630 A, US4448452 A, US4401212 A, US4267223 A, US3946862 A, US3884354 A, US3653504 A, US3587847 A, US3294270 A, US3285410 A, US3084792 A, FR2263946 A1, FR2169442 A5, DE2120303 A1,

0) US4233812A – GAS DISCHARGE APPARATUS

50) Family number: 31053996 (US4233812A) © PatBase

Title: Gas discharge apparatus

Priority:

DE19722221167	19720429	DE19752510624	19750312	DE19772719634	19770503
DE19772719513	19770502	DE19772718944	19770428	DE19772720558	19770507
DE19772722422	19770518	DE19772730480	19770706	DE19772727728	19770621
DE19772733443	19770725	DE19772721956	19770514	DE19772747655	19771024
DE19772747959	19771026	DE19772730007	19770702	DE19792927679	19790709
DE19803020187	19800528	DE19803018281	19800513	DE19803029894	19800807
DE19803031227	19800819	DE19782845134	19781017	DE19803006514	19800221
DE19803012504	19800331	DE19803025518	19800705	DE19803029430	19800802
DE19803033774	19800909	DE19803038633	19801013	DE19803039772	19801022
DE19782804875	19780204	DE19782838611	19780905	DE19782840200	19780915
DE19803045666	19801204	DE19803045136	19801129	DE19803040705	19801029
DE19803042407	19801111	FR19780012561	19780427	DE19803041482	19801104
DE19803044296	19801125				

Family:

Publication number	Publication date	Application number	Application date
BE866483 A	19780814	BE19780187201	19780427
BE866483 A1	19780814	BE19780187201	19780427
BE878715 A	19791231	BE19790197094	19790911
BE878715 A1	19791231	BE19790197094	19790911
DE2221167 A1	19731108	DE19722221167	19720429
DE2510624 A1	19760923	DE19752510624	19750312
DE2718944 A1	19781102	DE19772718944	19770428
DE2719513 A1	19781109	DE19772719513	19770502
DE2719634 A1	19781109	DE19772719634	19770503
DE2720558 A1	19781109	DE19772720558	19770507
DE2721956 A1	19781116	DE19772721956	19770514
DE2722422 A1	19781130	DE19772722422	19770518
DE2727728 A1	19790111	DE19772727728	19770621
DE2730007 A1	19790118	DE19772730007	19770702
DE2730480 A1	19790118	DE19772730480	19770706
DE2733443 A1	19790208	DE19772733443	19770725
DE2747655 A1	19790426	DE19772747655	19771024
DE2747959 A1	19790503	DE19772747959	19771026
DE2804875 A1	19790809	DE19782804875	19780204

DE2838611 A1	19791206	DE19782838611	19780905
DE2840200 A1	19791122	DE19782840200	19780915
DE2845134 A1	19791108	DE19782845134	19781017
DE2927679 A1	19810129	DE19792927679	19790709
DE3006514 A1	19810827	DE19803006514	19800221
DE3012504 A1	19811008	DE19803012504	19800331
DE3018281 A1	19820121	DE19803018281	19800513
DE3020187 A1	19811203	DE19803020187	19800528
DE3025518 A1	19820128	DE19803025518	19800705
DE3029430 A1	19820304	DE19803029430	19800802
DE3029894 A1	19820311	DE19803029894	19800807
DE3031227 A1	19820325	DE19803031227	19800819
DE3033774 A1	19820422	DE19803033774	19800909
DE3038633 A1	19820519	DE19803038633	19801013
DE3039772 A1	19820527	DE19803039772	19801022
DE3040705 A1	19820603	DE19803040705	19801029
DE3041482 A1	19820609	DE19803041482	19801104
DE3042407 A1	19820624	DE19803042407	19801111
DE3044296 A1	19820624	DE19803044296	19801125
DE3045136 A1	19820701	DE19803045136	19801129
DE3045666 A1	19820708	DE19803045666	19801204
FR2388993 A1	19781124	FR19780012561	19780427
FR2388993 B1	19841026	FR19780012561	19780427
FR2439352 A1	19800516	FR19790025761	19791017
FR2439352 B3	19810814	FR19790025761	19791017
GB1603962 A	19811202	GB19780016521	19780426
GB2039650 A1	19800813	GB19790035804	19791016
GB2039650 B2	19830505	GB19790035804	19791016
IT1056895 A	19820220	IT19760020889	19760305
IT1095302 A	19850810	IT19780022649	19780424
IT1122865 A	19860430	IT19790025253	19790821
IT1145832 A	19861112	IT19810004808	19810220
IT7822649 A0	19780424	IT19780022649	19780424
IT7925253 A0	19790821	IT19790025253	19790821
IT8104808 A0	19810220	IT19810004808	19810220
IT983630 A	19741111	IT19730022360	19730330
JP54016041 A2	19790206	JP19780048681	19780424
US4233812 A	19801118	US19780900247	19780426

Probable Assignee: LEISTRITZ HANS KARL

Assignee(s):(std)**:** DR HANS KARL LEISTRITZ ; LEISTRITZ H ; LEISTRITZ H K ; LEISTRITZ HANS ; LEISTRITZ HANS KARL

Assignee(s): LEISTRITZ HANS KARL DR ; LEISTRITZ HANS K

Inventor(s):(std)**:** KLEISTRITZ HANS KARL ; LEISTRITZ HANS K ; LEISTRITZ HANS KARL DR ; OSTERMANN FRIEDRICH ; OSTERMANN FRIEDRICH DR ING ; SOELLNER GERHARDT DIPL ING ; SOLLNER GERDAROT ; SOLLNER GERDARDT ; HANSU KAARU RAISUTORITSUTSU

Inventor(s): KARL DR LEISTRITZ HANS

International class (IPC 8–9): B62K11/02 B62K19/00 C07C67/055 F01N1/00 F01N1/02 F01N1/06 F01N1/08 F01N1/12 F01N1/14 F01N13/14 F01N13/16 F01N13/18 F01N3/02 F01N3/05 F01N3/26 F16M1/02 F16S3/00 (Advanced/Invention);
F01N1/00 F01N1/02 F01N1/08 F02B3/06 (Advanced/Non–invention);

	B62K11/00 B62K19/00 F01N1/06 F01N1/08 F01N13/14 F01N13/18 F01N3/05 F01N3/26 F16M1/00 F16S3/00 (Core/Invention); F01N1/02 F01N1/08 F02B3/00 (Core/Non–invention); F01N (Subclass/Invention)
International class (IPC 1–7):	B23K20/00 B23K20/22 B62K19/00 F01N1/00 F01N1/08 F01N3/02 F01N3/10 F01N3/24 F01N3/26 F01N7/08 F01N7/16 F01N7/18 F02F3/00 F02M35/00 F16L25/00 F16L53/00 F16L9/18 F16M1/02 F16S3/00 F28D7/10
CPC:	B62K19/00 F16M1/02 F02B3/06 F02F2007/0097 Y02T10/20 F16S3/00 F01N1/00 F01N1/08 F01N1/083 F01N1/084 F01N1/12 F01N3/26 F01N13/14 F01N13/1844 F01N13/1805 F01N13/185 F01N13/1894 F01N2450/20 F01N2450/22 F01N2470/16 F01N2490/06 F01N13/1838 F01N2450/28 F05C2201/021 B62K11/02 F01N1/14 F01N1/06 F05C2201/0448 F01N2470/14 F01N1/006 F01N1/02 F01N1/023 F01N3/05 F01N13/16 F01N13/1855 F01N2260/02 F01N2450/24 F01N2470/02 F01N2470/10 F01N2470/18 F01N2470/24 F01N2470/26 F01N2490/04 F01N2490/14 F01N2490/15 F01N2490/155 F01N2490/20 F01N2510/00 F01N2530/00 F01N2530/06 F01N3/02
European class:	124AA8M4A 12O19C2 B62K11/02 B62K19/00 C07C67/055 F01N1/00 F01N1/00B1 F01N1/02 F01N1/02B F01N1/06 F01N1/08 F01N1/08D F01N1/08F F01N1/12 F01N1/14 F01N13/14 F01N13/16 F01N13/18B F01N13/18D F01N13/18D1 F01N13/18D1A F01N13/18D1B F01N13/18S1 F01N3/02 F01N3/05 F01N3/26 F16M1/02 F16S3/00 R01N1/08F R01N260/02 R01N450/20 R01N450/22 R01N450/24 R01N450/28 R01N470/02 R01N470/10 R01N470/14 R01N470/16 R01N470/18 R01N470/24 R01N470/26 R01N490/04 R01N490/06 R01N490/14 R01N490/15 R01N490/15B R01N490/20 R01N510/00 R01N530/00 R01N530/06 R02B3/06 R02F7/00K R05C201/02A R05C201/04S4
US class:	165/142 165/154 165/183 181/229 181/265 60/320
Classification Explorer	
Cited documents:	US3835645 A, US3642094 A, US3612216 A, US3475922 A, US2072961 A, US1849086 A, US1514441 A, US1484526 A, US1447037 A, JP39006616 Y1, IT615674 A, IT278547 A, GB920397 A, FR961667 A, FR1243325 A, FR1131921 A, DE2642994 A1, CH258671 A,

0) US3663270A – BRAZING STOP–OFF TREATMENT OF PERFORATED METAL ...

51) Family number: 1004949 (US3663270A) © PatBase

Title:	BRAZING STOP–OFF TREATMENT OF PERFORATED METAL SHEETS
Priority:	US19700030014 19700420

Family:

Publication number	Publication date	Application number	Application date
US3663270 A	19720516	US19700030014	19700420

Probable Assignee:	ROHR IND INC
Assignee(s):(std):	ROHR CORP
Assignee(s):	ROHR IND ; ROHR IND INC
Inventor(s):(std):	BLAIR WINFORD
Inventor(s):	WINFORD BLAIR
International class (IPC 8–9):	B23K1/00 (Advanced/Invention); B23K1/00 (Core/Invention)
International class (IPC 1–7):	B44D1/02 B44D1/08
CPC:	Y10S118/07 B23K1/0014
European class:	B23K1/00S6
US class:	101/68 117/119 117/127 117/98 118/DIG.7 427/247 427/427
Classification Explorer	

Cited documents: US3294576 A, US2962384 A,

0) US1683979A – COMBINED TYPEWRITING AND CARD–PERFORATING MACHI...

52) Family number: 20328419 (US1683979A) © PatBase

Title: COMBINED TYPEWRITING AND CARD–PERFORATING MACHINE

Priority: US19250048723 19250807

Family:

Publication number	Publication date	Application number	Application date
US1683979 A	19280911	US19250048723	19250807

Probable Assignee: UNDERWOOD ELLIOTT FISHER CO

Assignee(s):(std)**:** UNDERWOOD ELLIOTT FISHER CO

Assignee(s): UNDERWOOD ELLIOTT FISHER COMPANY

Inventor(s):(std)**:** KUROWSKI ALFRED G F

CPC: B41J3/38

US class: 234/37 234/91 400/81

Classification Explorer

0) US2740475A – PERFORATING APPARATUS HAVING A STRIPPING MEDIUM...

53) Family number: 21966996 (US2740475A) © PatBase

Title: PERFORATING APPARATUS HAVING A STRIPPING MEDIUM MOUNTED WITHIN A CHAMBER IN THE PUNCH MEMBER

Priority: US19530330197 19530108

Family:

Publication number	Publication date	Application number	Application date
US2740475 A	19560403	US19530330197	19530108

Probable Assignee: WALES STRIPPIT CORP

Assignee(s):(std)**:** WALES STRIPPIT CORP

Inventor(s):(std)**:** TAYLOR PAUL H

International class (IPC 8–9): B21D28/24 (Advanced/Invention); B21D28/24 (Core/Invention)

International class (IPC 1–7): B21D28/34 B21D45/00

CPC: B21D28/24 Y10T83/215

European class: B21D28/24

US class: 83/136

Classification Explorer

Cited documents: US928256 A, US771391 A, US385056 A, US278633 A, US2704125 A, US2355344 A, US1806266 A, US1789567 A,

0) WO9009199A1 – SHOWER–BATH TYPE VAGINAL TREATMENT PROCESS AND ...

54) Family number: 3697084 (WO9009199A1) © PatBase

Title: SHOWER–BATH TYPE VAGINAL TREATMENT PROCESS AND DEVICE

Priority: HU19890000568 19890207 HU19890000568 19891030 HU19890000568 19900129 HU19890031352 19891030 WO1990HU00011 19900207

Family:

Publication number	Publication date	Application number	Application date
AU199050388 A1	19900905	AU19900050388	19900207
BRPI9007096 A	19911022	BR1990PI07096	19900207
CA2058757 AA	19910802	CA19902058757	19900207
EP0456711 A1	19911121	EP19900902812	19900207
FI913753 A0	19910807	FI19910003753	19910807
HU207663 B	19930528	HU19890000568	19890207
HU59841 A2	19920728	HU19890000568	19890207
JP4506611 T2	19921119	JP19900503009T	19900207
MC2173 A	19920522	MC19900002173D	19900207
NO913054 A	19910910	NO19910003054	19910806
NO913054 A0	19910806	NO19910003054	19910806
WO9009199 A1	19900823	WO1990HU00011	19900207

Probable Assignee: WINDBERGER CO KFT

Assignee(s):(std)**:** UNIPHARMA CO LTD ; UNIPHARMA RT ; WINDBERGER CO KFT ; WINDBERGER LASZLO

Assignee(s): WINDBERGER LASZLO HU ; UNIPHARMA CO

Inventor(s):(std)**:** WINDBERGER LASZLO

Inventor(s): WINDBERGER LASZLO HU ; LASZLO WINDBERGER

Designated states: AT AU BE BG BR CA CH DE DK ES FI FR GB IT JP KR LI LU MC NL NO RO SE SU US

International class (IPC 8–9): A47K7/00 A61H35/00 A61M3/00 A61M3/02 A61M3/04 A61M31/00 (Advanced/Invention); A47K7/00 A61H35/00 A61M3/00 A61M31/00 (Core/Invention); A61M (Subclass/Invention)

International class (IPC 1–7): A47K7/00 A61H35/00 A61M3/00 A61M3/02 A61M3/04 A61M31/00

CPC: A61M3/025

European class: A61M3/02D6

Classification Explorer

Cited documents: US4130118 A, US3847150 A, US2212706 A, GB1114208 A,

0) US3452926A – PUNCH CHECK

55) Family number: 639532 (US3452926A) © PatBase

Title: PUNCH CHECK

Priority: US19670626331 19670327

Family:

Publication number	Publication date	Application number	Application date
FR1559405 A	19690307		19680326
GB1196517 A	19700624	GB19680014533	19680326
US3452926 A	19690701	US19670626331	19670327

Probable Assignee: BURROUGHS CORP

Assignee(s):(std)**:** BURROUGHS CORP

Inventor(s):(std)**:** BRADLEY ROGER W

Inventor(s): ROGER W BRADLEY

International class (IPC 8–9): G06K5/02 (Advanced/Invention); G06K5/00 (Core/Invention)

International class (IPC 1–7): G01N3/56 G06K1/02 G06K1/04 G06K1/14

CPC: G06K5/02

European class: G06K5/02

US class: 234/115 234/34

Classification Explorer

Cited documents: US3245615 A, US3159337 A, US2609433 A,

0) US2443377A – MACHINE FOR FORMING LOUVERED FINS FOR RADIATOR ...

56) Family number: 22560215 (US2443377A) © PatBase

Title: MACHINE FOR FORMING LOUVERED FINS FOR RADIATOR CORES

Priority: US19450614201 19450904

Family:

Publication number	Publication date	Application number	Application date
US2443377 A	19480615	US19450614201	19450904

Probable Assignee: DANIEL PALO R

Assignee(s):(std)**:** DANIEL PALO R

Inventor(s):(std)**:** DANIEL PALO R

International class (IPC 8–9): B21D53/04 (Advanced/Invention); B21D53/02 (Core/Invention)

International class (IPC 1–7): B21D13/02 B21D28/36

CPC: B21D53/04 Y10T29/49378

European class: B21D53/04

US class: 29/890.046 72/186 72/187 72/414 72/450

Classification Explorer

Cited documents: US2397582 A, US2089326 A, US2000208 A, US1546195 A, US1511349 A, US1496393 A, US1484600 A, US1149356 A,

57) Family number: 4939180 (US3620115A) © PatBase

Title: APPARATUS FOR MAKING PERFORATIONS IN CORRUGATED TUBES

Priority: DE19681778094 19680328 NL19680011514 19680813 NO19680001690 19680430 NO19730004054 19731018

Family:

Publication number	Publication date	Application number	Application date
AT300321 B	19720725	AT19680006290	19680701
AT318901 B	19741125	AT19710008459	19680701
AT318907 B	19741125	AT19710000975	19680701
AT319577 B	19741227	AT19710000977	19680701
CH488535 A	19700415	CH19680014628	19680926
DE1778094 A1	19720217	DE19681778094	19680328
DE1778094 B2	19750703	DE19681778094	19680328
DE1778094 C3	19781207	DE19681778094	19680328
DK126362 B	19730709	DK19680003242	19680702
FR1579150 A	19690822		19680729
GB1223059 A	19710217	GB19680058310	19681209
NL160514 B	19790615	NL19730013618	19731003
NL160514 C	19791115	NL19730013618	19731003
NL161391 B	19790917	NL19750000649	19750120
NL161391 C	19800215	NL19750000649	19750120
NL6811514 A	19690930	NL19680011514	19680813
NL7313618 A	19731227	NL19730013618	19731003
NL7500649 A	19750429	NL19750000649	19750120
NO130932 B	19741202	NO19730004054	19731018
NO130932 C	19760115	NO19730004054	19731018
NO134409 B	19760628	NO19680001690	19680430
NO134409 C	19790619	NO19680001690	19680430
NO138200 B	19780417	NO19730004083	19731022
NO138200 C	19780802	NO19730004083	19731022
SE338848 B	19710920	SE19680009159	19680703
SE338848 C	19750630	SE19680009159	19680703
US3620115 A	19711116	US19680788277	19681231
US3635111 A	19720118	US19700091048	19701119

Probable Assignee: FRAENK ISOLIERROHR AND METALL

Assignee(s):(std)**:** FRAENK ISOLIERROHR AND METALL ; AUGUSTE KIRCHNER ; EDGAR HAUCK ; EL CHAHAWI M ; FRANKISCHE ISOLIERROHRUND META ; WILHELM ZIEG ; GEORG SCHMIDT ; INGO MASSEL ; GUSTAV GREUBEL ; FRENKISCHE ISOLIERROHR UND ME ; FRENKISCHE ISOLIERROHR U ME

Assignee(s): 7FRENKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRC ; 7FRENKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBR KIRC ; FRANKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBRUDER KIRCHNER ; FRAENKISCHER ISOLIERROHR UND METALLWAREN WERKE GEBR KIRCHN ; FRANKISCHE ISOLIERROHRUND METALLWAREN WERKE GEBR KIRCHNER ; FRANKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRCHNER ; FRANKISCHE ISOLIERROHRUND METALLWAREN WERKE GEB KIRCHNER ; HNER ; FIRMA FRAENKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBRUEDER KIRCHNER KOENIGSBERG BONDSREPUBLIEK DUITSLAND ; FIRMA FRAENKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBRUEDER KIRCHNER TE KOENIGSBERG BONDSREPUBLIEK DUITSLAND ; FRAENKISCHE ISOLIERROHR AND METALLWAREN WERKE GEB KIRCHNER ; FRAENKISCHE ISOLIERROHR AND METALLWAREN WERKE GEBR KIRCHNER ; FRAENKISCHE ISOLIERROHR METALLWAREN WERKE GEBR KIRCHNER DT ; FRAENKISCHE ISOLIERROHR UND

	METALLWAREN WERKE GEBR KIRCHNER ; FRAENKISCHE ISOLIERROHR AND METALLWAREN WERKE GEBR KIRCHNER 8729 KOENIGSBERG ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEBR KIRCHNER DT ; FRAENKISCHE ISOLIERROHR UND METALLWAREN WERKE G KIRCHNER ; FRAENKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBR KIRCHNE ; FRAENKISCHE ISOLIERROHR UND METALLWAREN WERKE GEBR KIRCH ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEBR KIRCHN ; FRAENKISCHE ISOLIERROHR AND METALLWAREN WERKE GEB KIRCHNER 8729 KOENIGSBERG ; FRAENKISCHE ISOLIERROHR AND METALLWAREN WERKE GEBRKIRCHNER ; FRAENKISCHE ISOLIERROHR METALLWAREN WERKE GEB KIRCHNER DT ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRCHNER ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEBRKIRCHNE ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRCH ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRCHNE ; FRAENKISCHER ISOLIERROHR U METALLWAREN WERKE GEBRKIRCHN ; FRAENKISCHE ISOLIERROHR U METALLWAREN WERKE GEB KIRCHN
Inventor(s):(std)	ZIEG WILHELM ; SCHMIDT GEORG ; MASSELL INGO ; HAUCK EDGAR ; GREUBEL GUSTAV ; ZIEG W ; SCHMIDT G ; MASSELL I ; MASSEL INGO ; HAUCK E ; GREUBEL G ; WILHELM ZIEG ; INGO MASSELL ; GUSTAV GREUBEL ; GRUEBEL GUSTAV ; GEORG SCHMIDT ; EDGAR HAUCK
Inventor(s):	GREUBEL GUSTAV 8729 ALTERSHAUSEN ; GREUBEL G DT ; HAUCK E DT ; SCHMIDT G DT ; MASSELL I DT ; ZIEG W DT ; GUSTAV GRUEBEL ; INGO MASSEL
International class (IPC 8–9)**:**	B21D28/28 B21D28/36 B26F1/00 B29C57/04 (Advanced/Invention); B21D28/24 B21D28/36 B26F1/00 (Core/Invention)
International class (IPC 1–7)**:**	B21D28/28 B23D21/00 B26D5/22 B26F1/02 B26F1/08 B29C17/02 B29C17/08 B29C17/10 B29C17/14 B29D23/00 B29H3/06
CPC:	Y10T83/0596 Y10T83/39 Y10T83/401 Y10T83/4503 Y10T83/4622 Y10T83/4635 Y10T83/739 Y10T83/9314 Y10T83/9435 B21D28/36 B21D28/28 B26F1/0061 B26F1/0069 B26F1/0076
European class:	B21D28/28 B21D28/36 B26F1/00C10 B26F1/00C10A B26F1/00C10B
US class:	83/183 83/193 83/226 83/273 83/278 83/444 83/54 83/660 83/689
Classification Explorer	
Cited documents:	US478511 A, US3266356 A, US2829983 A, US2645164 A, US1574159 A, US1398320 A, US114446 A, FR856084 A, FR592179 A, FR30663 E,

0) GB766440A – PERFORATING APPARATUS

58) Family number: 20077699 (GB766440A) © PatBase

Title:	Perforating apparatus
Priority:	19530108

Family:

Publication number	Publication date	Application number	Application date
GB766440 A	19570123	GB19530003245D	19531123

Probable Assignee:	WALES STRIPPIT CORP
Assignee(s):(std)	WALES STRIPPIT CORP
International class (IPC 8–9)**:**	B21D28/24 (Advanced/Invention); B21D28/24 (Core/Invention)
International class (IPC 1–7)**:**	B21D28/34
CPC:	B21D28/24
European class:	B21D28/24
Classification Explorer	

0) US3025398A – METHOD AND APPARATUS FOR DETERMINING DEPTH OF W...

59) Family number: 22317697 (US3025398A) © PatBase

Title: METHOD AND APPARATUS FOR DETERMINING DEPTH OF WELL SAMPLES

Priority: US19570694198 19571104

Family:

Publication number	Publication date	Application number	Application date
US3025398 A	19620313	US19570694198	19571104

Probable Assignee: CORE LAB INC

Assignee(s):(std)**:** CORE LAB INC

Assignee(s): CORE LABORATORIES INC

Inventor(s):(std)**:** DAMERON WYLLIE F

International class (IPC 8–9)**:** G01V5/04 (Advanced/Invention); G01V5/00 (Core/Invention)

International class (IPC 1–7)**:** G01V3/18

CPC: G01V5/04

European class: G01V5/04

US class: 250/255 250/256

Classification Explorer

Cited documents: US2826076 A, US2586303 A, US2394703 A, US2214674 A,

0) GB288040A – A CUSHIONING ELEMENT

60) Family number: 25900912 (GB288040A) © PatBase

Title: A CUSHIONING ELEMENT

Priority: DE1926W073787 19260929 GB19410014819 19411118

Family:

Publication number	Publication date	Application number	Application date
CA264951 A	19261012		00000000
CH130816 A	19281231		19261005
DE554127 A	19320923	DE1926W073787D	19260929
FR622268 A	19270527		00000000
GB288040 A	19280328	GB19260023953	19260928
GB554127 A	19430622	GB19410014819	19411118

Probable Assignee: WILHELM SIEGEL

Assignee(s):(std)**:** HUGO DE WATTEVILLE SENITHA ; SENUTHA HUGO DE WATTEVILLE ; WATTEVILLE SENITHA HUGO DE ; WILHELM SIEGEL

Assignee(s): HUGO DE WATTEVILLE SENUTHA ; DE WATTEVILLE SENITHA HUGO

Inventor(s):(std)**:** SENITHA HUGO DE WATTEVILLE ; SENUTHA HUGO DE WATTEVILLE

Inventor(s): HUGO DE WATTEVILLE SENITHA ; HUGO DE WATTEVILLE SENUTHA

International class (IPC 8–9): B60C19/12 B60C5/00 C01B7/19 (Advanced/Invention)

International class (IPC 1–7): B60C19/12 B60C5/00 C01B7/19

CPC: B60C19/122 B29D30/0685 B29D2030/0686 B60C5/00 B60C5/002 C01B7/192

European class: B29D30/06Z3 B60C19/12B B60C5/00 C01B7/19B2 L29D30/06Z3A

Classification Explorer

0) US3265807A – CONNECTOR FOR INSULATED CONDUCTORS

61) Family number: 37040 (US3265807A) © PatBase

Title: CONNECTOR FOR INSULATED CONDUCTORS

Priority: FR19650025877 19650723 US19640384894 19640724

Family:

Publication number	Publication date	Application number	Application date
AT263885 B	19680812	AT19650006719	19650721
AU6095165 A1	19670105	AU19650060951	19650702
BE667265 A	19651116		19650722
CH436416 A	19670531	CH19650010091	19650719
DE1590990 A1	19700416	DE19651590990	19650710
FR1441209 A	19660603	FR19650025877	19650723
GB1114744 A	19680522	GB19650030743	19650720
NL130146 B	00000000		00000000
NL6509372 A	19660125	NL19650009372	19650720
US3265807 A	19660809	US19640384894	19640724

Probable Assignee: BELL TELEPHONE LABOR INC

Assignee(s):(std): BELL TELEPHONE LABOR INC ; WESTERN ELECTRIC CO

Assignee(s): WESTERN ELECTRIC CO INC ; BELL TELEPHONE LABORATORIES INC

Inventor(s):(std): SMITH DONALD T ; SMITH DONALD TOLMAN ; TOLMAN SMITH DONALD ; DONALD TOLMAN SMITH

International class (IPC 8–9): H01R4/20 H01R4/22 H01R4/24 H01R4/26 H01R43/04 H01R43/058 (Advanced/Invention); H01R4/10 H01R4/24 H01R43/04 (Core/Invention)

International class (IPC 1–7): H01R4/20 H01R4/24 H01R43/04 H01R5/10 H02G

CPC: Y10S174/08 H01R4/2495 H01R4/203 H01R43/058 Y10T403/4974

European class: H01R4/20B H01R4/24F H01R43/058

US class: 174/84C 174/87 174/DIG.8 403/283 439/424

Classification Explorer

Cited documents: US3137925 A, US3064072 A,

0) US5069114A – DEVICE FOR INTRODUCING A LOW TURBULENCE DISPLAC...

62) Family number: 2782684 (US5069114A) © PatBase

Title: Device for introducing a low turbulence displacement air flow into an enclosed space

Priority: DE19893935620 19891026 DE19905000840 19900920 EP19900118110 19900920 EP19900118110 19900920 EP19900118110 19900920

Family:

Publication number	Publication date	Application number	Application date
AT85417 E	19930215	AT19900118110T	19900920
DE3935620 A1	19910502	DE19893935620	19891026
DE3935620 C2	19950420	DE19893935620	19891026
DE59000840 D1	19930318	DE19905000840	19900920
EP0424671 A2	19910502	EP19900118110	19900920
EP0424671 A3	19910904	EP19900118110	19900920
EP0424671 B1	19930203	EP19900118110	19900920
ES2038473 T3	19930716	ES19900118110T	19900920
US5069114 A	19911203	US19900600518	19901019

Probable Assignee: KRANTZ H GMBH AND CO

Assignee(s):(std)**:** KRANTZ H GMBH AND CO ; KRANTZ TKT GMBH H ; KRANTZ TKT GMBH

Assignee(s): H KRANTZ GMBH ; H KRANTZ GMBH AND CO ; H KRANTZ GMBH AND CO 5100 AACHEN DE ; H KRANTZ TKT GMBH 51465 BERGISCH GLADBACH DE

Inventor(s):(std)**:** SODEC FRANC ; SODEC FRANC DR ING ; VELDBOER WERNER ; VELDBOER WERNER DIPL ING

Inventor(s): VELDBOER WERNER DIPL ING 5190 STOLBERG DE ; SODEC DR ING FRANC W 5102 WUERSELEN BROICHWEIDEN D ; SODEC FRANC DR ING 5102 WUERSELEN DE ; VELDBOER DIPL ING WERNER W 5190 STOLBERG DE

Designated states: AT BE CH DE ES FR GB IT LI NL

International class (IPC 8–9): F24F13/06 F24F13/068 (Advanced/Invention); F24F13/06 (Core/Invention)

International class (IPC 1–7): B05B15/12 B05C21/00 F24F13/6 F24F7/00 F24F9/00

CPC: F24F13/068

European class: F24F13/068

US class: 454/297 454/298

Classification Explorer

Cited documents: SU1446427 U, JP59089947 A2, GB2120778 A1, DE8903028 U, DE3731375 A1, DE3643175 A1, DE3600821 A1, DE3435602 A1, DE3042216 C2, DE2718760 A1, DE2033195 A1,

0) US3567582A – NUCLEAR FUEL SUBASSEMBLIES AND COMBINATIONS THE...

63) Family number: 59458 (US3567582A)

© PatBase

Title: NUCLEAR FUEL SUBASSEMBLIES AND COMBINATIONS THEREOF

Priority: BE19670040148 19670223

Family:

Publication number	Publication date	Application number	Application date
BE694504 A	19670731		19670223
DE1639406 A1	19710225	DE19681639406	19680216
FR1559126 A	19690307		19680205
GB1167453 A	19691015	GB19680008828	19680223
NL6801526 A	19680826	NL19680001526	19680202
US3567582 A	19710302	US19680707728	19680223

Probable Assignee: BELGE POUR L IND NUCLEAIRE S A

Assignee(s):(std)**:** BELGE POUR L IND NUCLEAIRE S A ; BELGE POUR L IND NUCLEAIRE SA ; BELGE POUR I IND NUCLEAIRE SA

Assignee(s): BELGE POUR I INDUSTRIE NUCLEAIRE SA SOC ; BELGE POUR L INDUSTRIE NUCLEAIRE S A SOC ; BELGE POUR L INDUSTRIE NUCLEAIRE SA SOC ; BELGE POUR L INDUSTRIE NUCLEAIRE SOCIETEAN SOC ; SOCIETE BELGE POUR L INDUSTRIE NUCLEAIRE S A ; SOC BELGE POUR I INDUSTRIE NUCLEAIRE SA ; SOCIETE BELGE POUR L INDUSTRIE NUCLEAIRE SOCIETEANONYME BELGO NUCLEAIRE

Inventor(s):(std)**:** CHARLES ROBERT ; CHARLES ROBERT ODON ; DEWANDELEER JEAN ; DEWANDELEER JEAN GEORGE ; DIEVOET JEAN PAUL ; DIEVOET JEAN PAUL L VAN

Inventor(s): JEAN GEORGE DEWANDELEER ; JEAN PAUL L VAN DIEVOET ; ROBERT ODON CHARLES

International class (IPC 8–9): G21C3/33 (Advanced/Invention); G21C3/33 (Core/Invention)

International class (IPC 1–7): E21B E21C G21C3/32

CPC: G21C3/33 Y02E30/40

European class: G21C3/33 Y02E30/40

US class: 176/78 376/437 376/438 376/442 976/DIG.65

Classification Explorer

0) US3366322A – HIGH SPEED PUNCH

64) Family number: 353611 (US3366322A) © PatBase

Title: High speed punch

Priority: US19650478680 19650810

Family:

Publication number	Publication date	Application number	Application date
DE1524366 A1	19700716	DE19661524366	19660805
GB1101400 A	19680131	GB19660020067	19660506
NL6611189 A	19670213	NL19660011189	19660808
US3366322 A	19680130	US19650478680	19650810

Probable Assignee: FRIDEN INC

Assignee(s):(std)**:** FRIDEN INC ; SINGER CO

Assignee(s): THE SINGER COMPANY

Inventor(s):(std)**:** ORSON BLODGETT EDWIN ; BLODGETT EDWIN O

International class (IPC 8–9): G06K1/06 (Advanced/Invention); G06K1/00 (Core/Invention)

G06K1/05 G06K1/10

International class (IPC 1–7):

CPC: G06K1/06

European class: G06K1/06

US class: 234/119 234/130

Classification Explorer

Cited documents: US3301477 A, US3096015 A,

0) US2797862A – DIGITAL COMPUTER

65) Family number: 21900052 (US2797862A) © PatBase

Title: DIGITAL COMPUTER

Priority: US19510255362 19511108

Family:

Publication number	Publication date	Application number	Application date
US2797862 A	19570702	US19510255362	19511108

Probable Assignee: BELL TELEPHONE LABOR INC

Assignee(s):(std): BELL TELEPHONE LABOR INC

Assignee(s): BELL TELEPHONE LABORATORIES INC

Inventor(s):(std): ANDREWS ERNEST G ; MURPHY PAUL B ; ORFEO CESAREO

Inventor(s): CESAREO ORFEO

International class (IPC 8–9): G06F15/08 (Advanced/Invention); G06F15/08 (Core/Invention)

CPC: G06F15/08

European class: 42M14 G06F15/08

US class: 708/604

Classification Explorer

Cited documents: US2651458 A, US2625328 A, US2616624 A, US2604262 A, US2580768 A, US2538636 A, US2502360 A,

0) US2855105A – REPLACEABLE FILTER ELEMENTS

66) Family number: 22533750 (US2855105A) © PatBase

Title: REPLACEABLE FILTER ELEMENTS

Priority: US19550494306 19550315

Family:

Publication number	Publication date	Application number	Application date
US2855105 A	19581007	US19550494306	19550315

Probable Assignee: NUGENT CORLISS D

Assignee(s):(std): NUGENT CORLISS D

Inventor(s):(std): NUGENT CORLISS D

International class (IPC 8–9):	B01D25/24 B01D35/153 (Advanced/Invention); B01D25/00 B01D35/14 (Core/Invention)
International class (IPC 1–7):	B01D29/06
CPC:	B01D25/24 B01D35/153
European class:	B01D25/24 B01D35/153
US class:	210/443 210/457 987/209
Classification Explorer	
Cited documents:	US2556521 A, US2255937 A, US2067439 A, US1951484 A, US1723053 A, US1690564 A, GB678934 A, AU109892,

0) US2923034A – PROCESS FOR THE MANUFACTURE OF FILTER BODIES

67) Family number: 20392614 (US2923034A) © PatBase

Title:	PROCESS FOR THE MANUFACTURE OF FILTER BODIES
Priority:	GB19540019449 19540702 19550629

Family:

Publication number	Publication date	Application number	Application date
GB779835 A	19570724	GB19540019449	19540702
US2923034 A	19600202	US19560593425	19560625

Probable Assignee:	BRITISH CELANESE
Assignee(s):(std):	BRITISH CELANESE
Assignee(s):	BRITISH CELANESE LIMITED ; BRITISH CELANESE LTD
Inventor(s):(std):	ALEXANDER DICKIE WILLIAM ; BOLESLAW KRZESINSKI ; DICKIE WILLIAM ALEXANDER ; DONALD FINLAYSON ; FINLAYSON DONALD ; KRZESINSKI BOLESLAW
International class (IPC 8–9):	A24D3/02 B01J20/22 (Advanced/Invention); A24D3/00 B01J20/22 (Core/Invention)
International class (IPC 1–7):	A24D1/04
CPC:	Y10S264/75 A24D3/0241 B01J20/22
European class:	A24D3/02F4 B01J20/22
US class:	131/332 131/342 131/61.1 264/123 264/DIG.75 425/447 425/86
Classification Explorer	
Cited documents:	US50070 A, US2662344 A, US2525135 A, US2476582 A, US2413735 A, US2339979 A, US2297248 A, US1641049 A, GB730700 A, GB623964 A,

0) US20133088944A – DEPLOYMENT OF FIBRE OPTIC CABLES AND JOINING OF...

68) Family number: 48653134 (US2013308894A) © PatBase

Title: DEPLOYMENT OF FIBRE OPTIC CABLES AND JOINING OF TUBING FOR USE IN BOREHOLES

Priority: GB20110000988 20110120 WO2012IB00174 20120120

Family:

Publication number	Publication date	Application number	Application date
GB201100988 A0	20110309	GB20110000988	20110120
GB201318553 A0	20131204	GB20130018553	20120120
GB2507879 A1	20140514	GB20130018553	20120120
US2013308894 AA	20131121	US20120980623	20120120
WO12098464 A2	20120726	WO2012IB00174	20120120
WO12098464 A3	20130704	WO2012IB00174	20120120

Probable Assignee: HEAD PHILLIP

Assignee(s):(std)**:** HEAD PHILIP ; HEAD PHILLIP

Assignee(s): PHILIP HEAD

Inventor(s):(std)**:** HEAD PHILIP

Inventor(s): PHILIP HEAD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): E21B47/00 E21B47/01 E21B47/12 G01V8/10 (Advanced/Invention)

CPC: G01V8/10 E21B47/00 E21B47/011 E21B47/123

European class: E21B47/00 E21B47/01P E21B47/12M2

US class: 385/12

Classification Explorer

Cited documents: WO9919653 A1, WO08051945 A2, WO06097772 A1, WO06059158 A1, US6450257 BA, US2010008632 AA, US2008245533 AA, US2008236836 AA, US2008124035 AA, US2004045705 AA, US2004033036 AA, GB2466360 A1, GB2360584 A1,

0) GB197402A – IMPROVEMENTS IN AND RELATING TO TELAUTOGRAPHY

69) Family number: 18433980 (GB197402A) © PatBase

Title: Improvements in and relating to telautography

Priority: GB19220003982 19220210

Family:

Publication number	Publication date	Application number	Application date
GB197402 A	19230510	GB19220003982	19220210

Probable Assignee: HARRY GUY BARTHOLOMEW

Assignee(s):(std)**:** HARRY GUY BARTHOLOMEW ; MAYNARD LESLIE DEEDES MCFARLAN

Assignee(s): MAYNARD LESLIE DEEDES MCFARLANE

International class (IPC 8–9): H04N1/41 (Advanced/Invention); H04N1/41 (Core/Invention)

International class (IPC 1–7): H04N1/40

CPC: H04N1/41

European class: H04N1/41

Classification Explorer

0) US3086777A – RACKET FOR LAWN–TENNIS AND SIMILAR GAMES

70) Family number: 22699560 (US3086777A) © PatBase

Title: RACKET FOR LAWN–TENNIS AND SIMILAR GAMES

Priority: FR19600822934 19600330

Family:

Publication number	Publication date	Application number	Application date
DE1223282 B	19660818	DE1961L038605	19610330
FR1260715 A	19610512	FR19600822934	19600330
GB955731 A	19640422	GB19610011570	19610329
GB955732 A	19640422	GB19610011573	19610329
GB955733 A	19640422	GB19610011598	19610329
US3086777 A	19630423	US19610096950	19610320

Probable Assignee: JEAN RENE LACOSTE

Assignee(s):(std)**:** JEAN RENE LACOSTE ; RENE LACOSTE JEAN

Inventor(s):(std)**:** RENE LACOSTE JEAN ; LACOSTE JEAN RENE

International class (IPC 8–9)**:** A63B49/00 A63B49/02 A63B49/12 A63B51/00 (Advanced/Invention); A63B49/00 A63B49/02 A63B51/00 (Core/Invention)

International class (IPC 1–7)**:** A63B49/12 A63B51/00

CPC: A63B49/022 A63B49/028 A63B49/03 A63B51/00 A63B49/12

European class: A63B49/00F A63B49/02C A63B49/12 A63B51/00 K63B49/00M

US class: 473/540 D21/730

Classification Explorer

Cited documents: US2456023 A, US2171223 A, US1750727 A, US1733960 A, US1502845 A, US1452803 A, GB522222 A, GB190914397 A, FR855902 A, DE373897 A,

0) DE8416418U1 –

71) Family number: 16511502 (DE8416418U1) © PatBase

Family:

Publication number	Publication date	Application number	Application date
DE8416418 U1	19840823	DE19840116418U	19840529

Probable Assignee: OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBACH DE

Assignee(s):(std)**:** OMEGA MEDIZINTECHNIK GMBH AND CO ; OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBA

Assignee(s): OMEGA MEDIZINTECHNIK GMBH AND CO KG 5270 GUMMERSBACH DE

International class (IPC 8–9)**:** G01N1/28 (Advanced/Invention); G01N1/28 (Core/Invention)

International class (IPC 1–7): C12M1/00 G01N1/28 G01N33/48

CPC: G01N1/28

European class: G01N1/28F

Classification Explorer

0) WO0222268A1 – METHOD FOR PRODUCING GRAIN SUBSTANCE, A SET OF ...

72) Family number: 20793281 (WO0222268A1) © PatBase

Title: METHOD FOR PRODUCING GRAIN SUBSTANCE, A SET OF EQUIPMENT FOR PRODUCING SAID SUBSTANCE AND GRAIN BREAKING MACHINE

Priority: RU20000122913 20000904 WO2000RU00360 20000908

Family:

Publication number	Publication date	Application number	Application date
AU200119045 A1	20020326	AU20010019045	20000908
AU200119045 A5	20020326	AU20010019045	20000908
AU2001219045 AA	20020326	AU20010219045	20000908
CA2445400 AA	20031022	CA20002445400	20000908
EP1468738 A1	20041020	EP20000981949	20000908
EP1468738 A4	20050810	EP20000981949	20000908
IN00942MN2003 A	20050218	IN2003MN00942	20031007
RU2177831 C1	20020110	RU20000122913	20000904
WO0222268 A1	20020321	WO2000RU00360	20000908

Probable Assignee: LEBENDIGES BROT GMBH

Assignee(s):(std): ANTONOV VLADIMIR MIKHAILOVICH ; EVSTIGNEEV BORIS KONSTANTINOVI ; KALNISH GRIGORY IZESLAVOVICH ; KALNISH GRIGORIJ IZESLAVOVICH ; LEBENDIGES BROT GMBH

Assignee(s): EVSTIGNEEV BORIS KONSTANTINOVICH ; GRIGORY IZESLAVOVICH KALNISH

Inventor(s):(std): ANTONOV VLADIMIR MIKHAILOVICH ; ANTONOV VM ; EVSTIGNEEV BK ; EVSTIGNEEV BORIS KONSTANTINOVI ; KALNISH GI ; KALNISH GRIGORY IZESLAVOVICH ; KALNISH G I ; EVSTIGNEEV B K ; ANTONOV V M

Inventor(s): VLADIMIR MIKHAILOVICH ANTONOV ; EVSTIGNEEV BORIS KONSTANTINOVICH ; GRIGORY IZESLAVOVICH KALNISH ; BORIS KONSTANTINOVICH EVSTIGNEEV ; ANTONOV VLADIMIR MIKHAILOVICH AND OTHERS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): A21B7/00 A21D13/00 A21D13/02 A21D13/08 A21D2/38 A23L1/10 A23L1/172 A23L1/185 A23L7/10 A23L7/152 A23L7/20 B02B1/00 B02B3/08 B02B5/02 B02C18/30 B02C18/36 B02C9/04 (Advanced/Invention);
A21B7/00 (Advanced/Non–invention);
A21D13/00 A21D2/00 A23L1/10 A23L1/172 A23L1/185 B02B1/00 B02B3/00 B02B5/00 B02C18/00 B02C9/00 (Core/Invention);
A21B7/00 (Core/Non–invention)

International class (IPC 1–7): A21B7/00 A21D13/00 A21D13/02 A21D13/08 A21D2/38 A23L1/10 A23L1/172 A23L1/185 B02B1/00 B02B3/08 B02B5/02 B02C18/30 B02C18/36 B02C9/04

CPC: A23L7/152 A23L7/198 A23L7/20 B02C18/362 A21D2/38 B02B1/00 B02B3/08 B02B5/02 B02C9/04 B02C18/304

European class:

A21D13/00H A21D13/02 A21D13/08 A21D13/08F A21D2/38 A23L1/10M A23L1/172 A23L1/185 B02B1/00 B02B3/08 B02B5/02 B02C18/30B4 B02C18/36C B02C9/04

Classification Explorer

Cited documents: RU2101959 C1, RU2000699 C1, EP0788840 A1, EP0529843 A1, EP0346872 A2, EP0022989 A1,

0) US1839402A – APPARATUS FOR TRANSFERRING DATA FROM PERFORATED...

73) Family number: 29537199 (US1839402A) © PatBase

Title: APPARATUS FOR TRANSFERRING DATA FROM PERFORATED RECORDS

Priority: 19281222 US19290415089 19291218

Family:

Publication number	Publication date	Application number	Application date
GB345306 A	19310320	GB19290039087	19291220
US1839402 A	19320105	US19290415089	19291218

Probable Assignee: TABULATING MACHINE CO

Assignee(s):(std)**:** BRITISH TABULATING MACH CO LTD ; TABULATING MACHINE CO

Assignee(s): THE BRITISH TABULATING MACHINE COMPANY LIMITED ; THE TABULATING MACHINE COMPANY ; BRITISH TABULATING MACHINE CO LTD

Inventor(s):(std)**:** RUDOLF LORANT

Inventor(s): LORANT RUDOLF

International class (IPC 1–7)**:** G06K3/02 G06K7/00

CPC: Y10S137/906 G06C11/08 Y10T83/8729

US class: 137/906 178/26.1 234/66 234/72 235/447 341/92 73/156 83/550

Classification Explorer

0) GB524471A – IMPROVEMENTS IN OR RELATING TO MECHANICAL SHAVE...

74) Family number: 19990592 (GB524471A) © PatBase

Title: Improvements in or relating to mechanical shavers and hair cutters

Priority: GB19390003207 19390131

Family:

Publication number	Publication date	Application number	Application date
GB524471 A	19400807	GB19390003207	19390131

Probable Assignee: ANDERS MATHISEN

Assignee(s):(std)**:** ANDERS MATHISEN ; HARRY BECKHAM RANDOLPH ; WILKINSON SWORD CO LTD

Assignee(s): THE WILKINSON SWORD COMPANY LIMITED

International class (IPC 8–9)**:** B26B19/38 (Advanced/Invention); B26B19/38 (Core/Invention)

International class (IPC 1–7)**:** B26B19/38

CPC: B26B19/384

European class: B26B19/38B

Classification Explorer

0) GB538647A – IMPROVEMENTS RELATING TO THE CONSTRUCTION OF PI...

75) Family number: 20529626 (GB538647A) © PatBase

Title: Improvements relating to the construction of piles, caissons and the like in situ

Priority: GB19400000503 19400109

Family:

Publication number	Publication date	Application number	Application date
GB538647 A	19410812	GB19400000503	19400109

Probable Assignee: EMILE ALEXANDRE BRIZAY

Assignee(s):(std)**:** EMILE ALEXANDRE BRIZAY

International class (IPC 8–9): E02D5/52 E02D7/20 (Advanced/Invention); E02D5/22 E02D7/00 (Core/Invention)

International class (IPC 1–7): E02D5/52 E02D7/20

CPC: E02D5/523 E02D7/20

European class: E02D5/52B E02D7/20

Classification Explorer

0) US2022463A –

76) Family number: 25631067 (US2022463A) © PatBase

Family:

Publication number	Publication date	Application number	Application date
US2022463 A	19351126		00000000

International class (IPC 1–7): F24F3/00

CPC: B01D46/10 B01D46/103

US class: 96/371

Classification Explorer

0) US2676199A – TELEGRAPH SWITCHING SYSTEM

77) Family number: 21694119 (US2676199A) © PatBase

Title:	TELEGRAPH SWITCHING SYSTEM
Priority:	US19490135811 19491229

Family:

Publication number	Publication date	Application number	Application date
US2676199 A	19540420	US19490135811	19491229

Probable Assignee:	BELL TELEPHONE LABOR INC
Assignee(s):(std):	BELL TELEPHONE LABOR INC
Assignee(s):	BELL TELEPHONE LABORATORIES INC
Inventor(s):(std):	BACON WALTER M
International class (IPC 8–9):	H04L12/62 (Advanced/Invention); H04L12/60 (Core/Invention)
International class (IPC 1–7):	H04L11/24
CPC:	H04L12/54
European class:	H04L12/62
US class:	178/2R
Classification Explorer	
Cited documents:	US2632044 A, US2546630 A, US2546627 A, US2410540 A, US1749444 A,

0) US2971811A –

78) Family number: 23840946 (US2971811A) © PatBase

Family:

Publication number	Publication date	Application number	Application date
US2971811 A	00000000		00000000

International class (IPC 8–9):	G07C1/06 (Advanced/Invention); G07C1/00 (Core/Invention)
International class (IPC 1–7):	G07C1/18
CPC:	G07C1/06
European class:	G07C1/06
US class:	346/66 346/86 346/91
Classification Explorer	
Cited documents:	US2838361, US2756824, US2645551, US2421697, US2356995, US2307128, US2110854, US1914388, US1473554, US1219912, DE760531,

0) US3032107A – COMPLETION OF WELLS

79) Family number: 22551833 (US3032107A) © PatBase

Title: COMPLETION OF WELLS

Priority: US19580776898 19581128

Family:

Publication number	Publication date	Application number	Application date
US3032107 A	19620501	US19580776898	19581128

Probable Assignee: JERSEY PROD RES CO

Assignee(s):(std)**:** JERSEY PROD RES CO

Assignee(s): JERSEY PRODUCTION RESEARCH CO ; JERSEY PRODUCTION RESEARCH COMPANY

Inventor(s):(std)**:** HOYER WILMER A ; RUMBLE ROBERT C

International class (IPC 8–9): E21B43/1185 E21B43/119 E21B47/024 (Advanced/Invention); E21B43/11 E21B47/02 (Core/Invention)

International class (IPC 1–7): E21B47/00

CPC: E21B43/1185 E21B43/119 E21B47/024

European class: E21B43/1185 E21B43/119 E21B47/024

US class: 166/66.4 166/66.5 175/4.51 175/4.56

Classification Explorer

Cited documents: US2785754 A, US2781098 A, US2768684 A, US2558427 A,

0) US1763719A – CALL REGISTER

80) Family number: 29780711 (US1763719A) © PatBase

Title: Call register

Priority: US19250073672 19251207 US19270206812 19270719

Family:

Publication number	Publication date	Application number	Application date
US1687633 A	19281016	US19250073672	19251207
US1763719 A	19300617	US19270206812	19270719

Probable Assignee: ARTHUR PENTECOST

Assignee(s):(std)**:** ARTHUR PENTECOST

Inventor(s):(std)**:** ARTHUR PENTECOST

Inventor(s): PENTECOST ARTHUR

International class (IPC 8–9): G06C5/02 H04M1/11 (Advanced/Invention); G06C5/00 H04M1/11 (Core/Invention)

International class (IPC 1–7): G06C5/02 H04M1/11

CPC: G06C5/02 H04M1/11

European class: G06C5/02 H04M1/11

US class: 281/11 281/13 346/136 346/145 346/19 346/79 462/48

Classification Explorer

- **search:** SS6 FT=(tear+ and line+ and progres+ and roll) and PD<20140410 (Results 135)
- List: SS6 1–50 (FT=(tear+ and line+ and progres+ and roll) and PD<20140410) (Results 135)

0) US4029757A – MANUFACTURE OF PHARMACEUTICAL UNIT DOSAGE FORMS...

1) Family number: 30153721 (US4029757A) © PatBase

Title: MANUFACTURE OF PHARMACEUTICAL UNIT DOSAGE FORMS

Priority:

BE19760849377	19761214	CA19760267803	19761214	IL19760051096	19761213
IL19790058049	19790815	CA19790334136	19790820	CA19760267860	19761214
NZ19760182871	19761213	NZ19790191300	19790814	US19750640608	19751215
US19750640609	19751215	US19750640611	19751215	US19750640612	19751215
US19750640651	19751215	US19750640610	19751215	US19770823295	19770810
US19780933709	19780815	US19770825746	19770818	US19790081710	19791004
US19780886967	19780315	US19760784006	19760404	US19770827284	19770824
US19790081759	19791004	US19770784006	19770404	US19780935274	19780821
US19750640652	19751215	US19750640653	19751215	US19750640654	19751215
US19750640655	19751215	US19750641068	19751215		

Family:

Publication number	Publication date	Application number	Application date
AT365449 B	19820111	AT19760009239	19761214
AT371708 B	19830725	AT19790005607	19790820
AT560779 A	19821215	AT19790005607	19790820
AT923976 A	19810615	AT19760009239	19761214
AU197620519 A1	19780622	AU19760020519	19761214
AU197949925 A1	19800228	AU19790049925	19790814
AU514195 B2	19810129	AU19760020519	19751214
AU521053 B2	19820311	AU19790049925	19790814
BE849377 A	19770614	BE19760173233	19761214
BE849377 A1	19770614	BE19760173233	19761214
BE878306 A4	19800220	BE19790196780	19790820
BE878306 R	19800220	BE19790196780	19790820
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CA1087974 A1	19801021	CA19760267860	19761214
CA1110168 A1	19811006	CA19790334136	19790820
CH624846 A	19810831	CH19760015004	19761129
DE2656387 A1	19770630	DE19762656387	19761213
DE2656387 C2	19840322	DE19762656387	19761213
DE2932615 A1	19800306	DE19792932615	19790810
DE2932615 C2	19850605	DE19792932615	19790810
DK152172 B	19880208	DK19760005622	19761214
DK152172 C	19880627	DK19760005622	19761214
DK154186 B	19881024	DK19790003480	19790820
DK154186 C	19890313	DK19790003480	19790820
DK348079 A	19800222	DK19790003480	19790820
DK562276 A	19770616	DK19760005622	19761214
ES454207 A1	19780316	ES19760454207	19761214
ES454207 A2	19780405	ES19760454207	19761214
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FI69243 C	19860110	FI19760003597	19761215
FI763597 A	19770616	FI19760003597	19761215
FR2335206 A1	19770715	FR19760037802	19761215
FR2335206 B1	19820219	FR19760037802	19761215

FR2433942 A2	19800321	FR19790020955	19790820
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GR81307 B	19841211	GR19760152389	19761213
IE48678 B	19850417	IE19790001590	19790820
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IL51096 A1	19800916	IL19760051096	19761213
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JP1395182 C3	19870811	JP19760149926	19761215
JP52076419 A2	19770627	JP19760149926	19761215
JP55028986 A2	19800229	JP19790104122	19790817
JP60038366 B4	19850831	JP19790104122	19790817
JP62000125 B4	19870106	JP19760149926	19761215
LU76378 A	19780118	LU19760076378	19761213
LU81614 A	19800924	LU19790081614	19790820
MC1117 A	19770812	MC19760001223	19761215
NL176835 B	19850116	NL19760013922	19761215
NL176835 C	19850617	NL19760013922	19761215
NL7613922 A	19770617	NL19760013922	19761215
NL7906232 A	19800225	NL19790006232	19790815
NO146384 B	19820614	NO19760004242	19761214
NO146384 C	19820922	NO19760004242	19761214
NO764242 A	19770616	NO19760004242	19761214
NZ182871 A	19791025	NZ19760182871	19761213
NZ191300 A	19820323	NZ19790191300	19790814
PH12825 A	19790831	PH19760019238	19761214
PH12959 A	19791019	PH19780020895	19780317
PH13279 A	19800227	PH19760019233	19761213
PH13306 A	19800306	PH19760019235	19761213
PH13423 A	19800423	PH19760019234	19761213
PH13426 A	19800423	PH19760019240	19761214
PH13439 A	19800423	PH19760013439	19761213
PH13712 A	19800909	PH19760019232	19761213
PH14489 A	19810807	PH19760019242	19761214
PH15463 A	19830124	PH19790022921	19790817
PH16400 A	19830922	PH19780021800	19781113
PH16921 A	19840412	PH19760019241	19761214
PH17318 A	19840720	PH19760019239	19761214
PT65960 A	19770101	PT19760065960	19761214
PT65960 B	19790824	PT19760065960	19761214
SE438597 B	19850429	SE19760014123	19761215
SE438597 C	19850808	SE19760014123	19761215
SE440726 B	19850819	SE19790006942	19790820
SE440726 C	19851128	SE19790006942	19790820

SE7614123 A	19770825	SE19760014123	19761215	
SE7614123 L	19770825	SE19760014123	19761215	
SE7906942 A	19800222	SE19790006942	19790820	
SE7906942 L	19800222	SE19790006942	19790820	
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US4029758 A	19770614	US19750640612	19751215	
US4031200 A	19770621	US19750640653	19751215	
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US4069086 A	19780117	US19770784013	19770404	
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US4126503 A	19781121	US19770792377	19770429	
US4128444 A	19781205	US19770823363	19770810	
US4128445 A	19781205	US19770825746	19770818	
US4165998 A	19790828	US19770823295	19770810	
US4180558 A	19791225	US19780935274	19780821	
US4197289 A	19800408	US19780933709	19780815	
US4307555 A	19811229	US19790081710	19791004	
US4332789 A	19820601	US19770827284	19770824	
US4349531 A	19820914	US19790081759	19791004	
ZA7607136 A	19771026	ZA19760007136	19761130	
ZA7904240 A	19800827	ZA19790004240	19790814	

Probable Assignee: HOFFMANN LA ROCHE

Assignee(s):(std)**:** F HOFFMANN LA ROCHE AND CIE S A ; F HOFFMANN LA ROCHE AND CO ; F HOFFMANN LA ROCHE AND CIE SA ; F HOFFMANN LA ROCHE AND CO TE B AG ; HOFFMANN LA ROCHE AND CO F AG ; HOFFMANN LA ROCHE F AND CO AG ; HOFFMANN LA ROCHE ET CIE SA ; HOFFMANN LA ROCHE LTD ; SPARMEDICA AG ; HOFFMANN LA ROCH CO F AG ; HOFFMANN LA ROCHE ; HAFFMANN LA ROCHE F AND CO A G ; STURZENEGGER A ; SPARAMEDICA AG ; A R MLODOZENIEC ; A STURZENEGGER

Assignee(s): ADAMS JIM M ; ARMLODOZENIEC ; HOFFMANN LA ROCHE AND CO AG F ; HOFFMANN LA ROCHE INC ; HOFFMAN LA ROCHE INC ; HOFFMANN LA ROCHE F AND CO A G ; HOFFMANN LA ROCHE LIMITED ; HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT F ; HOFFMANN LA ROCHE F ; HOFFMANN LA ROCHE AND CO F ; GOLDBERG ARTHUR H ; MLODOZENIEC ARTHUR R ; STURZENEGGER AUGUST ; LIPINSKY EDWARD S ; WILLIAMS JOSEPH J ; MLODZENIEC ARTHUR R ; REIF ROBERT B ; WHITE LAWRENCE S ; HAFFMANN LA ROCHE F AND CO AG ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT ; F HOFFMANN LA ROCHE AND CO A G ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT TE B ; F HOFFMANN LA ROCHE AND CO AKTIENGESELL SCHAFT TE ; F HOFFMANN LA ROCHE AND CO AG ; F HOFFMANN LA ROCHE AND CO AKTIENGESELLSCHAFT TE BAZEL ZWITSERLAND ; F HOFFMANN LA ROCHE AND CO AKTIENGESELL SCHAFT TE BAZEL ZWITSERLAND ; FRANKLIN MICHAEL L ; GARDNER WILLIAM E ; F HOFFMANN LA ROCHE AND CO BASEL CH AG ; FHOFFMANN LA ROCHE AND CO AG ; F HOFFMANN LA ROCH CO AG ; EFU HOFUMAN RA ROSHU UNTO CO AG ; DABAL DENNIS J ; ASTURZENEGGER ; F HOFFMANN LA ROCHE AND CIE ; F HOFFMANN LA ROCHE AND CO AG BASEL CH ; F HOFFMANN LA ROCHE AND CO AG 4002 BASEL CH

Inventor(s):(std)**:** E S LIPINSKY ; J M ADAMS ; JJWILLIAMS ; JOSEFU JEEMUSU UIRIAMUSU ; MAIKERU REON FURANKURIN ; MICHAEL LEON FRANKLIN ; ROORENS ; W E GARDNER ; WILLIAM ELMORE GARDNER ; AUGUST STURZENEGGER ARTHUR ROMAN MLODOZENIEC EDWAR ; ARTHUR H GOLDBERG ; AHGOLDBERG ; A H GOLDBERG ; 2D J DABAL ; 10J J WILLIAMS ; WILLIAMS JOSEPH JAMES ; WILLIAMS JOSEPH J ; WILLIAMS J J ; WILLIAMS J ; WILLIAM JJ ; WHITE LS ; WHITE LAWRENCE SAMUEL ; WHITE LAWRENCE S ; WHITE L S ; WHITE L ; WEGARDNER ; UIRIAMU ERUMOA GAADONAA ; STURZENEGGER AUGUST ; STURZENEGGER A A ; STURZENEGGER A ; ROMAN MCLODOZENIEC ARTHUR ; ROBERT BRUCE REIF ; REIF ROBERT BRUCE ; REIF ROBERT B ; REIF ROBERT ; REIF RB ; REIF R B ; REIF

R ; RBREIF ; R B REIF ; OOGASUTO SUTAATSUENEGAA ; MLODZENIEC ARTHUR R ; MLODOZENIEC ARTHUR ROMAN ; MLODOZENIEC ARTHUR R ; MLODOZENIEC AR ; MLODOZENIEC A R ; MLODOZENIEC A ; MCLODOZENIEC ARTHUR ROMAN ; M L FRANKLIN ; LSWHITE ; LIPINSKY ES ; LIPINSKY EDWARD SOLOMON ; LIPINSKY EDWARD S ; LIPINSKY E S ; LIPINSKY E ; LIPINSKI E S ; LAWRENCE SAMUEL WHITE ; L S WHITE ; KLODOZENIEC A ; JOSEPH JAMES WILLIAMS ; JOSEPH JAMES WILLIAM ; JIYOSEFU JIEEMUSU UIRIAMUSU ; JIMU MIRUZU ADAMUSU ; JIM MILLS ADAMS ; GOLDBERG ARTHUR H ; GOLDBERG AH ; GOLDBERG A H ; GOLDBERG A ; GARDNER WILLIAM ELMORE ; GARDNER WILLIAM E ; GARDNER WE ; GARDNER W E ; GARDNER W ; FRANKLIN M L ; FRANKLIN M ; ESLIPINSKI ; EDWARD SOLOMON LIPINSKY ; EDOWAADO SOROMON RIPINSUKII ; DJDABAL ; DENNIS JOSEPH DABAL ; DENISU JOSEFU DABARU ; DENISU JIYOSEFU DABARU ; DABAL DJ ; ADAMS JIM MILLS ; ADAMS JIM M ; ADAMS J M ; ADAMS J ; AASAA ROMAN MURODOZENIIKU ; AASAA EICHI GOORUDOBAAGU ; A R MLODOZENIEC ; A A STURZENEGGER ; 9L S WHITE ; 8A A STURZENEGGER ; 7R B REIF ; 6A R MLODOZENIEC ; 5E S LIPINSKY ; 4A H GOLDBERG ; 3W E GARDNER ; 1J M ADAMS ; WILLIAM JOSEPH JAMES ; DABAL DENNIS JOSEPH ; DABAL DENNIS J ; DABAL D J ; DABAL D ; D J DABAL ; HABAL DENNIS J ; AUGUST STURZENEGGER ; ARTHUR ROMAN MLODOZENIEC ; ARTHUR ROMAN MCLODOZENIEC ; ADAMS JM ; FRANKLIN MICHAEL LEON ; FRANKLIN MICHAEL L

Inventor(s): E S LIPINSKI ; FRANKLIN MICHAEL LEON PARSIPPANY NJ ; FRANKLIN MICHAEL LEON PARSIPPANY N J ; 9 L S WHITE ; 8 A A STURZENEGGER ; 7 R B REIF ; 6 A R MLODOZENIEC ; 5 E S LIPINSKY ; 4 A H GOLDBERG ; 3 W E GARDNER ; 2 D J DABAL ; 10 J J WILLIAMS ; 1 J M ADAMS ; J J WILLIAMS ; ADAMS JIM MILLS WEST CALDWELL N J US ; ADAMS JIM MILLS WEST CALDWELL N J ; ARTHUR ROMAN MIODOZENIEC ; H GOLDBERG ARTHUR ; GOLDBERG ARTHUR H MONTCLAIR N J US ; BRUCE REIF ROBERT ; AUGUST STURZENEGGER ARTHUR ROMAN MLODOZENIEC EDWARD SOLOMON LIPINSKY ARTHUR H GOLDBERG WILLIAM ELMORE GARDNER DENNIS JOSEPH DABAL JOSEPH JAMES WILLIAMS JIM MILLS ADAMS LAWRENCE SAMUEL WHITE ROBERT BRUCE REIF ; STURZENEGGER A MLODOZENIEC AR LIPINSKY ES GOLDBERG AH GARDNER WE BADAL D J WILLIAMS J J ADAMS J M WHITE L S AND REIF R B ; DABAL DENNIS JOSEPH WHIPPANY N J US ; DABAL DENNIS JOSEPH WHIPPANY N J ; ELMORE GARDNER WILLIAM ; FRANKLIN MICHAEL LEON PARSIPPANY N J US ; GARDNER WILLIAM ELMORE WYCKOFF N J US ; GARDNER WILLIAM ELMORE WYCKOFF N J ; JAMES WILLIAMS JOSEPH ; JOSEPH DABAL DENNIS ; LEON FRANKLIN MICHAEL ; LIPINSKY EDWARD SOLOMON COLUMBUS OHIO US ; MILLS ADAMS JIM ; MLODOZENIEC ARTHUR ROMAN MONTCLAIR N J US ; MLODOZENIEC ARTHUR ROMAN MONTCLAIR N J ; RO ; REIF ROBERT BRUCE GROVE CITY OHIO US ; SOLOMON LIPINSKY EDWARD ; SAMUEL WHITE LAWRENCE ; ROMAN MLODOZENIEC ARTHUR ; STURZENEGGER AUGUST ESSEX FALLS N J US ; STURZENEGGER AUGUST ESSEX FALLS N J ; WHITE LAWRENCE SAMUEL RAMSEY N J US ; WHITE LAWRENCE SAMUEL RAMSEY N J

International class (IPC 8–9): A61J3/00 A61J3/06 A61J3/07 A61K47/00 A61K47/30 A61K9/00 A61K9/14 A61K9/20 A61K9/22 A61K9/24 A61K9/28 A61K9/44 A61K9/70 (Advanced/Invention);
A61K9/70 (Advanced/Non–invention);
A61J3/00 A61J3/06 A61J3/07 A61K47/00 A61K47/30 A61K9/00 A61K9/14 A61K9/20 A61K9/22 A61K9/24 A61K9/28 A61K9/44 A61K9/70 (Core/Invention);
A61K9/70 (Core/Non–invention);
A61K (Subclass/Invention)

International class (IPC 1–7): A61F A61J3/00 A61J3/06 A61J3/07 A61J3/10 A61K31/44 A61K47/00 A61K9/00 A61K9/10 A61K9/14 A61K9/18 A61K9/20 A61K9/22 A61K9/24 A61K9/44 A61K9/70 A61M31/00 B31C11/06 B31C13/00 B31F1/00 B32B31/06 B32B31/08 B32B31/18 B32B33/00 B65B57/00 B65B9/06 B65H81/00 D21H5/14

CPC: Y10T156/101 Y10T156/1015 Y10T156/1044 Y10T156/1051 Y10T156/1054 Y10T156/125 Y10T156/1313 Y10T428/24777 Y10T428/24793 Y10T156/1007 Y10T156/1021 Y10T156/1322 Y10T156/1016 A61J3/00 A61F2013/0296 A61K9/2072 A61K9/2095 A61K9/28 Y10T428/31978 A61K9/70 B30B11/16 B30B11/18

European class: A61J3/00 A61K9/20K A61K9/20P A61K9/28 A61K9/70 K61F13/02M10

US class: 118/621 118/664 156/150 156/184 156/191 156/194 156/199 156/201 156/204 156/205 156/208 156/222 156/227 156/251 156/277 156/278 156/290 156/378 156/379 156/384 156/443 156/446 156/450 156/462 156/470 156/474 156/511 156/515 156/517 156/582 156/583.4 156/583.5 156/64 424/10.2 424/16 424/21 424/27 424/439 424/443 424/444 424/452 424/457 424/459 425/294 425/303 425/307 425/364R 427/2.14 427/2.21 428/192 428/194 428/534 53/53 53/546 53/553 53/560 604/376

Classification Explorer

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0) US2004166998A – EXERCISE DEVICE

2) Family number: 30828317 (US2004166998A) © PatBase

Title: EXERCISE DEVICE

Priority:

US20030376044	20030226	US20030469283P	20030509	US20030482199P	20030623
US20040785541	20040224	US20060806146P	20060629	US20060790325P	20060406
US20080049501	20080317	US20070939789P	20070523	US20080111310	20080429
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Family:

Publication number	Publication date	Application number	Application date
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AU2004216195 BB	20080612	AU20040216195	20040224
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US2007203004 AA	20070830	US20070688539	20070320
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US6921355 BB	20050726	US20030376044	20030226
US7270628 BB	20070918	US20040785541	20040224
US7503880 BB	20090317	US20070688539	20070320
US7766801 BB	20100803	US20090405489	20090317
US7775950 BB	20100817	US20080111310	20080429
US8075457 BB	20111213	US20100857667	20100817
US8323157 BB	20121204	US20100841894	20100722
US8696528 BB	20140415	US20120689260	20121129
WO04075998 A2	20040910	WO2004US05342	20040224
WO04075998 A3	20050721	WO2004US05342	20040224
WO07117924 A2	20071018	WO2007US64618	20070322
WO07117924 A3	20071227	WO2007US64618	20070322

Probable Assignee: TOTAL GYM GLOBAL CORP

Assignee(s):(std)**:** CAMPANARO JOY L ; CAMPANARO THOMAS J ; ENGINEERING FITNESS CORP ; ENGINEERING FITNESS INT ; ENGINEERING FITNESS INT C ; ENGINEERING FITNESS INT CORP ; WESTFALL LARRY ; MCMURRAY DOUGLAS DALE ; MCCUTCHEON DAN ; TOTAL GYM GLOBAL CORP ; MAHON CHARLES JOSEPHN

Assignee(s): MC MURRAY DALE ; TOTALGYM GLOBAL CORP ; ENGINEERING FITNESS INTIONAL

Inventor(s):(std)**:** CAMPANARO THOMAS J ; MAHON CHARLES JOSEPH ; MAHON CHARLES JOSEPHN ; MC MURRAY DALE ; MCCUTCHEON DAN ; CAMPANARO JOY L ; MCMURRAY DOUGLAS D ; MCMURRAY DOUGLAS DALE ; WESTFALL LARRY

Inventor(s): CAMPANARO JOY ; THOMAS J CAMPANARO ; CAMPANARO THOMAS ; MCMURRAY DOUGLAS ; DOUGLAS DALE MCMURRAY ; JOY L CAMPANARO ; LARRY WESTFALL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A63B21/00 A63B21/06 A63B21/068 A63B23/02 A63B23/035 A63B24/00 A63B26/00 (Advanced/Invention); A63B21/00 A63B21/06 A63B23/00 A63B23/035 A63B26/00 (Core/Invention)

International class (IPC 1–7): A63B21/02 A63B21/062 A63B21/068 A63B23/00

CPC: A63B22/205 A63B24/00 Y10S482/908 A63B23/0222 A63B23/0233 A63B2208/0219 A63B22/0002 A63B22/0605 A63B22/0012 A63B22/0694 A63B2022/0652 A63B21/015 A63B23/0355 A63B23/12 A63B2208/0252 A63B2210/58 A63B23/03533 A63B21/0622 A63B21/4035 A63B21/4043 A63B21/154 A63B21/156 A63B21/068 A63B22/0007 A63B22/001 A63B22/0023 A63B22/0087 A63B23/03575 A63B23/1218 A63B2210/50 A63B2225/093 A63B2225/107 A63B2208/12 A63B21/4029 A63B21/4031 A63B21/4045 A63B23/03525 A63B23/1209 A63B23/03541 A63B21/0628

European class: A63B21/068 A63B21/06D A63B21/15F6 A63B21/15F6P A63B22/00A4 A63B22/00A6 A63B22/00B4 A63B22/00S A63B23/02A6 A63B23/035F A63B23/035G A63B23/04C A63B23/12 K63B208/02C2 K63B208/02F2 K63B208/12 K63B21/015 K63B21/06D K63B21/06D1C K63B210/50 K63B210/58 K63B22/00B4 K63B22/20 K63B22/20T4 K63B225/09H K63B23/02B

US class: 482/103 482/123 482/123P 482/130 482/131 482/131P 482/132 482/133 482/133P 482/135 482/138 482/140 482/140P 482/141 482/142 482/142P 482/145 482/4 482/908 482/95 482/95P 482/96 482/96P 482/98 482/98S

Classification Explorer

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3) Family number: 28279361 (US2002172806A) © PatBase

Title: PROTECTIVE FILM FOR THE SURFACE OF A HANDRAIL FOR AN ESCALATOR OR MOVING WALKWAY

Priority:

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US7951254 BB	20110531	US20090481153	20090609
WO0048935 A1	20000824	WO2000CA00166	20000218
WO05065934 A1	20050721	WO2005CA00014	20050106

Probable Assignee: EHC CANADA INC

Assignee(s):(std)**:** BUGG RONALD L ; EHC CANADA INC ; EPPEL JENO ; ESCALATOR HANDRAIL CO BAR ; MCLEOD JOHN ; RONALD H BALL ; ESCALATOR HANDRAIL COMPANY INC ; HAIDER VIQAR ; TATU ION VIOREL ; RONALD H PAUL ; ESCALATOR HANDRAIL COMPANY BAR ; ESCALATOR HANDRAIL CO BARBADOS INC ; BALL RONALD H ; ESCALATOR HANDRAIL CO INC ; ESCALATOR HANDRAIL COMPANY BARBADOS INC

Assignee(s): RONALD H HALL ; BALL RONALD H MR ; GM GLOBAL TECHNOLOGY OPERATIONS INC

Inventor(s):(std)**:** BUGG RONALD L ; ION VIOREL TATU ; JOHN MCLEOD ; MCLEOD JOHN ; RONALD L BUGG ; VIQAR HAIDER ; HAIDER VIQAR ; BUGG L ; ION VIOREL MCLEOD JOHN HAIDER ; BUGG JOHN MCLEOD RONALD L ; EPPEL JENO ; BALL RONALD H ; TATU ION VIOREL

Inventor(s): MCLEOD JOHN HAIDER VIQAR TATU ION VIOREL ; JOHN MCLEOD RONALD L BUGG ; TATU, ION–VIOREL

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B29C63/04 B29C65/00 B29C65/18 B29C65/50 B29D31/00 B29D99/00 B32B23/02 B32B25/08 B32B27/40 B32B33/00 B32B37/00 B32B37/10 B32B37/12 B32B38/10 B32B7/06 B32B7/10 B32B7/12 B65C9/20 B65D23/04 B66B21/02 B66B23/22 B66B23/24 B66B31/00 B66B31/02 C09J5/00 C09J7/02 E04F11/18 G06Q90/00 G09F19/02 G09F19/22 G09F21/04 G09F23/00 G09F3/00 G09F7/12 (Advanced/Invention); B32B7/10 C09J7/02 (Advanced/Non–invention); B05B31/00 B32B23/00 B32B25/00 B32B27/40 B32B3/00 B66B23/22 B66B23/24 B66B31/00 G09F23/00 G09F3/10 (Core/Invention); B32B B66B G09F (Subclass/Invention); G09F (Subclass/Non–invention)

International class (IPC 1–7): B05B31/00 B32B25/08 B32B3/00 B32B31/00 B32B7/10 B32B7/12 B32B7/14 B32B9/04 B65D23/04 B66B21/02 B66B23/24 B66B31/00 B66B31/02 C09J1/00 C09J7/02 E04F11/18 G09F19/02 G09F19/22 G09F21/04 G09F23/00 G09F3/00 G09F3/10

CPC: Y10S428/913 B29C65/18 B29C65/5042 B29C66/345 B29C66/861 B29L2031/008 G06Q30/0273 B29C66/1122 B29C66/4322 B29C66/4324 B29C66/524 B29C66/5241 B29C66/5326 B29C66/0044 B29C66/8122 B29C65/4815 B29C65/4825 Y10T428/24802 Y10T428/24868 Y10T428/265 Y10T428/24479 Y10T428/24777 Y10T428/24942 Y10T428/28 Y10T428/2848 B29L2031/709 Y10T428/31504 B29C66/7315 B29C66/73151 B29C66/81422 B29C66/836 B29K2995/007 B29K2995/0077 B29C66/1142 B29C66/496 B66B23/24 B29C66/71 B66B31/00 B29C66/8161 B29C66/8221 B29C66/8223 B66B31/02 B29C66/723 B32B7/06 B32B7/12 B32B27/08 B32B38/0012 B32B2375/00 B32B2519/00 B32B27/40 G09F19/22 B29C63/044

European class: B29C63/04D B29C65/18 B29C65/50B B29C66/1142 B29C66/345 B29C66/43 B29C66/861 B32B27/40 B66B23/24 B66B31/00 G06Q30/0273 G09F19/22 L29L31/00B6 L29L31/709

US class: 156/163 156/182 156/182S 156/229 156/242 156/247 156/247S 156/249 156/249S 156/281 156/324 156/324S 156/344 156/350 156/356 156/443 156/446 156/448 156/449 156/458 156/495 198/336 198/336S 198/337 198/501.1 198/502.1 283/56 428/156 428/156S 428/192 428/195 428/195.1 428/195.100P 428/195.100S 428/203 428/203P 428/212 428/336 428/336S 428/343 428/354 428/411.1 428/411.100P 428/913 705/14.69 705/14.690P

Classification Explorer

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0) US4752175A – GRAVITY MOTIVATED VERTICAL LIFT CONVEYOR

4) Family number: 30492796 (US4752175A) © PatBase

Title: Gravity motivated vertical lift conveyor

Priority:

CA19890591384	19890217	CA19890591385	19890217	CA19890591603	19890221
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Probable Assignee: COMPUTER AIDED SYSTEMS INC

Assignee(s):(std)**:** BERNARD II CLAY ; COMPUTER AIDED SYSTEMS INC ; LICHTI SR ROBERT ; LICHTI SR ROBERT D ; LUKKEN STANLEY H ; PERRY DANIEL C ; LICHTI ROBERT D SR

Assignee(s): COMPUTER AIDED SYSTEMS INC POINT RICHMOND CALIF US ; LICHTI AND BERNARD ASSOCIATES A GENERAL... ; BERNARD CLAY II ; LICHTI AND BERNARD ASSOCIATES ; COMPUTER AIDED SYSTEMS INC A CORP OF CA ; COMPUTER AIDED SYSTEMS INC HAYWARD CALIF 94544 US ; CAMCAR INTELLECTUAL PROPERTIES LLC

Inventor(s):(std)**:** BERNARD II CLAY ; CLAY BERNARD JR ; DANIEL C PERRY ; LICHTI SR ROBERT ; LICHTI SR ROBERT D ; ROBERT D LICHTI SR ; STANLEY H LUKKEN ; PERRY DANIEL C ; PERRY DANIEL ; LUKKEN STANLEY H ; LUKKEN STANLEY ; BERNARD CLAY JR ; BERNARD CLAY II ; BERNARD CLAY ; LICHTI ROBERT D ; LICHTI ROBERT D SR ; LICHTI ROBERT

Inventor(s): BERNARD CLAY JR PT RICHMOND CA 94801 US ; LICHTI ROBERT D SR LAKE ALMANOR PENINSULA CA 96137 ; LUKKEN STANLEY H SAN FRANCISCO CA 94118 US ; PERRY DANIEL C SAN JOSE CA 95136 US

Designated states: AT AU BE CH DE DK FI FR GB IT JP KR LI LU NL NO SE

International class (IPC 8–9): B65G1/00 B65G1/04 B65G1/06 B65G1/10 B65G1/127 B65G1/133 B65G1/137 B65G17/00 B65G17/22 B65G17/44 B65G47/10 (Advanced/Invention); B65G1/00 (Advanced/Non–invention); B65G1/00 B65G1/04 B65G1/10 B65G1/12 B65G1/137 (Core/Invention)

International class (IPC 1–7): B65G1/00 B65G1/04 B65G1/06 B65G1/10 B65G1/12 B65G1/127 B65G1/133 B65G1/137 C09K11/61 C09K11/88 H05B33/14

CPC:

B65G1/127 B65G17/002 B65G17/22 B65G17/44 B65G1/1378 G05B19/4189 B65G1/1371 B65G1/0485 B65G2201/02 Y02P90/18 Y02P90/28

European class: B65G1/04N B65G1/127 B65G1/137B B65G1/137D6 B65G17/00B B65G17/22 B65G17/44 L65G201/02

US class: 187/17 187/255 193/35A 198/339.1 198/340 198/341 198/341.04 198/341.05 198/341.08 198/346 198/346.1 198/346.2 198/347.2 198/358 198/361 198/364 198/368 198/370 198/370.01 198/435 198/457 198/457.03 198/460 198/463.3 198/469.1 198/536 198/586 198/793 198/794 198/797 198/798 198/799 198/800 198/801 198/832 198/832.2 198/867.01 198/867.08 198/867.13 198/867.14 209/545 211/1.5 211/1.51 211/1.52 211/1.55 211/122 221/9 312/268 364/478 411/222 411/273 411/278 411/285 411/331 411/417 414/222 414/267 414/273 414/276 414/278 414/280 414/282 414/285 414/286 414/331 414/331.03 414/331.04 414/416.04 414/417 414/660 414/785 414/786 414/787 414/800 414/807 53/251 53/391 700/112 700/218 700/228 700/230

Classification Explorer

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0) US3859635A – PROGRAMMABLE CALCULATOR

5) Family number: 1519861 (US3859635A)

© PatBase

Title: PROGRAMMABLE CALCULATOR

Priority:

CA19720144658	19720614	CA19770291273	19771031	CA19770291274	19771031
CA19770293301	19771031	CA19770293302	19771031	CA19770291275	19771031
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US19710153437	19710615	US19790046871	19790608	US19830466449	19830215
US19810239867	19810302	US19790085342	19791016	US19810232088	19810206
US19810227453	19810122				

Family:

Publication number	Publication date	Application number	Application date
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CA1058760 A2	19790717	CA19770291274	19771031
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CA1058766 A2	19790717	CA19770291273	19771031
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US4480305 A	19841030	US19810227453	19810122
ZA7204117 A	19740130	ZA19720004117	19720615

Probable Assignee: HEWLETT PACKARD CO

Assignee(s):(std)**:** HEWLETT PACKARD CO ; NEAR CHARLES W ; RHONE POULENC SA ; WATSON ROBERT E ; WALDEN JACK M

Assignee(s):	RHONE POULENC FR ; HEWLETT PACKARD CO PALO ALTO CALIF V ST A ; HEWLETT PACKARD COMPANY ; HEWLETT PACKARD CY ; HEWLETT PACKARD CY US ; HEWLETT PACKARD
Inventor(s):(std)	NEAR C ; NEAR CHARLES W ; WALDEN J ; WALDEN JACK M ; WATSON R ; WATSON ROBERT E
Inventor(s):	WIRD SPAETER GENANNT WERDEN
International class (IPC 8–9):	G06F15/02 (Advanced/Invention) ; G06F15/02 (Core/Invention)
International class (IPC 1–7):	B41J15/00 B41J3/00 B41J3/10 B41J3/20 G06F13/00 G06F13/08 G06F15/02 G06F3/00 G06F3/02 G06F3/06 G06F3/12 G06F3/14 G06F5/00 G06F5/02 G06F7/00 G06F7/38 G06F9/00 G06F9/06 G06F9/40 G06K15/10
CPC:	G06F15/02 G06F15/0233 G07G1/12 G07G1/14
European class:	43A41K7D2 G06F15/02 G06F15/02D1 G07G1/12 G07G1/14
US class:	340/172.5 341/22 364/200 364/706 364/709 708/130 708/139 708/173 708/206 D18/007 D18/7
Classification Explorer	
Cited documents:	US4145742 A, US4127897 A, US4053753 A, US4028538 A, US4015245 A, US3971925 A, US3839630 A, US3760375 A, US3760171 A, US3744031 A, US3631536 A, US3631403 A, US3629850 A, US3623156 A, US3623012 A, US3602894 A, US3593313 A, US3593297 A, US3533078 A, US3533076 A, US3492658 A, US3436734 A, US3416139 A, US3364395 A, JP45029522 Y1,

0) US3409422A – METHOD AND APPARATUS FOR FORMING A COMPOUND BEN...

6) Family number: 30016888 (US3409422A) © PatBase

Title: Method and apparatus for forming a compound bend in a glass sheet on a gas support bed

Priority:

FR19620910140	19620921	FR19620910141	19620921	FR19620910142	19620921
FR19620910146	19620921	FR19620910145	19620921	FR19630941159	19630711
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US19650513378	19651213				

Family:

Publication number	Publication date	Application number	Application date
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FR88465 E	19670210	FR19650021625	19650621	
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US3342573 A	19670919	US19650513378	19651213
US3409422 A	19681105	US19670660469	19670814

Probable Assignee: PPG INDUSTRIES INC

Assignee(s):(std)**:** PITTSBURGH PLATE GLASS CO ; PPG IND INC ; PPG INDUSTRIES INC ; PPG INDUSTRIES INC PITTSBURGH PENNSYLVANIA VER ST

Assignee(s): PPG INDUSTRIES INC PITTSBURGH PENNSYLVANIA VER ST V AM ; PPG INDUSTRIES INC PITTSBURGH PA V ST A ; PPG IND INC PITTSBURGH PA V ST A ; PITTSBURGH PLATE GLASS COMPANY ; PITTSBURGH PLATEGLASS CO

Inventor(s):(std)**:** DAVIDSON C ; FREDLEY J ; FREDLEY J C ; FREDLEY JAMES CLAIR ; SLEIGHTER G ; SLEIGHTER G E ; SLEIGHTER GEORGE ELWOOD ; SLEIGHTER GEORGE ELWOOD NATRONA HEIGHTS ; SLEIGHTER GEORGE E ; RICHARD DAVIDSON JUN CHARLES ; PA ; FREDLEY JAMES CLAIR TARENTUM ; FREDLEY JAMES C ; FREDLEY CLAIR JAMES ; ELWOOD STEIGHTER GEORGE ; ELWOOD SLEIGHTER GEORGE ; DAVIDSON JR CHARLES R ; CYPHER JAMES H ; CLAIR FREDLEY JAMES ; ANTHONY GUIOTTA JOSEPH ; GULOTTA JOSEPH A ; HERSHEL CYPHER JAMES ; JAMES CLAIR FREDLEY ; GEORGE ELWOOD SLEIGHTER ; GULOTTA JOSEPH

	ANTHONY
Inventor(s):	GULOTTA JOSEPH ANTHONY NEW KENSINGTON PA V ST A ; JAMES CLAIR FREDLEY GEORGE ELWOOD SLEIGHTER AND GEORGL WILLIAM MISS AN ; JAMES CLAIR FREDLEY AND GEORGE ELWOOD SLEIGHTER ; CHARLES RICHARD DAVIDSON JR ; RICHARD DAVIDSON JUN ; JR CHARLES R DAVIDSON
International class (IPC 8–9):	B65G49/06 B65G51/02 B65G51/03 B65H29/24 B65H5/06 B65H5/22 C03B23/02 C03B23/03 C03B23/035 C03B27/008 C03B27/048 C03B29/08 C03B29/12 C03B35/00 C03B35/16 C03B35/18 C03B35/22 C03B35/24 C03C17/00 (Advanced/Invention); C03B23/02 (Advanced/Non–invention); B65G51/00 B65H29/24 C03B23/02 C03B27/00 C03B27/008 C03B29/00 C03B35/00 C03C17/00 (Core/Invention); C03B23/02 (Core/Non–invention)
International class (IPC 1–7):	B65G49/06 C03B23/02 C03B23/035 C03B27/00 C03B27/04 C03B29/00 C03B29/04 C03B35/00 C03B35/24 C03C17/00 G06F17/50 G06F19/00 G06K9/03
CPC:	C03B23/035 C03B27/008 C03B27/0404 C03B27/0413 C03B27/048 C03B29/08 C03B29/12 C03B35/16 C03B35/18 C03B35/189 C03B35/24 C03B35/243 C03B2225/02 C03C17/001 C03C17/002
European class:	C03B23/035 C03B27/008 C03B27/048 C03B27/04A C03B27/04B C03B29/08 C03B29/12 C03B35/16 C03B35/18 C03B35/18H C03B35/24 C03B35/24B C03C17/00B C03C17/00B2 M03B225/02
US class:	156/102 226/196.1 242/615.11 264/500 414/159 414/676 65/104 65/106 65/107 65/114 65/115 65/119 65/161 65/182.2 65/194 65/25 65/25.2 65/25.4 65/285 65/287 65/29.15 65/348 65/350 65/351 65/60.52 65/60.53 65/65 65/90
Classification Explorer	
Cited documents:	US820205 A, US756600 A, US3332761 A, US3332760 A, US3223506 A, US3223501 A, US3081209 A, US3069965 A, US3062520 A, US3048383 A, US2985986 A, US2848820 A, US2826868 A, US2746210 A, US2505103 A, US2395727 A, US2387886 A, US2311846 A, US2042610 A, US1827138 A, US1622817 A, JP37040949 A2, GB356676 A, FR1149169 A,

0) US3355120A – WEB–ROLL DRIVING APPARATUS FOR AUTOMATIC SPLICI...

7) Family number: 23002340 (US3355120A) © PatBase

Title:	WEB–ROLL DRIVING APPARATUS FOR AUTOMATIC SPLICING ROLLSTAND
Priority:	US19650464926 19650618

Family:

Publication number	Publication date	Application number	Application date
US3355120 A	19671128	US19650464926	19650618

Probable Assignee:	HUCK WILLIAM F
Assignee(s):(std):	HUCK WILLIAM F
Inventor(s):(std):	HUCK WILLIAM F
International class (IPC 8–9):	B65H19/18 (Advanced/Invention); B65H19/18 (Core/Invention)
International class (IPC 1–7):	B65H19/10
CPC:	B65H19/1821 B65H19/1868
European class:	B65H19/18B2D B65H19/18F4
US class:	242/554.6
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0) US2006229164A – APPARATUSES FOR RETROFITTING EXERCISE EQUIPMENT...

8) Family number: 32171719 (US2006229164A) © PatBase

Title: APPARATUSES FOR RETROFITTING EXERCISE EQUIPMENT AND METHODS FOR USING SAME

Priority:

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Probable Assignee: MOTORIKA LTD

Assignee(s):(std)**:** REABILITY INC ; KORENMAN ERNESTO ; MAHONEY RICHARD M ; MOTORIKA INC ; MOTORIKA LTD ; BINYAMINI GAD ; EINAV HAIM ; EINAV OMER ; FARAN SAMUEL ; KATZIR ERAN ; ROUSSO BENNY ; SHABANOV DORON ; ZOHAR ESTER ; TYLERTONE INTERNAT INC ; TYLERTON INTERNAT INC ; TYLERTONE INT INC ; TYLERTON INT INC

Assignee(s): SANDLEFORD PARK SECURITY AGENT AS LTD ; TYLERTON INT ; TYLERTONE INT ; TYLERTON INTERNATIONAL INC ; TYLERTONE INTERNATIONAL INC ; KATZIR ERAN AND ; REABILITY INC EINAV OMER ; MOTORIKA LIMITED ; MEDINVEST CAPITAL SA RL ; MORGAN STANLEY BANK INT ; MOTORIKA MEDICAL INC ; MEDINVEST CAPITAL RL SA ; MORGAN STANLEY BANK INT LTD

Inventor(s):(std)**:** FARAN SAMUEL ; GAD EINAV OMER EINAV HAIM ROUS ; KORENMAN ERNESTO ; MAHONEY RICHARD M ; OMER EINAV ; ZOHAR ESTER ; SHABANOV DORON ; ROUSSO BENNY ; KATZIR ERAN ; EINAV OMER ; EINAV HAIM ; BINYAMINI GAD

Inventor(s): HAIM EINAV ; GAD BINYAMINI ; BENNY ROUSSO ; DORON SHABANOV ; EINAV OMER EINAV HAIM ROUSSO BENNY SHABANOV ; EINAV OMER EINAV HAIM ROUSSO BENNY SHABANOV DORON KATZIR ERAN BINYAMINI GAD ; ERAN KATZIR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A63B23/16 A47D13/04 A61B19/00 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/0476 A61B5/0478 A61B5/0482 A61B5/0484 A61B5/0488 A61B5/0492 A61B5/05 A61B5/055 A61B5/103 A61B5/11 A61B5/22 A61F5/00 A61H1/00 A61H1/02 A61H23/00 A61H3/00 A61H3/02 A61H3/04 A61H99/00 A61N1/00 A61N1/04 A61N1/05 A61N1/18 A61N1/36 A63B21/00 A63B21/005 A63B21/008 A63B21/012 A63B21/045 A63B21/22 A63B23/00 A63B23/035 A63B23/04 A63B23/12 A63B24/00 A63B26/00 A63B69/00 A63B71/00 G06F19/00 G09B11/00 G09B23/28 G09B23/32 G09B9/00 H01R29/00 (Advanced/Invention);
A61B5/00 A61B5/04 A61B5/0476 A61B5/0488 A61B5/055 A61B5/11 A61B5/16 A61H1/00 A61H3/00 A63B24/00 A63B26/00 (Advanced/Non–invention);
A47D13/00 A61B19/00 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/0476 A61B5/0488 A61B5/05 A61B5/103 A61B5/11 A61B5/22 A61H1/00 A61H1/02 A61H3/00 A61H99/00 A61N1/00 A61N1/05 A61N1/36 A63B21/00 A63B21/005 A63B21/008 A63B21/012 A63B21/02 A63B23/00 A63B23/035 A63B23/04 A63B24/00 A63B26/00 A63B69/00 A63B71/00 G06F19/00 G09B11/00 G09B23/00 G09B9/00 H01R29/00 (Core/Invention);
A61B5/04 A61B5/0476 A61B5/0488 A61B5/055 A61B5/11 A61B5/16 A63B24/00 (Core/Non–invention)

International class (IPC 1–7): A61B5/0488 A61B5/11 A61F2/54 A61F2/60 A61F2/68 A61H1/00 A61H1/00 A61H1/02 A61H3/00 A61N1/00 A61N1/36 A63B23/00 A63B23/035 B25J

CPC: G06F19/327 A63B24/0075 A63B71/0697 G06F19/322 G06Q50/24 A61B5/0205 A61B5/021 A61B5/024 A61B5/0402 A61B5/145 A61B5/4824 A61B8/0875 A61B2560/0242 A61G7/0573 A61G15/007 A61H2201/0207 A61H2201/10 A61H2201/5048 A61N1/00 A63B23/20 A63B24/00 A63B71/0622 A63B2209/08 A63B2213/002 A63B2213/004 A63B2213/005 A63B2220/30 A63B2225/096 A63B2225/15 A63B2225/20 A63B2225/30 A63B2225/50 A63B2225/64 A63B2230/04 A63B2230/202 A63B2230/30 A63B2230/40 A63B2230/433 A63B2230/436 A61B5/04842 A61B5/04845 A61B5/165 A61H2230/25 A61H2230/62 A63B21/00 A63B2220/833 A61B2560/0418 A63B21/00069 A63B21/00076 A61H1/024 A61H1/0277 A61H1/0281 A61H1/0292 A61H2201/0157 A61H2201/0161 A61H2201/0192 A61H2201/1215 A61H2201/123 A61H2201/1238 A61H2201/1604 A61H2201/1621 A61H2201/1623 A61H2201/1628 A61H2201/1635 A61H2201/164 A61H2201/1676 A61H2230/00 A61H2230/06 A61H2230/30 A61H2230/60 A61H1/0262 A61H2201/5043 A61H2201/0184 A61H2201/5058 A63B21/012 A63B2225/305 G06F3/016 G06F19/3406 A61G7/015 A61G7/053 A61G15/125 A61G2200/36 A61G5/14 A61H23/0263 A61H2201/0142 A61H2201/0149 A61H2205/04 A61H2205/06 A61H2205/081 A61H2205/10 A61B5/1127 A61B5/0476 A61B5/0488 A61B5/1124 A61H3/00 A61H2230/08 A61H2230/10 A63B23/035 A63B2220/12 A63B2230/10 A61H2201/5023 A63B21/00178 A63B2024/0078 A61B5/11 A61B5/16 A61B5/224 A61B5/486 A61B5/7475 A61H2201/1642 A61H2201/1659 A61H2201/5007 A61H2201/5069 A61H2230/505 A61H2230/655 G09B23/28 G09B23/32 A61H2201/1261 A63B21/00181 A63B2208/12 A63B2220/13 A63B2220/16 A63B2220/51 A63B2230/08 A61B5/6831 A61H1/0237 A61H1/0255 A61H1/0259 A61H1/0266 A61H3/008 A61H2001/0203 A61H2201/0115

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European class: A61B5/0484 A61B5/103 A61B5/11P A61B5/11U A61B5/11W2 A61B5/16 A61B5/16H A61B5/22D A61B5/48E A61B5/48S A61B5/68F A61B5/74M A61G15/00M A61G7/057F A61H1/00B A61H1/02 A61H1/02L A61H1/02L4 A61H1/02L4L A61H1/02L5 A61H1/02M A61H23/02R2 A61H3/00 A61H3/00H A61N1/36A A61N1/36E2 A63B21/005F A63B21/00P A63B21/00T A63B21/012 A63B21/14M6 A63B23/035 A63B24/00 A63B26/00B A63B71/00H A63B71/06D2 G06F19/32C G06F19/32G G06F19/34A G06F19/34N G06F3/01F G06Q50/24 G09B23/28 G09B23/32 K61B5/0205 K61B5/021 K61B5/024 K61B5/0402 K61B5/0476 K61B5/0484B K61B5/0484D K61B5/0488 K61B5/0488D K61B5/11 K61B5/11P K61B5/145 K61B5/16 K61B5/22D K61B5/45F K61B5/45K K61B5/48S K61B505/09 K61B560/02F K61B8/08R K61H1/02A3 K61H201/01E K61H201/01F10A K61H201/01F10B K61H201/02H K61H201/10 K61H201/12D2 K61H201/16A14A K61H201/16A16A K61H201/16B2 K61H201/50C K61H201/50F K61H201/50F12 K61H201/50S12 K61H201/50S16 K61H201/50S2 K61H201/50S22 K61H201/50S4 K61H201/50S6 K61H201/50S8 K61H203/04B K61H203/04E K61H205/04 K61H205/06 K61H205/08A K61H205/10 K61H230/08 K61H230/10 K61H230/25 K61H230/50A K61H230/62 K61H230/65A K61H3/00H K61N1/00 K63B208/02E2 K63B208/12 K63B209/08 K63B213/00B2 K63B213/00E K63B213/00F K63B220/12 K63B220/13 K63B220/16 K63B220/30 K63B220/51 K63B220/83A K63B225/09M K63B225/15 K63B225/20 K63B225/30 K63B225/30R K63B225/50 K63B225/64 K63B23/20 K63B230/04 K63B230/08 K63B230/10 K63B230/20B K63B230/30 K63B230/40 K63B230/43C K63B230/43D K63B24/00H K63B24/00H2 K63B26/00B K63B71/00H K63B71/00H2 K63B71/06R S06F19/34N

US class: 1/1 128/898 128/898S 482/110 482/110P 482/110S 482/142 482/142S 482/4 482/4S 482/66 482/66P 482/7 482/79 482/7P 482/8 482/8P 482/8S 482/9 482/92 482/92S 482/9P 482/9S 600/300 600/300S 600/301 600/384 600/544 600/544P 600/546 600/546S 600/595 601/23 601/24 601/26 601/27 601/32 601/33 601/33P 601/33S 601/34 601/34P 601/34S 601/35 601/46 601/5 601/5P 601/5S 602/16 602/20 607/48 607/48P 607/49 607/50 607/62 705/3 705/3P

Classification Explorer

Cited documents: WO9846127 A1, WO9843701 A1, WO9843700 A1, WO9837926 A1, WO9213504 A1, WO06082584, WO06061834, WO06021952, WO05105203, WO05087307, WO05086574, WO05075155, WO05074373, WO05074372, WO05074371 A2, WO05074370 A2, WO05074369 A2, WO04050172 A1, WO03105744 A2, WO03023546 A2, WO0235457 A2, WO0213673 A2, WO02092164 A2, US8753296 BB, US8165685 BA, US8012107 BB, US7504577 BB, US7381192 BB, US7209788 BB, US7163488 BB, US7115078 BA, US7012107 BB, US6966882 BB, US6870438 BA, US6852086 BB, US6839594 BB, US6829510 BB, US6774885 BA, US6682351 BA, US6645126 BA, US6613000 BA, US6592315 BB, US6558304 BA, US6485703 BA, US6478721 BA, US6383220 BA, US6379393 BA, US6354945 BA, US633442, US6277057 BA, US6270445 BA, US6246200 BA, US6064912 A, US60633442, US60633428, US60633428, US6061004 A, US60604615, US60604615, US6057828 A, US60566079, US60566079, US60566078, US60542022, US6051017 A, US6035465 A, US6033465 A, US601633442, US6004244 A, US5980435 A, US5954621 A, US5936304 A, US5919115 A, US5853353 A, US5846086 A, US5836304 A, US5830160 A, US5755645 A, US5690389 A, US5662693 A, US5616404 A, US5616104 A, US5593380 A, US5476428 A, US5476103 A, US5472428 A, US5466213 A, US5454774 A, US542022, US5413611 A, US5411044 A, US5405367 A, US5397865 A, US5391128 A, US5358251 A, US5343856 A, US5324316 A, US5312439 A, US5311880 A, US5282460 A, US5269318 A, US5246636 A, US5244441 A, US5231998 A, US5211161 A, US5201772 A, US5193540 A, US5193539 A, US5179939 A, US5158074 A, US5070873 A, US5048826 A, US4966413 A, US4936299 A, US4921244 A, US4883067 A, US4824104 A, US4776323 A, US4773398 A, US4765610 A, US4764317 A, US4724842 A, US4691694 A, US4685928 A, US4675140 A, US4582049 A, US4554922 A, US4499900 A, US4344438 A, US4306714 A, US4199137 A, US4099697 A, US3929462 A, US3919691 A, US3824991 A, US3745990 A, US2206902 A, US2015141773 AA, US2008161733 AA, US2008132383 AA, US2008071386 AA, US2007299371 AA, US2007299370 AA, US2007282228 AA, US2006293617 AA, US2006277074 AA, US2006229164 AA, US2006167564 AA, US2006149338 AA, US2005261114 AA, US2005239611 AA, US2005209049 AA, US2004267331 AA, US2004245838 AA, US2004180768 AA, US2004172097 AA, US2004106881 AA, US2004102723 AA, US2003208246 AA, US2003208109 AA, US2003199370 AA, US2003199270 AA, US2003032524 AA,

US2003013783 AA, US2002115536 AA, US2002094913 AA, US2002064438 AA, US2002064418 AA, US2002 A, US1247522 A, JPS6171984 A2, JPS6171984, JPS61265151 A2, JPS61265151, JPS61217174 A2, JPS61217174, JPS60200312 A2, JPS60200312, JPS59160455 A2, JPS59160455, JPH02102652, JP9276348 A2, JP9173499 A2, JP9120464 A2, JP8511448 T2, JP8511448, JP8322189 A2, JP7163626 A2, JP6505407 T2, JP6505407, JP61265151 A2, JP61217174 A2, JP61071984 A2, JP60200312 A2, JP59160455 A2, JP5046587 A2, JP5026209 B2, JP5026209 A2, JP5007608 A2, JP4174666 A2, JP3126901, JP3087629 U, JP3087629 A2, JP3081786 U, JP3081786 A2, JP3048540 U, JP3048540, JP3044600 U, JP3044600 A2, JP3039345 U, JP3039345, JP2102652 A2, JP2004174692, JP2004129817 A2, JP2004008751 A2, JP2003339677 A2, JP2003322612 A2, JP2003199799 A2, JP2003190235, JP2003164544 A2, JP2003093451 A2, JP2003070855 A2, JP2002351993, JP2002345907 A2, JP2002263213, JP2002127058 A2, JP2002127058, JP2002126019 A2, JP2002073634 A2, JP2002065891 A2, JP2002035063 A2, JP2002034936 A2, JP2001299842 A2, JP2001204850 A2, JP2001029394 A2, JP2001022488 A2, JP2001000420 A2, JP2000279463 A2, JP2000276138 A2, JP2000112335, JP2000102576 A2, JP2000102523 A2, JP1316815 A2, JP1316815, JP11253504 A2, JP11155836 A2, JP11009574 A2, JP10207624 A2, JP10179660 A2, JP10151223 A2, JP10048540 A2, GB2357848 A1, FR2809615 A1, EP1364636 A1, EP1164636, EP1145682 A2, EP0862930 A1, EP0703752 A1, EP0569489 A1, EP0304538 A2, DE10133572 A1,

0) US2502615A – MACHINE AND METHOD FOR USE IN MAKING RIBBED STR...

9) Family number: 19597834 (US2502615A) © PatBase

Title: MACHINE AND METHOD FOR USE IN MAKING RIBBED STRIPS FOR INSOLES

Priority: US19470761890 19470718

Family:

Publication number	Publication date	Application number	Application date
CH262545 A	19490715		19471111
DE809151 A	19510723	DE1948P003282	19481002
DE809151 C	00000000		00000000
GB642964 A	19500913	GB19470030176	19471113
US2502615 A	19500404	US19470761890	19470718

Probable Assignee: BRITISH UNITED SHOE MACHINERY

Assignee(s):(std)**:** BRITISH UNITED SHOE MACHINERY ; UNITED SHOE MACHINERY CORP

Assignee(s): UNITED SHOE MACHINERY FLEMINGTON NEW JERSEY U BOSTON MASS CORP ; UNITED SHOE MACHINERY FLEMINGTON NEW JERSEY U BOSTON MASS V ST CORP ; BRITISH UNITED SHOE MACHINERY CO LTD

Inventor(s):(std)**:** BERTRAND FREDERIC ELI ; CLARK ALFRED S ; CLARK ALFRED SCHOFIELD ; MACHINERY CORPORATION UNITED S ; MACHINERY UNITED S CORP

Inventor(s): UNITED SHOE MACHINERY CORP ; ALFRED SCHOFIELD CLARK BEVERLY MASS V ST A ; CORPORATION UNITED SHOE MACHINERY ; FREDERIC ELI BERTRAND EAST LYNN MASS

International class (IPC 8–9)**:** A43D43/06 H01L31/18 H05B33/10 H05B33/20 (Advanced/Invention); A43D43/00 H01L31/18 H05B33/10 H05B33/12 (Core/Invention)

International class (IPC 1–7)**:** A43B13/39 A43D43/06

CPC: H05B33/10 A43D43/06 H01L31/18 H05B33/20 Y10T156/101 Y10T156/1011 Y10T156/15

European class: 21G29B2 A43D43/06 H01L31/18 H05B33/10 H05B33/20 Y02E10/50

US class: 12/20 156/201 156/202 156/463 156/467 156/536 156/93

Classification Explorer

Cited documents: US2458500 A, US2430087 A, US2427739 A, US2427240 A, US2381951 A, US2264707 A, US2120120 A, US1856823 A, US1674171 A, US1417651 A, US1088138 A,

0) US4109142A – PROCESS DATA TRACKING SYSTEM

10) Family number: 1180648 (US4109142A) © PatBase

Title: PROCESS DATA TRACKING SYSTEM

Priority: US19740492960 19740729

Family:

Publication number	Publication date	Application number	Application date
AR208709 A1	19770228	AR19750259801	19750729
AT357391 B	19800710	AT19750005828	19750728
AT582875 A	19791115	AT19750005828	19750728
AU197583195 A1	19770120	AU19750083195	19750718
BE831871 A	19760129	BE19750158734	19750729
BE831871 A1	19760129	BE19750158734	19750729
BR7504753 A	19760706	BR19750004753	19750725
CA1066802 A1	19791120	CA19750232409	19750728
DE2533708 A1	19760219	DE19752533708	19750728
FR2280573 A1	19760227	FR19750023588	19750729
FR2280573 B1	19800801	FR19750023588	19750729
GB1516341 A	19780705	GB19750031648	19750729
HU173668 P	19790728	HU1975UE00068	19750728
IN145435 A	19781014	IN1975CA01374	19750715
IT1041416 A	19800110	IT19750068960	19750728
JP51049151 A2	19760428	JP19750091816	19750728
JP59024056 B4	19840606	JP19750091816	19750728
LU73093 A	19760413	LU19750073093	19750729
NL7509045 A	19760202	NL19750009045	19750729
NO148202 B	19830516	NO19750002652	19750728
NO148202 C	19830824	NO19750002652	19750728
NO752652 A	19760130	NO19750002652	19750728
NZ178118 A	19780403	NZ19750178118	19750715
PH13163 A	19800108	PH19750017407	19750724
PL110990 B1	19800830	PL19750182338	19750728
RO76914 B	19850502	RO19750083005	19750729
RO76914 B1	19850502	RO19750083005	19750729
RO76914 P	19850417	RO19750083005	19750729
SE7508513 A	19760130	SE19750008513D	19750725
SE7508513 L	19760130	SE19750008513	19750725
US4109142 A	19780822	US19740492960	19740729
YU194975 A	19830430	YU19750001949	19750729
ZA7504547 A	19760728	ZA19750004547	19750715

Probable Assignee: UNITED STATES STEEL CORP

Assignee(s):(std)**:** UNITED STATES STEEL CORP ; USS ENG AND CONSULT

Assignee(s): USS ENG AND CONSULTANTS INC ; USS ENGINEERS AND CONSULTANTS ; USS ENGINEERS AND CONSULTANTS INC ; USS ENGINEERS AND CONSULTANTS INC TE PITTSBURGH PENNSYLVANIE VER ST V AM ; USX CORP ; USS ENGS AND CONSULTANTS INC ; USS ENGINEERS CONSULTANTS ; YUU ESU ESU ENJINIAAZU ANDO KONSARUTANTSU INC ; USS ENGINEERS AND CONSULTANTS

	INC US ; USS ENGINEERS CONSULTANTST INC ; READAL GERALD J ; TISKUS JOHN R ; TOMCANIN WILLIAM J
Inventor(s):(std)	JERARUDO JOSEFU RIIDARU ; JON RICHAADO TEISUKASU ; READAL G ; READAL G J ; READAL GERALD J ; READAL GERALD JOSEPH ; READAL GERALD JOSEPH PITTSBURG ; RISKUS J R ; TISKUS J ; TISKUS J R ; TISKUS JOHN R ; TISKUS JOHN RICHARD ; TOMACANIN W ; TOMCANIN W ; TOMCANIN W J ; TOMCANIN WILLIAM J ; TOMCANIN WILLIAM JOHN ; UIRIAMU JON TOMUKYANIN
Inventor(s):	RICHARD TISKUS JOHN ; JOSEPH READAL GERALD ; JOHN TOMCANIN WILLIAM
International class (IPC 8–9)**:**	B21C49/00 B21C51/00 B65G49/04 B65H23/18 B65H23/188 B65H26/02 C23C2/20 C23C2/36 G05B11/32 G05B15/02 G05B23/02 G05D3/12 G06F19/00 (Advanced/Invention); B21C49/00 B21C51/00 B65H23/18 B65H23/188 C23C2/36 G05B11/32 G05B15/02 G05B23/02 G05D3/12 G06F19/00 (Advanced/Non–invention); B21C49/00 B21C51/00 B65G49/00 B65H23/18 B65H23/188 B65H26/00 C23C2/14 C23C2/36 G05B11/32 G05B15/02 G05B23/02 G05D3/12 G06F19/00 (Core/Invention)
International class (IPC 1–7)**:**	B05C11/02 B21C31/00 B21C49/00 B21C51/00 B21D39/00 B65H17/00 B65H25/00 B65H25/24 C23B C23C1/00 C23C1/02 C23C1/14 C23C3/00 G05B11/32 G05B15/00 G05B15/02 G05B19/02 G05B23/02 G05B24/02 G05D3/00 G05D3/06 G05D5/00 G06F15/46 G06M3/02 G07C3/10
CPC:	B65G49/0404
European class:	B65G49/04A
US class:	235/92DN 377/24 377/26 377/31
Classification Explorer	
Cited documents:	US3838254 A, US3648029 A, US3584200 A,

0) US3184786A – SHIRRING METHOD

11) Family number: 21588534 (US3184786A) © PatBase

Title:	Shirring method
Priority:	US19600057057 19600919 FR19610873595 19610919 US19630316582 19631016

Family:

Publication number	Publication date	Application number	Application date
DE1295414 B	19690514	DE1961T020792	19610919
FR1308631 A	19621109	FR19610873595	19610919
GB993148 A	19650526	GB19610029938	19610818
US3112517 A	19631203	US19600057057	19600919
US3184786 A	19650525	US19630316582	19631016

Probable Assignee:	TEE PAK INC
Assignee(s):(std)	TEE PAK ; TEE PAK INC
Assignee(s):	BUFPAK CORP ; CONTINENTAL GROUP INC
Inventor(s):(std)	ELIHU IVES CLIFFORD ; IVES CLIFFORD E
International class (IPC 8–9)**:**	A22C13/00 A22C13/02 B62D1/26 (Advanced/Invention); A22C13/00 B62D1/00 (Core/Invention)
International class (IPC 1–7)**:**	A22C13/02
CPC:	A22C13/0013 A22C13/02 B62D1/26
European class:	A22C13/00D A22C13/02 B62D1/26
US class:	452/21 53/581
Classification Explorer	

Cited documents: US3115669 A, US3097393 A, US2983949 A, US2819488 A, US2722715 A, US2722714 A, US2583654 A, US2231954 A, US2010626 A, US2001461 A, DE1062141 A,

0) US2011036741A – EASY OPEN AND RECLOSABLE PACKAGE WITH DISCRETE ...

12) Family number: 48312301 (US2011036741A) © PatBase

Title: EASY OPEN AND RECLOSABLE PACKAGE WITH DISCRETE LAMINATE HAVING PANEL SECTION WITH EASY–OPEN SEALANT

Priority: US20090274255P 20090814 US20100845054 20100728 WO2010US43815 20100730

Family:

Publication number	Publication date	Application number	Application date
AU2010282820 AA	20110217	AU20100282820	20100730
AU2010282820 BB	20150312	AU20100282820	20100730
BR112012003378 A2	20160216	BR20121103378	20100730
CN102548869 A	20120704	CN201080046407	20100730
CN102548869 B	20140312	CN201080046407	20100730
EP2464582 A1	20120620	EP20100742646	20100730
JP2013501689 T2	20130117	JP20120524732T	20100730
JP5462363 B2	20140402	JP20120524732T	20100730
KR20120099377 A	20120910	KR20127006605	20100730
MX2012001888 A1	20120411	MX20120001888	20100730
NZ597937 A	20140328	NZ20100597937	20100730
RU2012108936 A	20130920	RU20120108936	20100730
US2011036741 AA	20110217	US20100845054	20100728
US8622618 BB	20140107	US20100845054	20100728
WO11019520 A1	20110217	WO2010US43815	20100730

Probable Assignee: CRYOVAC INC

Assignee(s):(std)**:** CRYOVAC INC ; MOEHLENBROCK ANDREW W

Inventor(s):(std)**:** MOEHLENBROCK ANDREW W

Inventor(s): ANDREW W MOEHLENBROCK

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31B1/00 B31B1/62 B31B19/90 B31B23/00 B65B19/14 B65B43/04 B65B43/46 B65B61/18 B65B9/02 B65B9/067 B65B9/08 B65B9/087 B65B9/20 B65B9/207 B65B9/213 B65D33/16 B65D33/20 B65D77/20 B65D85/00 (Advanced/Invention)

CPC: B31B70/14 B31B70/8123 B31B2155/00 B65D33/16 B65B9/067 B65B9/213 B65B43/04 B65B43/465 B65B61/18 B31B70/81 B31B2160/10

European class: B65B43/04 B65B43/46B B65B61/18 B65B9/067 B65B9/213 B65D33/16 L31B219/14 L31B219/90 L31B219/90B3 L31B237/10

US class: 206/484 383/203 493/264 493/264S

Classification Explorer

Cited documents: WO9640504 A1, WO09137588 A1, WO08030924 A2, WO08022308 A2, WO07073895 A1, WO02066341 A1, WO0002782 A2, USD597857 S1, USD447054 S1, US7681732 BB, US7527839 BB, US7422782 BB, US7406810 BB, US7395642 BB, US7322473 BB, US7314312 BB, US7305805 BB, US7217033 BB, US7216764 BB, US7073309 BB, US7055683 BB, US7041042 BB, US6925779 BB, US6865860 BB, US6793077 BA,

US6688078 BB, US6662843 BA, US6659645 BA, US6589622 BA, US6502986 BA, US6476137 BA, US6461044 BA, US6395321 BA, US6293073 BA, US6131248 A, US6106153 A, US6056153 A, US6056141 A, US6048100 A, US5882789 A, US5882749 A, US5855435 A, US5855434 A, US5836697 A, US5564834 A, US5476323 A, US5346301 A, US5167455 A, US5128414 A, US5077001 A, US5044776 A, US5044772 A, US4946038 A, US4944409 A, US4934535 A, US4902142 A, US4808010 A, US4786190 A, US4785940 A, US4768411 A, US4709399 A, US4656818 A, US4615926 A, US4589247 A, US4318506 A, US4252846 A, US4189519 A, US4156493 A, US4058632 A, US3942713 A, US3655503 A, US3613874 A, US3595468 A, US3259303 A, US2719663 A, US2011038569 AA, US2010327046 AA, US2010290719 AA, US2010278454 AA, US2010209551 AA, US2010113239 AA, US2010111453 AA, US2009311454 AA, US2009304874 AA, US2009279813 AA, US2009257686 AA, US2009226117 AA, US2009202183 AA, US2009178945 AA, US2009152139 AA, US2009148081 AA, US2009127281 AA, US2009053372 AA, US2008260305 AA, US2008138478 AA, US2008131035 AA, US2008105572 AA, US2007141287 AA, US2007140599 AA, US2007114144 AA, US2007104398 AA, US2007104395 AA, US2006257611 AA, US2006251342 AA, US2006251341 AA, US2006246184 AA, US2006141196 AA, US2006093765 AA, US2006083446 AA, US2006062496 AA, US2005025395 AA, US2004179753 AA, US2004013322 AA, US2003152669 AA, JP62013837 U1, JP62013837 U, JP62013837 U, JP56138055 U1, JP56138055 U, JP56138055 U, JP3133605 U, JP3133605 U, JP2008230666 A2, JP2008/230666, JP2007246137 A2, JP2007/246137, JP2006224984 A2, JP2006199343 A2, JP2006199343, JP2006/224984, JP2004509813 T2, JP2004509813, IT1319964 B1, GB2438393 A1, EP2108596 A1, EP2108507 A1, EP1930252 A1, EP1908696 A1, EP1842785 A1, EP1714894 B1, EP1676785 A1, EP1584562 A1, EP1254846 A1, EP0179624 A2, CN1478035 A,

0) US5399174A – PATTERNED EMBOSSED NONWOVEN FABRIC, CLOTH–LIKE ...

13) Family number: 9482147 (US5399174A) © PatBase

Title: PATTERNED EMBOSSED NONWOVEN FABRIC, CLOTH–LIKE LIQUID BARRIER MATERIAL

Priority:

CA19932099843	19930705	CA19962169501	19960214	US19930043335	19930406
WO1994US03797	19940406	US19950388770	19950215		

Family:

Publication number	Publication date	Application number	Application date
AU199471365 A1	19941024	AU19940071365	19940406
AU673450 B2	19961107	AU19940071365	19940406
BRPI9406751 A	19960227	BR1994PI06751	19940406
CA2099843 AA	19941007	CA19932099843	19930705
CA2169501 AA	19960816	CA19962169501	19960214
DE69419413 D1	19990812	DE19946019413	19940406
DE69419413 T2	20000302	DE19946019413T	19940406
EP0698138 A1	19960228	EP19940920653	19940406
EP0698138 B1	19990707	EP19940920653	19940406
ES2133165 T3	19990901	ES19940920653T	19940406
FR2704243 A1	19941028	FR19940003753	19940330
FR2704243 B1	19951027	FR19940003753	19940330
JP8508553 T2	19960910	JP19940522490T	19940406
KR100300542 B1	20011022	KR19950704325	19951005
KR19960702027 A	19960328	KR19950704325	19951005
KR19967002027 A	19960328	KR19957004325	19940406
TH16734 A	19951019	TH19941000454	19940311
TW330599 Y	19980421	TW19950215527U	19940310
US5399174 A	19950321	US19930043335	19930406

US5599420 A	19970204	US19950388770	19950215
WO9423107 A2	19941013	WO1994US03797	19940406
WO9423107 A3	19941110	WO1994US03797	19940406
ZA9401609 A	19941012	ZA19940001609	19940308

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK CORPORATIONUS ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS US ; POWERS JENNIFER RAY ; UITENBROEK DUANE GIRARD ; YEO RICHARD SWEE CHYE ; KIMBERLEY CLARK CORP

Inventor(s):(std)**:** CHYE YEO RICHARD SWEE ; GIRARD UITENBROEK DUANE ; POWERS JENNIFER ; POWERS JENNIFER R ; POWERS JENNIFER RAY ; UITENBROEK DUANE ; UITENBROEK DUANE G ; UITENBROEK DUANE GIRARD ; YEO RICHARD ; YEO RICHARD S ; YEO RICHARD SWEE CHYE ; RAY POWERS JENNIFER

Inventor(s): RICHARD SWEE CHYE YEO ; YEO RICHARD SWEE CHYE DUNWOODY GA 30338 US ; UITENBROEK DUANE GIRARD LITTLE CHUTE WI 54140 US ; POWERS JENNIFER RAY WOODSTOCK GA 30188 US ; JENNIFER RAY POWERS ; DUANE GIRARD UITENBROEK

Designated states: AT AU BE BR CH CN DE DK ES FR GB GR IE IT JP KR LU MC NL PT SE

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/51 A61F13/514 B29C59/04 B32B5/26 D04H1/00 D04H1/54 D04H1/60 D04H13/00 D04H3/02 D04H3/12 (Advanced/Invention); A61F13/15 B29C59/04 D04H1/54 (Advanced/Non–invention); A61F13/15 B29C59/04 B32B5/22 D04H1/54 D04H1/58 D04H13/00 D04H3/08 (Core/Invention); D04H1/00 (Core/Non–invention)

International class (IPC 1–7): A61F A61F13/15 A61F13/20 A61F13/50 A61F13/54 A61L15/00 B29C59/04 B32B B32B27/12 B32B31/08 B32B31/20 B32B5/26 D04H D04H1/00 D04H1/54 D04H1/60 D04H13/00 D04H3/00 D04H3/02 D04H3/12 D04H3/16 D06N7/00

CPC: Y10T156/1041 D04H3/12 D04H3/018 D04H3/147 D04H3/14

European class: D04H1/54B D04H1/60 D04H13/00B5

US class: 156/167 156/220 156/290 156/308.2 156/309.9 604/365 604/366 604/370 604/378 604/384

Classification Explorer

Cited documents: US5405682 A, US5382400 A, US5318553 A, US5231122 A, US5229191 A, US5143779 A, US5143774 A, US5137600 A, US5115544 A, US4883707 A, US4874666 A, US4812284 A, US4787947 A, US4774124 A, US4756786 A, US4753840 A, US4741941 A, US4725473 A, US4684570 A, US4681801 A, US4595629 A, US4592943 A, US4555811 A, US4548856 A, US4500384 A, US4493868 A, US4488928 A, US4306929 A, US4103058 A, US4068036 A, US4042740 A, US4041203 A, US4035219 A, US3765997 A, JP60167958, GB33457, GB2127864 A1, GB1073181 A, EP0586937 A1, EP0586924 A1, EP0492554 A1, EP0342646 A2,

0) US2013209004A – EASY OPEN AND RECLOSABLE PACKAGE WITH PANEL SEC...

14) Family number: 54552503 (US2013209004A)

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Title: EASY OPEN AND RECLOSABLE PACKAGE WITH PANEL SECTION WITH DIE–CUT, AND RECLOSURE MECHANISM

Priority: EP20130706141 20130213 US20120438366 20120403 US20120598007P 20120213 WO2013US25805 20130213

Family:

Publication number	Publication date	Application number	Application date
AU2013221766 AA	20130822	AU20130221766	20130213
AU2013221766 BB	20170202	AU20130221766	20130213
DE602013005023 D1	20160324	DE201360005023T	20130213
EP2814750 A1	20141224	EP20130706141	20130213
EP2814750 B1	20160210	EP20130706141	20130213
ES2564282 T3	20160321	ES20130706141T	20130213
NZ629356 A	20160930	NZ20130629356	20130213
US2013209004 AA	20130815	US20120438366	20120403
US9260214 BB	20160216	US20120438366	20120403
WO13122970 A1	20130822	WO2013US25805	20130213

Probable Assignee: CRYOVAC INC

Assignee(s):(std)**:** AUSTIN BILLY W ; CONNER HOWARD DEAN ; COOK HUBERT J ; CRYOVAC INC ; MOEHLENBROCK ANDREW W ; OWENSBY JOSEPH E

Assignee(s): CRYOVAC INC DUNCAN

Inventor(s):(std)**:** AUSTIN BILLY W ; CONNER HOWARD DEAN ; COOK HUBERT J ; MOEHLENBROCK ANDREW W ; OWENSBY JOSEPH E

Inventor(s): OWENSBY JOSEPH E SPARTANBURG ; MOEHLENBROCK ANDREW W SIMPSONVILLE ; COOK HUBERT J SIMPSONVILLE ; CONNER HOWARD DEAN MAULDIN ; AUSTIN BILLY W DUNCAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65B3/02 B65B5/02 B65B61/18 B65B9/06 B65B9/20 B65D33/00 B65D33/16 B65D33/20 B65D33/22 B65D33/24 B65D33/25 B65D43/04 B65D77/20 B65D77/30 (Advanced/Invention); B65D6/22 (Advanced/Non–invention)

CPC: B65B61/188 B65B5/022 B65B9/20 B65D33/20 B65D33/22 B65D33/24 B65D2101/0023 B65D9/20

US class: 1/1 383/203 53/452

Classification Explorer

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0) US2001032399A – ATHLETIC SHOE CONSTRUCTION

15) Family number: 30019013 (US2001032399A)

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Title: ATHLETIC SHOE CONSTRUCTION

Priority:

CA19902026782	19900208	IT19860022853U	19860829	US19870089749	19870827
US19900576147	19900830	US19910748079	19910821	US19900588828	19900927
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US19990409747	19991001	US19970879255	19970619	US19950565235	19951130
US19930161610	19931206	US19930109995	19930823	US19960632800	19960417
US19950370189	19950109	US19950434755	19950504	US19930162961	19931208
US19920857493	19920325	US19940208787	19940311	US19920828443	19920131
WO1990US00753	19900208	US20010833565	20010413	WO1992US10338	19921130
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Family:

Publication number	Publication date	Application number	Application date
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CA2084080 C	20000111	CA19912084080	19910523
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CA2107091 C	20030805	CA19922107091	19920817
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DE69130980 T2	19991111	DE19916030980T	19910523
DE69233009 D1	20030522	DE19926033009	19920817
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WO9004323 A3	19900628	WO1990US00753	19900208	
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WO9314659 A1	19930805	WO1992US10338	19921130	

Probable Assignee: REEBOK INT LTD

Assignee(s):(std)**:** ELLESSE INT SPA ; REEBOK INT LTD ; REEBOK INT LTD N D GES D ; REEBOK INTERNAT LTD N D GES D ; REEBOK INTERNATIONAL LIMITED ; REEBOK INTERNATIONAL LTD ; SCALZI THERESA S ; SMITH STEVEN F

Assignee(s): RIIBOTSUKU INTERN LTD ; SERVADIO LEONARDO ; REEBOK INTERNATIONAL LTD STOUGHTON MASS US ; REEBOK INTERNATIONAL LTD STOUGHTON ; REEBOK INT LTD N D GES D STAATES MASSAC ; LITCHFIELD PAUL E ; MONTROSS MATTHEW ; MARVIN WILLIAM ; MONAHAN ROBERT ; MOUNT LAURA K ; REEBOK INTERNATIONAL LTD N D GES D STAATES MASSACHUSETTS STOUGHTON ; LACORAZZA DAVID ; LEGASSIE CHARLES P ; REEBOK INT LTD NDGESD STAATES MASSACHUSETTS STOUGHTON ; REEBOK INT ; COHEN ERIC D ; DE CASTRO JOSE TADEO ; ELLESSE INTERNATIONAL S P A ; FELLER CRAIG ; FOLEY PETER M ; JONES ANDREW R ; JONES MERRICK W

Inventor(s):(std)**:** BURRIS STEVEN ; BURRIS STEVEN J ; CASTRO JOSE TADEO DE ; COHEN ERIC D ; DE CASTRO JOSE T ; DE CASTRO JOSE TADEO ; DE KASUTORO HOSE TADEO ; FELLER CRAIG ; FOLEY PETER M ; IGOE BRIAN ; IGOE BRIAN F ; JONES ANDREW R ; JONES MERRICK W ; LACORAZZA DAVID ; LACORAZZA DAVID J ; LEGASSIE CHARLES P ; LIGGETT STEVEN P ; LITCHFIELD PAUL ; LITCHFIELD PAUL E ; MARVIN WILLIAM ; MONAHAN ROBERT ; MONTROSS MATTHEW ; MOUNT LAURA K ; PHILLIPS MATTHEW L ; SCALZI THERESA S ; SERVADIO LEONARDO ; SMITH STEVEN F ; LEONARDO SERVADIO ; ERIC D COHEN ; ANDREW R JONES ; STEVEN F SMITH ; SMITH STEVEN ; PETER M FOLEY ; JONES ANDREW ; DE CASTRO JOSE ; STEVEN J BURRIS ; PAUL E LITCHFIELD ; MATTHEW L PHILLIPS ; LITCHFIELD E ; LEGASSIE P ; JOSE TADEO DE CASTRO ; FOLEY M ; DAVID LACORAZZA ; DAVID J LACORAZZA ; CHARLES P LEGASSIE ; COHEN ERIC

Inventor(s): BRIAN F IGOE ; COHEN ERIC D BELMONT MA 02178 US ; DE CASTRO JOSE TADEO BROOKLINE MA 02146 US ; LITCHFIELD PAUL E WORCESTER MA 01604 US ; JONES ANDREW R ROSLINDALE MA 02131 US ; SMITH STEVEN F TAUNTON MA 02780 US ; STEVEN P LIGGETT ; KOEN ERITSUKU DEII ; JOONZU ANDORYUU AARU ; SUMISU SUTEIIUN EFU ; RITSUCHIFUIIRUDO HOORU II

Designated states: AT AU BE CA CH DE DK ES FR GB GR IE IT JP KR LI LU MC NL PT SE UA

International class (IPC 8–9): A43B13/14 A43B13/20 A43B17/03 A43B23/02 A43B23/26 A43B5/00 A43B5/04 A43B7/06 A43B7/14 A43B7/32 A43D21/00 (Advanced/Invention); A43B23/02 A43B5/00 A43B7/14 A43D21/00 (Advanced/Non–invention); A43B13/18 A43B17/00 A43B23/00 A43B23/02 A43B5/00 A43B5/04 A43B7/14 A43D21/00 (Core/Invention)

International class (IPC 1–7): A43B10/00 A43B13/00 A43B13/04 A43B13/12 A43B13/14 A43B13/18 A43B13/20 A43B13/24 A43B17/03 A43B23/00 A43B23/02 A43B23/26 A43B5/00 A43B5/04 A43B7/00

A43B7/06 A43B7/14 A43B7/20 A43B7/32

CPC: A43B23/026 A43B23/029 A43B23/0255 A43B3/0005 A43B7/142 A43B1/0072 A43B5/00 A43B7/14 A43B13/14 A43B13/203 A43B23/0235 A43B23/025 A43B23/0295 A43B17/035 A43B5/0407 A43B23/26

European class: A43B1/00T A43B13/14 A43B13/20P A43B17/03P A43B23/02 A43B23/02C20 A43B23/26 A43B3/00E A43B5/00 A43B5/04B2 A43B7/14 A43B7/14A20A

US class: 36/103 36/114 36/114S 36/129 36/129S 36/148 36/25.00R 36/25R 36/28 36/29 36/29S 36/30R 36/31 36/3A 36/45 36/45S 36/71 36/88 36/88P 36/91 36/93 383/100 383/103

Classification Explorer

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0) US5388746A – SEPARATOR/FOLDER BAG MACHINE

16) Family number: 3534063 (US5388746A) © PatBase

Title: SEPARATOR/FOLDER BAG MACHINE

Priority:

AU19910086972	19911101	CA19912054918	19911104	US19900613436	19901109
FR19920005793	19920513	GB19910023642	19911107	FR19920005795	19920513
US19910770811	19911004				

Family:

Publication number	Publication date	Application number	Application date
AU199186972 A1	19920514	AU19910086972	19911101
AU199459160 A1	19940609	AU19940059160	19940329
AU199459162 A1	19940609	AU19940059162	19940329
AU657281 B2	19950309	AU19910086972	19911101
AU669779 B2	19960620	AU19940059162	19940329
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BE1005517 AF	19930831	BE19910001030	19911108
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US5388746 A	19950214	US19910770811	19911004

Probable Assignee: HUDSON SHARP MACHINE CO

Assignee(s):(std)**:** FMC CORP

Assignee(s): FMC CORP CHICAGO ILL US ; FMC PATENT TRADEMARK AND LICENSING DEPARTMENT CORP ; HATCHELL PETER J ; NATIONSBANK NA ; NATIONSBANK EUROPE LTD ; HUDSON SHARP MACHINE CO ; HUDSON SHARO MACHINE CO ; TESKE ERNEST H ; LOTTO RONALD L ; BANK ONE NA ; BAUKNECHT DONALD J ; F M C CORP

Inventor(s):(std)**:** AANESUTO ETSUCHI TESUKE ; BAUKENECHT DONALD ; BAUKENECHT DONALD J ; BAUKNECHT DONALD J ; DONARUDO JIEI BOOKUNETSUKU ; HATCHELL PETER ; HATCHELL PETER J ; LOTTO RONALD ; LOTTO RONALD L ; PIITAA HATSUCHIERU ; RONARUDO ERU ROTSUTO ; TASKE ERNEST ; TESKE ERNEST H

Inventor(s):	RONALD L LOTTO ; LOTTO RONALD L BONDUEL WIS US ; PETER HATCHELL ; PETER J HATCHELL ; HATCHELL PETER J NEW FRANKEN WIS US ; ERNEST H TESKE ; BAUKNECHT DONALD J GREEN BAY WIS US ; DONALD J BAUKNECHT
International class (IPC 8–9):	B31B1/26 B31B1/98 B31B21/26 B65H29/12 B65H29/68 B65H35/10 B65H45/00 B65H45/14 B65H45/16 B65H45/18 B65H5/02 (Advanced/Invention) ; B31B21/00 B65H35/00 B65H45/12 B65H45/16 (Core/Invention) ; B65D (Subclass/Invention)
International class (IPC 1–7):	B26F3/02 B31B1/14 B31B1/26 B31B1/74 B31B1/98 B31B21/26 B31B21/94 B31B23/14 B31B23/26 B31B27/92 B31B27/98 B65B43/10 B65H29/00 B65H29/12 B65H29/14 B65H29/68 B65H31/02 B65H31/24 B65H31/28 B65H31/30 B65H31/32 B65H35/04 B65H35/10 B65H37/06 B65H37/06 B65H45/00 B65H45/12 B65H45/16 B65H5/02
CPC:	B65H5/023 B65H5/025 B65H45/14 B65H2403/21 B65H2404/2611 B65H29/12 B65H2701/191 B65H29/68 Y10T225/16 Y10T225/35 B65H45/18 B65H35/10 B65H2404/261 B65H2513/108
European class:	B65H29/12 B65H29/68 B65H35/10 B65H45/14 B65H45/16 B65H45/18 B65H5/02B2 B65H5/02B4 L65H223/54 L65H403/21 L65H404/261 L65H404/2611 L65H513/108 L65H533/108 L65H701/1910
US class:	11/225.1 225/100 225/4 493/234
Classification Explorer	
Cited documents:	US4730762 A, US4688708 A, US4642084 A, US4529114 A, US4380446 A, US4284221 A, US3973770 A, US3947021 A, US3799418 A, US3730411 A, US3509799 A, US2268190 A, NL7211898 A, JP6372529, JP63072529 A2, JP61111266, GB326739 A, GB2161458 A1, GB2137597 A1, GB2023063 A1, ES8403058 A1, EP0376932 A2, EP0376754 A2, EP0346838 A1, EP0134714 A2, EP0095965 A1, DE2627958 A1, DE2144991 A1, AU604460 B3, AU4513779 A1, AU2912589 A1,

0) US5873598A – AIR BAG DEVICE

17) Family number: 29224186 (US5873598A) © PatBase

Title: AIR BAG DEVICE

Priority:

GB19970018149	19970827	JP19960225067	19960827	JP19970002775	19970110
US19980152655	19980914	US19980152858	19980914	US19970909720	19970812
JP19970027875	19970212				

Family:

Publication number	Publication date	Application number	Application date
AU199735263 A1	19980305	AU19970035263	19970825
AU717613 B2	20000330	AU19970035263	19970825
DE19736243 A1	19980305	DE19971036243	19970820
DE19736243 B4	20081030	DE19971036243	19970820
GB2317147 A1	19980318	GB19970018149	19970827
GB2317147 B2	19990519	GB19970018149	19970827
GB2328187 A1	19990217	GB19980020433	19970827
GB2328187 B2	19990519	GB19980020433	19970827
GB2328410 A1	19990224	GB19980020437	19970827
GB2328410 B2	19990519	GB19980020437	19970827
GB9718149 A0	19971029	GB19970018149	19970827
GB9820433 A0	19981111	GB19980020433	19970827
GB9820437 A0	19981111	GB19980020437	19970827
JP10059113 A2	19980303	JP19960225067	19960827
JP10194065 A2	19980728	JP19970002775	19970110
JP10226297 A2	19980825	JP19970027875	19970212

JP2926320 B2	19990728	JP19960225067	19960827
JP2973294 B2	19991108	JP19970002775	19970110
JP3028208 B2	20000404	JP19970027875	19970212
US5873598 A	19990223	US19970909720	19970812
US5944344 A	19990831	US19980152655	19980914
US6029996 A	20000229	US19980152858	19980914

Probable Assignee: TOYODA GOSEI CO LTD

Assignee(s):(std)**:** TOYO TIRE AND RUBBER CO ; TOYODA GOSEI KK

Assignee(s): TOYO GOMU KOGYO KK ; TOYO TIRE AND RUBBER CO LTD ; TOYO TIRE AND RUBBER CO LTD OSAKA JP ; TOYODA GOSEI CO LTD

Inventor(s):(std)**:** MIHARA YOSHINORI ; OZAKI TORU ; YOSHIOKA KAZUHIKO ; BITO KAZUAKI

Inventor(s): KAZUAKI BITO ; KAZUHIKO YOSHIOKA ; YOSHIOKA KAZUHIKO OSAKA JP ; OZAKI TORU OSAKA JP ; MIHARA YOSHINORI OSAKA JP ; BITO KAZUAKI OSAKA JP ; OZAKI TOORU ; TORU OZAKI ; YOSHINORI MIHARA

International class (IPC 8–9)**:** B60R21/16 B60R21/20 B60R21/205 B60R21/217 B60R21/237 B60R21/26 B60R21/261 (Advanced/Invention); B60R21/16 B60R21/237 (Advanced/Non–invention); B60R21/16 B60R21/20 B60R21/26 (Core/Invention)

International class (IPC 1–7)**:** B60R21/05 B60R21/16 B60R21/20 B60R21/22 B60R21/26 B60R21/28

CPC: B60R21/2171 B60R21/237 B60R21/26 B60R21/261

European class: B60R21/20D2 B60R21/217D B60R21/26 B60R21/261 L60R21/217D L60R21/237

US class: 280/732 280/740 280/742 280/743.1

Classification Explorer

Cited documents: WO9625309 A1, WO96025309, US5806879 A, US5775729 A, US5752715 A, US5636861 A, US5636816 A, US5588668 A, US5582418 A, US5538281 A, US5536041 A, US5531477 A, US5509686 A, US5470105 A, US5425551 A, US5411277 A, US5407227 A, US5405164 A, US5398968 A, US5398950 A, US5346231 A, US5342071 A, US5324070 A, US5251934 A, US5096222 A, US5066037 A, US5062664 A, US4332398 A, US4262931 A, US4191392 A, US4178017 A, US3791671 A, US3767225 A, US3602527 A, JP8276810 A2, JP8276810, JP8164813 A2, JP8164813, JP8072656, JP8040165 A2, JP8040165, JP8011664 A2, JP8011664, JP7329689 A2, JP7223504 A2, JP7090744 B2, JP6321048, JP6227353 A2, JP6227353, JP6127320 A2, JP53020242 A2, JP5124481 A2, JP3032956 A2, JP3019051 A2, JP2303952 A2, GB2320470 A1, GB2271966 A1, GB1364415 A, GB1362446 A, GB1219619 A, EP0694446 A2,

0) US3055496A – UNIFIED PAPER SHEET, PROCESS OF MAKING, AND PRE...

18) Family number: 26367043 (US3055496A)

© PatBase

Title: UNIFIED PAPER SHEET, PROCESS OF MAKING, AND PRESSURE–SENSITIVE ADHESIVE TAPE MADE THEREFROM

Priority:

CH19590076520	19590803	DE1958D028510	19580712	DE1962J022522	19621019
DE1962J022536	19621023	US19560624144	19561123	FR19590799679	19590708
US19610107752	19610504				

Family:

Publication number	Publication date	Application number	Application date
BE630279 A	00000000		00000000
CH392241 A	19650515	CH19590076520	19590803
DE1160293 B	19631227	DE1958D028510	19580712
DE1546378 A1	19690612	DE19621546378	19621023
DE1560837 A1	19690724	DE19621560837	19621019
FR1233747 A	19601012	FR19590799679	19590708
GB1012441 A	19651208	GB19620017088	19620503
GB869231 A	19610531	GB19570036533	19571122
NL131830 C	00000000		00000000
NL144691 B	19750115	NL19620278075	19620504
NL240641 A	00000000		00000000
NL278075 A	00000000		00000000
US3055496 A	19620925	US19610107752	19610504

Probable Assignee: JOHNSON AND JOHNSON

Assignee(s):(std)**:** ISAAC RICHARD DUNLAP ; ISSAC RICHARD DUNLAP ; JOHNSON AND JOHNSON ; JOHNSON AND JOHNSON NEW BRUNSWICK NEW JERSEY VER S

Assignee(s): JOHNSON AND JOHNSON NEW BRUNSWICK NEW JERSEY VER ST V AM

Inventor(s):(std)**:** DUNLAP ISAAC R ; DUNLAP ISAAC RICHARD ; RICHARD DUNLAP ISAAC ; ISAAC RICHARD DUNLAP

International class (IPC 8–9)**:** B24D11/02 B31F1/16 B31F5/06 C09J7/04 D06N3/00 D06N3/04 D21G1/00 D21H17/20 D21H17/33 D21H25/06 (Advanced/Invention); B24D11/02 B31F1/00 B31F5/00 C09J7/04 D06N3/00 D21G1/00 D21H17/00 D21H25/00 (Core/Invention)

International class (IPC 1–7)**:** B24D11/02 B31F1/16 B31F5/06 C09J7/04 D06N3/00 D21H3/36 D21H5/00 D21H5/22 D21H5/24

CPC: D06N3/00 D06N3/04 D21G1/00 D21H5/24 Y10S428/902 Y10S428/904 Y10S428/906 C09J7/04 C09J7/048 C09J2400/283 D06N3/0015 D06N3/042 D21G1/0093 D21H5/245 D21H17/20 D21H17/33 D21H25/005 D21H25/06 Y10T428/24455 Y10T428/28 Y10T428/249926 Y10T428/31982

European class: C09J7/04 C09J7/04K D06N3/00B8 D06N3/04B D21G1/00R8 D21H17/20 D21H17/33 D21H25/00B D21H25/06 D21H5/24B M09J400/28S

US class: 118/257 162/112 162/140 162/168.1 162/168.2 162/168.3 162/168.7 162/206 26/18.6 28/103 427/179 427/208.8 427/366 428/153 428/292.7 428/343 428/535 428/902 428/904 428/906

Classification Explorer

Cited documents: US2848355 A, US2768092 A, US2728687 A, US2726967 A, US2666699 A, US2633430 A, US2624245 A, US2450083 A, US2415901 A, US2410078 A, US2021975 A, GB643413 A, DE1031627 B, DE1003564 A, CH246998 A,

0) US5575874A – METHOD FOR MAKING SHAPED NONWOVEN FABRIC

19) Family number: 8473052 (US5575874A)

© PatBase

Title: METHOD FOR MAKING SHAPED NONWOVEN FABRIC

Priority: CA19932105026 19930827 US19930055449 19930429 US19950447340 19950522 WO1994US04312 19940419 US19950435239 19950505

Family:

Publication number	Publication date	Application number	Application date
AU199467084 A1	19941121	AU19940067084	19940419
AU6708494 A1	19941121	AU19940067084D	19940419
AU690115 B2	19980423	AU19940067084	19940419
CA2105026 AA	19941030	CA19932105026	19930827
CA2105026 C	20031216	CA19932105026	19930827
CN1059939 C	20001227	CN19941091956	19940419
CN1122150 A	19960508	CN19941091956	19940419
DE69417025 D1	19990415	DE19946017025	19940419
DE69417025 T2	19990701	DE19946017025T	19940419
EP0696333 A1	19960214	EP19940914843	19940419
EP0696333 B1	19990310	EP19940914843	19940419
ES2131194 T3	19990716	ES19940914843T	19940419
FR2704564 A1	19941104	FR19940005082	19940427
FR2704564 B1	19970221	FR19940005082	19940427
JP3416701 B2	20030616	JP19940524363T	19940419
JP8509786 T2	19961015	JP19940524363T	19940419
KR100322360 B1	20020620	KR19950704742	19951028
KR19960702028 A	19960328	KR19950704742	19951028
KR19967002028 A	19960328	KR19957004742	19940419
TW252950 B	19950801	TW19940103409	19940418
US5575874 A	19961119	US19950435239	19950505
US5643653 A	19970701	US19950447340	19950522
WO9425658 A1	19941110	WO1994US04312	19940419

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORPUS ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS US ; SASSE PHILIP ANTHONY ; SAWYER LAWRENCE HOWELL ; SHANE RICHARD MACFERRAN ; PIKE RICHARD DANIEL ; LEVY RUTH LISA ; GRIESBACH HENRY LOUIS III ; GWALTNEY SHARON WATKINS ; KIMBERLEY CLARK CORP

Inventor(s):(std)**:** ANTHONY SASSE PHILIP ; DANIEL PIKE RICHARD ; GRIESBACH HENRY ; GRIESBACH HENRY LOUIS III ; GRIESBACH III HENRY LOUIS ; GWALTNEY SHARON ; HOWELL SAWYER LAWRENCE ; LEVY RUTH ; LISA LEVY RUTH ; LOUIS GRIESBACH III HENRY ; MACFERRAN SHANE RICHARD ; PHILIP ANTHONY SASSE ; PIKE RICHARD ; RICHARD MACFERRAN SHANE ; SASSE PHILIP ; WATKINS GWALTNEY SHARON ; SHANE RICHARD MACFERRAN ; SHANE RICHARD M ; SAWYER LAWRENCE HOWELL ; SAWYER LAWRENCE H ; SASSE PHILIP ANTHONY ; SASSE PHILIP A ; PIKE RICHARD DANIEL ; PIKE RICHARD D ; LEVY RUTH LISA ; LEVY RUTH L ; SAWYER LAWRENCE ; SHANE RICHARD ; GWALTNEY SHARON WATKINS ; GWALTNEY SHARON W ; GRIESBACH III HENRY L ; GRIESBACH HENRY LOUIS ; GRIESBACH HENRY L III

Inventor(s): SHANE RICHARD MACFERRAN DULUTH GA 30136 US ; SHARON WATKINS GWALTNEY ; SAWYER LAWRENCE HOWELL ROSWELL GA 30075 US ; HENRY LOUIS III GRIESBACH ; SASSE PHILIP ANTHONY ALPHARETTA GA 30202 US ; RUTH LISA LEVY ; PIKE RICHARD DANIEL NORCROSS GA 30092 US ; RICHARD DANIEL PIKE ; LEVY RUTH LISA SUGAR HILL GA 30518 US ; LAWRENCE HOWELL SAWYER ; GWALTNEY SHARON WATKINS WOODSTOCK GA 30188 US ; HENRY LOUIS GRIESBACH ; HENRY LOUIS GRIESBACH III ; GRIESBACH HENRY LOUIS III N E ATLANTA GA 30305 US ; GRIESBACH HENRY LOUIS III NE ATLANTA GA 30305 US ; GRIESBACH HENRY L

Designated states: AT AU BE BR CH CN CY DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL PT SE

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/49 A61F13/511 D04H1/54 D04H1/58 D04H1/60 D04H3/02 D04H3/12 D04H3/16 G02F1/1335 (Advanced/Invention); A61F13/00 A61F13/15 D04H1/54 D04H3/02 (Advanced/Non–invention); G02F1/13 (Core/Invention); A61F13/15 B32B5/22 D04H3/00 (Core/Non–invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/49 A61F13/511 A61F13/54 B32B1/10 B32B3/30 D04H1/54 D04H1/58 D04H1/60 D04H13/00 D04H3/02 D04H3/12 D04H3/14 D04H3/16 D04H5/06

CPC: Y10T428/24182 Y10T428/24273 Y10T428/24322 Y10T428/24479 Y10T428/24612 A61F13/15658 A61F13/512 D04H1/54 D04H1/60 D04H3/16 Y10T442/625 D04H3/07 A61F13/51104

European class: A61F13/15M3G A61F13/512 D04H1/54 D04H1/60 D04H3/16

US class: 156/167 156/181 156/283 156/296 19/301 264/518 428/120 428/131 428/137 428/156 428/172 442/350 604/358 604/366 604/370 604/372

Classification Explorer

Cited documents: WO9315251 A1, WO9216364 A1, WO8805838 A1, USRE31599 E, US5242632 A, US5180620 A, US5143779 A, US5098764 A, US5057361 A, US4997611 A, US4883707 A, US4784892 A, US4756786 A, US4741941 A, US4684570 A, US4681801 A, US4595629 A, US4592943 A, US4588630 A, US4555811 A, US4488928 A, US4425126 A, US4340563 A, US4280860 A, US4189338 A, US4118531 A, US4103058 A, US4100324 A, US4042740 A, US4041203 A, US3909009 A, US3837988 A, US3802817 A, US3769659 A, US3750236 A, US3715251 A, US3704198 A, US3692618 A, US3686049 A, US3676242 A, US3595731 A, US3595245 A, US3542615 A, US3502763 A, US3502538 A, US3423266 A, US3341394 A, US3338992 A, US3330009 A, US2986780 A, US2940133 A, US2671496 A, GB1217892 A, GB1089414 A, EP0565392 B1, EP0565392 A1, EP0168225 A2, EP0138549 A2, CA803714 A,

0) US4447280A – LABELLING MACHINE

20) Family number: 4345585 (US4447280A) © PatBase

Title: LABELLING MACHINE

Priority: CA19800363170 19801024 US19810313850 19811022

Family:

Publication number	Publication date	Application number	Application date
BR8106886 A	19820713	BR19810006886	19811026
DE3142202 A1	19820902	DE19813142202	19811024
DE3142202 C2	19890914	DE19813142202	19811024
FR2499022 A1	19820806	FR19820002097	19820209
FR2500807 A1	19820903	FR19810019972	19811023
GB2088819 A1	19820616	GB19810032026	19811023
GB2088819 B2	19840516	GB19810032026	19811023
IT1139281 A	19860924	IT19810024667	19811023
IT8124667 A0	19811023	IT19810024667	19811023
JP57104539 A2	19820629	JP19810170636	19811024
MX154169 A	19870529	MX19810189810	19811026
US4447280 A	19840508	US19810313850	19811022
US4561928 A	19851231	US19840569810	19840322

Probable Assignee: SUN CHEMICAL CORP

Assignee(s):(std): MALTHOUSE MARTIN D ; SUN CHEMICAL CORP

Assignee(s): SUN CHEMICAL CORP NEW YORK N Y US ; SAN CHEM CORP

Inventor(s):(std): MALTHOUSE MARTIN D ; MALTHOUSE MARTIN ; MAACHIN MARUSAUSU

Inventor(s):	MARTIN MALTHOUSE ; MARTIN D MALTHOUSE ; MALTHOUSE MARTIN TORONTO ONTARIO CA
International class (IPC 8–9):	B26D1/38 B29C63/40 B65B53/06 B65C3/16 B65C9/18 B65C9/26 (Advanced/Invention); B26D1/01 B29C63/38 B65B53/00 B65C3/00 B65C9/08 B65C9/26 (Core/Invention)
International class (IPC 1–7):	B26D1/38 B26D7/08 B26D7/18 B29C27/20 B65C11/06 B65C3/06 B65C3/12 B65C3/14 B65C3/16 B65C9/00 B65C9/04 B65C9/08 B65C9/18 B65C9/26 B65C9/34 B65H35/08
CPC:	Y10T156/12 Y10T156/1322 Y10T156/1339 Y10T156/1773 B26D1/385 B65B53/06 B65C2009/1861 B65C3/16 B29C63/40 B65C9/1819 Y10T156/1744 Y10T156/1771 Y10T83/21 Y10T83/2107 Y10T83/4847 Y10T83/9399
European class:	B26D1/38B B29C63/40 B65B53/06 B65C3/16 B65C9/18A4B L65C9/18A8G2
US class:	156/497 156/499 156/510 156/517 156/521 156/556 156/567 156/568 156/85 156/86 264/230 264/342R 83/113 83/116 83/349 83/674
Classification Explorer	
Cited documents:	US3959065 A, US3957570 A, US3834963 A, US3717057 A, US3709077 A, US3604584 A, US3567551 A, US3523052 A, US3404059 A, US3367822 A, US2483458 A, US1751562 A, US1651096 A, GB988996 A, GB942562 A, GB659184 A, GB461764 A, GB281772 A, GB262975 A, GB245261 A, GB2065535 A1, GB2052437 A1, GB1567580 A, GB1548429 A, GB1453540 A, GB1331051 A, GB1195787 A, GB1106653 A, EP0018457 A1, DE312040 A, DE2061819 A1,

0) GB191117980A – IMPROVEMENTS IN TENSION APPARATUS FOR PAPER AND...

21) Family number: 36998719 (GB191117980A) © PatBase

Title:	Improvements in Tension Apparatus for Paper and like Rolls.
Priority:	19110808

Family:

Publication number	Publication date	Application number	Application date
GB191117980 A	19120822		00000000

Probable Assignee:	MANDELICK CHARLES EDUARD
Assignee(s):(std):	MANDELICK CHARLES EDUARD ; WILLIAMSON GLENN SYLVESTER
Assignee(s):	CHARLES EDUARD MANDELICK ; GLENN SYLVESTER WILLIAMSON
Inventor(s):(std):	MANDELICK CHARLES EDUARD ; WILLIAMSON GLENN SYLVESTER
Inventor(s):	CHARLES EDUARD MANDELICK ; GLENN SYLVESTER WILLIAMSON
International class (IPC 8–9):	B65H23/18 (Advanced/Invention); B65H23/18 (Core/Invention)
CPC:	B65H23/18
European class:	B65H23/18
Classification Explorer	

0) US3768712A – PROCESS FOR CUTTING SHEET MATERIAL

22) Family number: 983679 (US3768712A) © PatBase

Title: PROCESS FOR CUTTING SHEET MATERIAL

Priority:

FR19670114728	19670719	FR19670115317	19670724	FR19680114728	19680719
FR19680115317	19680724	US19680744876	19680715	US19710125344	19710317

Family:

Publication number	Publication date	Application number	Application date
BE717824 A	19681216		19680709
CH477959 A	19690915	CH19680010185	19680708
DE1782067 A1	19720224	DE19681782067	19680716
DE1782067 C3	19730628	DE19671782067	19680716
FR1540990 A	19681004	FR19670114728	19670719
FR1540996 A	19681004	FR19670115317	19670724
GB1237276 A	19710630	GB19680034458	19680719
NL157785 B	19780915	NL19680010243	19680719
NL6810243 A	19690121	NL19680010243	19680719
SE345580 B	19720605	SE19680009861	19680718
US3628409 A	19711221	US19680744879	19680715
US3768712 A	19731030	US19710125344	19710317

Probable Assignee: SEITA

Assignee(s):(std)**:** SEITA

Assignee(s): SERVICE D EXPLOITATION IND DES TABACS ET DES ALLUMETTES ; SERVICE D EXPLOITATION IND DES TABACS ET DES ALLUMETTES FR ; SERVICE D EXPLOITATION INDUSTRIELLE DES TABACS ET ; SERVICE D EXPLOITATION INDUSTRIELLE DES TABACS ET DES ALLUMETTES ; SERVICE D EXPLOITATION INDUSTRIELLE DES TABACS ET DES ALLUMETTES PARIJS ; SERVICE D'EXPLOITATION INDUSTRIELLE DES TABACS ET DES ALLUMETTES PARIS ; SERVICE D EXPLOITATION INDUSTRIELLE DES TABACS ETDES ALLUMETTES

Inventor(s):(std)**:** IMBERT P ; IMBERT PIERRE ; PIERRE IMBERT

Inventor(s): IMBERT PIERRE FLEURY LES AUBRAIS LOIRET ; IMBERT P FR

International class (IPC 8–9)**:** A24B7/06 B26D1/22 B26D1/24 (Advanced/Invention); A24B7/00 B26D1/01 (Core/Invention)

International class (IPC 1–7)**:** A24B7/04 A24B7/06 A24B7/12 B26D1/22 B26D1/24 B26D7/14 B31B1/18 B31F D21B1/10 D21G

CPC: Y10S264/47 Y10T83/323 Y10T83/343 Y10T83/6596 Y10T83/783 Y10T225/329 Y10T225/379 Y10T225/14 B26D1/225 A24B7/06 B26D1/245

European class: A24B7/06 B26D1/22B B26D1/24B

US class: 225/0.3 225/104 225/3 225/97 264/DIG.47 83/175 83/176 83/429 83/500

Classification Explorer

Cited documents: US404645 A, US3782 A, US3427654 A, US3333752 A, US3111248 A, US2894697 A, US1939246 A, US1731967 A, US1227370 A,

0) US4305499A – DEVICE FOR HOLDING A NUMBER OF CONTAINERS AND P...

23) Family number: 29834227 (US4305499A)

© PatBase

Title: DEVICE FOR HOLDING A NUMBER OF CONTAINERS AND PACK COMPRISING THE SAME

Priority:

CA19790337181	19791009	GB19780040641	19781016	GB19790008714	19790313
GB19790034944	19791009	GB19790018291	19790925	NL19920000761	19920427
NL19920000761	19920427	NL19790007475	19791009	GB19790018291	19790525
US19940291044	19940815	US19920952978	19920929	US19900628991	19901217
US19900506530	19900406	US19880161155	19880226	US19870014158	19870212
US19850787702	19851015	US19820447936	19821208	US19800195189	19801008
US19790082523	19791009				

Family:

Publication number	Publication date	Application number	Application date
AT386228 B	19880725	AT19790006586	19791009
AT658679 A	19871215	AT19790006586	19791009
AU197951533 A1	19800424	AU19790051533	19791008
AU535660 B2	19840329	AU19790051533	19791008
BE879294 A	19800409	BE19790197553	19791009
BE879294 A1	19800409	BE19790197553	19791009
BR7906472 A	19800624	BR19790006472	19791008
CA1144327 A1	19830412	CA19790337181	19791009
CH649030 A	19850430	CH19790009085	19791009
DE2940581 A1	19800424	DE19792940581	19791006
DE2940581 C2	19861204	DE19792940581	19791006
DE3063941 D1	19830804	DE19803063941	19800312
DK154333 B	19881107	DK19790004218	19791008
DK154333 C	19890417	DK19790004218	19791008
DK421879 A	19800423	DK19790004218	19791008
EP0015780 A1	19800917	EP19800300763	19800312
EP0015780 B1	19830629	EP19800300763	19800312
ES257385 U	19811116	ES19810257385U	19810316
ES257385 Y	19820501	ES19810257385U	19810316
ES257386 U	19811116	ES19810257386U	19810316
ES257386 Y	19820501	ES19810257386U	19810316
ES484862 A0	19810416	ES19790484862	19791009
ES484862 A2	19810429	ES19790484862	19791009
ES493566 A0	19810901	ES19800493566	19800701
ES493566 A2	19810908	ES19800493566	19800701
ES8104042 A1	19810701	ES19790484862	19791009
ES8106434 A1	19811101	ES19800493566	19800701
FI72681 B	19870331	FI19790003122	19791009
FI72681 C	19870710	FI19790003122	19791009
FI793122 A	19800417	FI19790003122	19791009
FR2439076 A1	19800516	FR19790024960	19791008
FR2439076 B1	19840914	FR19790024960	19791008
GB2031833 A1	19800430	GB19790008714	19790313
GB2031833 B2	19830112	GB19790008714	19790313
GB2035191 A1	19800618	GB19790034944	19791009
GB2035191 B2	19820630	GB19790034944	19791009
GB2035191 C	19951123	GB19790034944	19791009
GB2073090 A1	19811014	GB19810006724	19791009
GB2073090 B2	19820630	GB19810006724	19791009
GR72495 B	19831115	GR19790160207	19791008

HK90084 A	19841123	HK19840000900	19841115
IE49622 B	19851113	IE19790001924	19791009
IE791924 L	19800416	IE19790001924	19791009
IT1125461 A	19860514	IT19790026348	19791009
IT7926348 A0	19791009	IT19790026348	19791009
JP1032060 B4	19890629	JP19790130711	19791009
JP1547722 C3	19900309	JP19790130711	19791009
JP55090337 A2	19800708	JP19790130711	19791009
KR820001946 B1	19821021	KR19790003439	19791008
LU81767 A	19800507	LU19790081767	19791009
MX151400 A	19841114	MX19790179563	19791008
MY8500925 A	19851231	MY19850000925	19851230
NL189009 B	19920701	NL19790007475	19791009
NL189009 C	19960724	NL19790007475	19791009
NL190319 B	19930816	NL19920000761	19920427
NL190319 C	19981009	NL19920000761	19920427
NL7907475 A	19800418	NL19790007475	19791009
NL9200761 A	19920803	NL19920000761	19920427
NO152611 B	19850715	NO19790003155	19791001
NO152611 C	19851023	NO19790003155	19791001
NO793155 A	19800417	NO19790003155	19791001
NZ191795 A	19831130	NZ19790191795	19791009
PL125772 B1	19830630	PL19790218813	19791009
PL218813 A1	19800908	PL19790218813	19791009
SE435470 B	19841001	SE19790008309	19791008
SE435470 C	19850110	SE19790008309	19791008
SE7908309 A	19800417	SE19790008309	19791008
SE7908309 L	19800417	SE19790008309	19791008
SG8490670 A	19850315	SG19840090670	19840921
SG8890591 A	19890901	SG19880090591	19880909
SU973005 D	19821107	SU19792835962	19791009
US4305499 A	19811215	US19800129666	19800312
US4374798 A	19830222	US19800195189	19801008
US4756946 A	19880712	US19870014158	19870212
US5156495 A	19921020	US19900628991	19901217
US5156495 B1	19940830	US19900628991	19901217
US5419659 A	19950530	US19940291044	19940815
YU245279 A	19830121	YU19790002452	19791009
ZA7905384 A	19800924	ZA19790005384	19791009

Probable Assignee: TENSAR TECHNOLOGIES LTD

Assignee(s):(std)**:** PLG RES LTD ; P L G RESEARCH LTD GB ; P L G RESEARCH TE BLACKBURN GROOT BRITTANN LTD ; P L G RESEARCH LIMITED ; P L G RESEARCH LTD ; PLG RESEARCH LTD ; RESEARCH LIMITED BLACKBURN ; P L G RESEARCH ; RES BLACKBURN LTD ; PLG RES

Assignee(s): PLGRESEARCH LTD ; TENSAR TECHNOLOGIES LTD ; TCO FUNDING CORP ; TENSAR CORP ; TENSAR EARTH TECHNOLOGIES INC ; TENSAR HOLDINGS INC ; TENSAR LLC CORP ; TENSAR POLYTECHNOLOGIES INC ; ADVANCED EARTH TECHNOLOGY INC ; AMERICAN CAPITAL LTD (SUCCESSOR BY MERGER TO AMERI ; AMERICAN CAPITAL LTD (SUCCESSOR BY MERGER TO AMERICAN CAPITAL FINANCIAL SERVICES INC) ; AMERICAN CAPITAL LTD SUCCESSOR BY MERGER TO AMERIC ; AMERICAN CAPITAL LTD SUCCESSOR BY MERGER TO AMERICAN CAPITAL FINANCIAL SERVICES INC ; ATLANTECH ALABAMA INC ; GEOPIER FOUNDATION CO INC ; GEOTECHNICAL REINFORCEMENT CO INC ;

MERCER FRANK B ; MERITEX PRODUCTS CORP ; P L G RESEARCH LIMITED TE BLACKBURN GROOT BRITTANN ; PLG RESEARCH A BRITISH CO LTD ; P L G RESEARCH LTD BLACKBURN LANCASHIRE GB ; P L G RESEARCH LIMITED TE BLACKBURN GROOT BRITTANNIE ; P L G RESEARCH LIMITED TE BLACKBURN GROOT BRITTANNIEE ; RESEARCH BLACKBURN LTD ; PLG RESEARCH ; PLG RESEARCH TE BLACKBURN GROOT BRITTANNIEE LTD ; NORTH AMERICAN GREEN INC

Inventor(s):(std)**:** FRANK BRIAN MERCER ; MERCER B F ; MERCER F ; MERCER F B ; MERCER FRANK B ; MERCER FRANK BRIAN ; MERCER FB ; MERCER BF ; GROOT BRITTANNIE ; FRANK BRIAN MERCER TE BLACKBURN ; FRANK BRIAN MERCER GB ; F B MERCER ; MERCER FANK BRIAN

Inventor(s): FANK BRIAN MERCER ; BRIAN MERCER FRANK ; MERCER FRANK BRIAN BLACKBURN LANCASHIRE GB

Designated states: BE CH DE FR NL SE

International class (IPC 8–9): A01N25/04 B01F17/00 B29C55/00 B29C55/04 B29C55/12 B29C61/00 B29D28/00 B29D7/00 B32B3/24 B65D71/50 D04H3/007 D04H3/04 D04H3/045 E02D17/18 E02D17/20 E02D29/02 (Advanced/Invention); A01N25/04 B01F17/00 B29D28/00 B65D71/50 D04H3/02 E02D17/20 E02D29/02 (Core/Invention)

International class (IPC 1–7): B29C17/02 B29C55/00 B29C55/04 B29C55/12 B29C55/14 B29D12/00 B29D28/00 B29D31/00 B29D7/00 B29D7/22 B29D7/24 B32B3/10 B32B3/24 B65D71/00 B65D71/06 B65D75/00 B65D85/62 D04H13/00 D04H13/02 D04H3/04 D04H3/16 E02D17/18 E02D17/20 E02D5/00 E04C2/42 E04F10/00 E04H17/00 F16S1/04

CPC: A01N25/04 B01F17/0085 Y10S264/47 Y10S264/81 Y10S428/91 Y10S206/805 D04H3/045 B29D28/00 B65D71/504 D04H3/007 D04H3/04 E02D17/20 E02D29/0233 Y10T428/24273 Y10T428/24314 Y10T442/184

European class: A01N25/04 B01F17/00Z B29D28/00 B65D71/50D D04H3/007 D04H3/04 D04H3/045 E02D17/20 E02D29/02D1

US class: 206/150 206/427 206/805 264/288.8 264/DIG.47 264/DIG.81 294/87.2 40/526.2 405/16 405/258 405/262 405/284 405/302.6 405/302.7 428/131 428/136 428/220 428/255 428/910 442/50 47/9 53/441

Classification Explorer

Cited documents: ZA6800026 A, US776799 A, US4756946 A, US4610568 A, US4455337 A, US4421439 A, US4391557 A, US4374798 A, US4343571 A, US4329089 A, US4324508 A, US4186781 A, US4152479 A, US4140826 A, US4135023 A, US4123491 A, US4117686 A, US4116331 A, US4116010 A, US4101358 A, US4075379 A, US4062995 A, US4059713 A, US4020208 A, US4013752 A, US3966044 A, US3954933 A, US3952127 A, US3950475 A, US3925994 A, US3922329 A, US3914365 A, US3881381 A, US3874502 A, US386876 A, US3851034 A, US3756300 A, US3746607 A, US3733100 A, US3686873 A, US3666609 A, US3642967 A, US3623937 A, US3616154 A, US3562825 A, US3554853 A, US3515778 A, US3505157 A, US3504790 A, US3500627 A, US3488415 A, US3468461 A, US3444588 A, US3441638 A, US3421326 A, US3405027 A, US3387077 A, US3386876 A, US3384530 A, US3365352 A, US3315718 A, US3255065 A, US3253072 A, US3252181 A, US3142109 A, US3137746 A, US3085292 A, US3084792 A, US3051987 A, US2919467 A, US2742391 A, US2582777 A, US2361369 A, US2294966 A, US2145396 A, US2079584 A, US1762343 A, US1364493 A, LU55225 A, JP52124984 A2, JP49101674 A2, GR52878, GB982036 A, GB969655 A, GB969205 A, GB922131 A, GB914489 A, GB900083 A, GB836555 A, GB726682 A, GB397492 A, GB2073090 A1, GB2035191 A1, GB1565262 A, GB1544608 A, GB1372182 A, GB1310474 A, GB1309419 A, GB1267300 A, GB1235901 A, GB1170639 A, GB1116181 A, GB1075487 A, GB1069361 A, GB1058445 A, GB1055963 A, GB1054946 A, FR656692 A, FR368393 A, FR2347171 A1, FR2278593 A1, FR2235786 A1, FR2195555 A1, FR2138198 A2, FR2131842 A6, FR2131841 A2, FR2099502 A1, FR2098707 A5, FR2098500 A5, FR1601073 A, FR1566717 A, FR1393988 A, FR1173383 A, DE94251 A, DE2626650 A1, DE1913773 A1, DE1435107 A1, DE1266950 B, DD94251 A, CA954261 A1, BE873556 A,

0) US4091718A – METHOD AND APPARATUS FOR FORMING COMPOSITE CONT...

24) Family number: 1273759 (US4091718A)

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Title: Method and apparatus for forming composite container including a tab−cut label layer

Priority: US19770759336 19770118

Family:

Publication number	Publication date	Application number	Application date
AU197726528 A1	19790104	AU19770026528	19770628
AU504629 B2	19791018	AU19770026528	19770628
BE854140 A	19770816	BE19770177165	19770429
BE854140 A1	19770816	BE19770177165	19770429
BR7702756 A	19780919	BR19770002756	19770429
CA1072794 A1	19800304	CA19770282507	19770711
DE2721420 A1	19780720	DE19772721420	19770512
DK24478 A	19780719	DK19780000244	19780117
FR2377272 A1	19780811	FR19770008993	19770325
GB1561512 A	19800220	GB19770017656	19770427
IT1082204 A	19850521	IT19770020580	19770222
JP53091169 A2	19780810	JP19770036981	19770402
JP54023976 B4	19790817	JP19770036981	19770402
JP990477 C3	19800318	JP19770036981	19770402
LU77582 A	19770929	LU19770077582	19770620
NL7702600 A	19780720	NL19770002600	19770310
SE7705359 A	19780719	SE19770005359D	19770509
US4091718 A	19780530	US19770759336	19770118

Probable Assignee: SONOCO PRODUCTS CO

Assignee(s):(std)**:** BOISE CASCADE CORP

Assignee(s): BOISE CASCADE TE BOISE IDAHO VER ST V AM CORP ; BOISE CASCADE TE BOISE IDAHO VER ST V CORP ; SONOCO PRODUCTS CO ; THORNHILL DEWEY B ; BOISE CASADE CORP

Inventor(s):(std)**:** DEIUUI BII SOONHIRU ; THORNHILL D ; THORNHILL D B ; THORNHILL DEWEY B ; THORNHILL DEWEY BEHLER

Inventor(s): DEWEY BEHLER THORNHILL ; B THORNHILL DEWEY ; D B THORNHILL

International class (IPC 8–9): A21D4/00 B31C1/06 B31C3/00 B31C3/02 B65D3/22 B65D3/28 B65D85/60 (Advanced/Invention); A21D4/00 B31C3/00 B65D3/00 B65D85/60 (Core/Invention)

International class (IPC 1–7): A21D13/08 B31B B31C1/06 B31C11/00 B31C3/00 B31C3/04 B65D15/06 B65D17/02 B65D17/18 B65D3/04 B65D3/14 B65D3/22 B65D3/26 B65D85/36 B65D85/72

CPC: B31C3/02 B65D3/22

European class: B31C3/02 B65D3/22

US class: 493/103 493/104 493/109 493/67 93/39.1R

Classification Explorer

Cited documents: US3981433 A, US3506183 A, US3241739 A, US3087393 A, US2901162 A, FR1303827 A,

0) US4547784A – THERMAL RECORDING SYSTEM AND METHOD

25) Family number: 2193403 (US4547784A) © PatBase

Title: Thermal recording system and method

Priority: CA19850488693 19850814 EP19850890233 19850925 EP19850890233 19850925 US19840685715 19841224

Family:

Publication number	Publication date	Application number	Application date
AT60474 E	19910215	AT19850890233T	19850925
AU198548850 A1	19860703	AU19850048850	19851018
AU4885085 A1	19860703	AU19850048850D	19851018
AU573397 B2	19880609	AU19850048850	19851018
CA1238942 A1	19880705	CA19850488693	19850814
DE0186651 T1	19861127	DE19850890233T	19850925
DE3581519 D1	19910228	DE19853581519	19850925
EP0186651 A2	19860702	EP19850890233	19850925
EP0186651 A3	19880113	EP19850890233	19850925
EP0186651 B1	19910123	EP19850890233	19850925
JP1778877 C3	19930813	JP19850243808	19851030
JP4069557 B4	19921106	JP19850243808	19851030
JP61154996 A2	19860714	JP19850243808	19851030
US4547784 A	19851015	US19840685715	19841224

Probable Assignee: OEP IMAGING OPERATING CORP

Assignee(s):(std)**:** POLAROID CORP

Assignee(s): POLAROID CORP CAMBRIDGE MASS US ; POLAROID F K A OEP IMAGING OPERATING COMPANY COR ; POLAROID F K A OEP IMAGING OPERATING CO CORP ; POLAROID FMR OEP IMAGING OPERATING CORP CORP ; ERLICHMAN IRVING ; HAUSSLEIN ROBERT W ; MORGAN GUARANTY TRUST CO ; MORGAN GUARANTY TRUST CO OF NEW YORK ; OEP IMAGING OPERATING CORP

Inventor(s):(std)**:** AABINGU AARITSUHIMAN ; ERLICHMAN IRVING ; HAUSSLEIN ROBERT W ; ROBAATO DABURIYU HAUSUREIN

Inventor(s): ROBAATO DABURYU HAUSUREIN ; ROBERT W HAUSSLEIN ; HAUSSLEIN ROBERT WILLIAM ; IRVING ERLICHMAN ; ERLICHMAN IRVING WAYLAND MASSACHUSETTS 01778 US

Designated states: AT CH DE FR GB IT LI NL

International class (IPC 8–9)**:** B41J2/36 B41M5/26 B41M5/36 B41M5/382 H04N1/032 H04N1/23 H04N1/40 (Advanced/Invention); B41M5/26 B41M5/36 H04N1/23 (Advanced/Non–invention); B41J2/36 B41M5/26 B41M5/36 H04N1/032 H04N1/23 H04N1/40 (Core/Invention)

International class (IPC 1–7)**:** B41J3/20 B41M5/18 B41M5/26 B41M5/36 G06K15/00 G06K15/10 G06K9/46 H04N1/032 H04N1/23 H04N1/40

CPC: H04N1/4005 B41J2/36 H04N1/032 H04N1/40031

European class: B41J2/36 H04N1/032 H04N1/40J2 H04N1/40J9

US class: 250/318 346/76PH 347/188

Classification Explorer

Cited documents: US4538173 A, US4510507 A, US4442342 A, US4412229 A, US4407003 A, US4386360 A, US4355318 A, US4064205 A, US3577137 A, JP57094780, JP56082284 A2,

0) US3487443A – PAPER CONE AND BLANK THEREFOR

26) Family number: 20983244 (US3487443A)

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Title: PAPER CONE AND BLANK THEREFOR

Priority: US19660569934 19660803 US19680722756 19680419

Family:

Publication number	Publication date	Application number	Application date
AT291733 B	19710726	AT19660010321	19661108
AU1368166 A1	19680509	AU19660013681	19661109
BE689701 A	19670516		19661114
CH467156 A	19690115	CH19660016715	19661121
DE1511085 B1	19710701	DE19661511085	19661017
FR1502220 A	19671118	FR19660084239	19661118
GB1159588 A	19690730	GB19660048836	19661101
LU52377 A	19670517		19661116
NL6618331 A	19680205	NL19660018331	19661229
NO121255 B	19710201	NO19660165525	19661110
SE329079 B	19700928	SE19660015486	19661111
US3391617 A	19680709	US19660569934	19660803
US3487443 A	19691230		19680419

Probable Assignee: BIG DRUM INC

Assignee(s):(std)**:** BIG DRUM INC

Assignee(s): ALCO STANDARD A CORP OF OH CORP ; ALCO STANDARD CORP

Inventor(s):(std)**:** ABBET ERICKSON LEONARD ; ERICKSON L ; ERICKSON LEONARD A ; LEONARD A ERICKSON ; ROBERT T WISE ; TAYLOR WISE ROBERT ; WISE R ; WISE ROBERT T

Inventor(s): A ERICKSON LEONARD ; ROBERTT WISE AND LEONARDA ERICKSON ; T WISE ROBERT

International class (IPC 8–9): B31B41/00 B31B41/74 B65D3/06 B65D85/78 B65H35/06 B65H37/00 (Advanced/Invention)

International class (IPC 1–7): B01D35/28 B31B25/14 B31B3/00 B31B41/00 B31C7/08 B65D3/06 B65D5/00

CPC: B65D3/06 B65D85/78

European class: B65D3/06 B65D85/78

US class: 229/1.5 229/400 229/402 426/122 426/130 493/149 493/150 493/155 493/161 493/60 493/62

Classification Explorer

Cited documents: US3065676 A, US2966292 A, US2385604 A, US2293036 A, US2240501 A, US2220312 A, US2187769 A, US2056893 A, US2056636 A, US1672884 A, US1552524 A, US1434934 A, US1294011 A, US1197323 A, DE1023962 B,

0) GB191314143A – IMPROVEMENTS IN TOBACCO LEAF STEMMING MACHINES....

27) Family number: 37030527 (GB191314143A)

© PatBase

Title: Improvements in Tobacco Leaf Stemming Machines.

Priority: 19130618

Family:

Publication number	Publication date	Application number	Application date
GB191314143 A	19140611		00000000

Probable Assignee: SCOVILL JAMES PARLEY

Assignee(s):(std)**:** SCOVILL JAMES PARLEY

Assignee(s): JAMES PARLEY SCOVILL

Inventor(s):(std): SCOVILL JAMES PARLEY

Inventor(s): JAMES PARLEY SCOVILL

International class (IPC 8–9): A24B5/06 (Advanced/Invention); A24B5/00 (Core/Invention)

CPC: A24B5/06

European class: A24B5/06

Classification Explorer

0) US4596991A – THERMAL RECORDING MEDIUM AND METHOD

28) Family number: 2193402 (US4596991A) © PatBase

Title: Thermal recording medium and method

Priority: CA19850488692 19850814 EP19850890232 19850925 US19840685714 19841224

Family:

Publication number	Publication date	Application number	Application date
AT73398 E	19920315	AT19850890232T	19850925
AU198548849 A1	19860703	AU19850048849	19851018
AU574523 B2	19880707	AU19850048849	19851018
CA1226733 A1	19870915	CA19850488692	19850814
DE0187133 T1	19861127	DE19850890232T	19850925
DE3585603 D1	19920416	DE19853585603	19850925
EP0187133 A2	19860709	EP19850890232	19850925
EP0187133 A3	19880518	EP19850890232	19850925
EP0187133 B1	19920311	EP19850890232	19850925
JP1778876 C3	19930813	JP19850243807	19851030
JP4069556 B4	19921106	JP19850243807	19851030
JP61154998 A2	19860714	JP19850243807	19851030
US4596991 A	19860624	US19840685714	19841224

Probable Assignee: POLAROID CORP

Assignee(s):(std): POLAROID CORP

Assignee(s): POLAROID CORP CAMBRIDGE MASS US ; SMITH RICHARD L ; ADOMKAITIS ALGIS E ; ERLICHMAN IRVING

Inventor(s):(std): AABINGU AARITSUHIMAN ; ADOMKAITIS ALGIS E ; ERLICHMAN IRVING ; SMITH RICHARD L ; ARUGISU II ADOMUKAITEISU ; RICHIYAADO ERU SUMISU

Inventor(s): RICHARD L SMITH ; IRVING ERLICHMAN ; ALGIS E ADOMKAITIS ; SMITH RICHARD L CONCORD MASSACHUSETTS 01742 US ; ERLICHMAN IRVING WAYLAND MASSACHUSETTS 01778 US ; RICHAADO ERU SUMISU ; ADOMKAITIS ALGIS E MILTON MASSACHUSETTS 02186 US

Designated states: AT CH DE FR GB IT LI NL

International class (IPC 8–9): B41M5/26 B41M5/30 B41M5/323 B41M5/36 B41M5/42 (Advanced/Invention); B41M5/30 B41M5/323 B41M5/36 (Advanced/Non–invention); B41M5/26 B41M5/36 B41M5/40 (Core/Invention); B41M5/30 (Core/Non–invention)

International class (IPC 1–7): B41J3/20 B41M5/26 B41M5/36 G06K15/10 G06K19/02 G06K9/46

CPC: B41M5/42 B41M5/323

European class: B41M5/40C B41M5/42 L41M5/323

US class: 346/1.1 346/105 346/76PH 347/183 400/120

Classification Explorer

Cited documents: US708378 A, US4504837 A, US4477562 A, US3881932 A, GB295087 A, FR1527041 A, AU4885085 A1,

0) GB681568A – IMPROVEMENTS IN OR RELATING TO MACHINES FOR MAK...

29) Family number: 19881848 (GB681568A) © PatBase

Title: IMPROVEMENTS IN OR RELATING TO MACHINES FOR MAKING PAPER CONTAINERS

Priority: GB19500007845 19500329

Family:

Publication number	Publication date	Application number	Application date
GB681568 A	19521029	GB19500007845	19500329

Probable Assignee: NAT PAPER BOTTLE CO INC

Assignee(s):(std)**:** NAT PAPER BOTTLE CO INC

Assignee(s): NATIONAL PAPER BOTTLE CO ; NATIONAL PAPER BOTTLE CO INC

International class (IPC 8–9)**:** B31B17/00 (Advanced/Invention); B31B17/00 (Core/Invention)

CPC: B31B50/00 B31B50/32 B31B2105/0022

European class: B31B1/32 B31B17/00 L31B201/26A1A L31B217/08A

Classification Explorer

0) US3265263A – METHOD AND APPARATUS FOR OPENING EXPENDABLE FIL...

30) Family number: 25923505 (US3265263A) © PatBase

Title: METHOD AND APPARATUS FOR OPENING EXPENDABLE FILM CARTRIDGES

Priority: FR19660055797 19660331 US19650446527 19650408

Family:

Publication number	Publication date	Application number	Application date
BE678803 A	19660901		19660331
DE1497466 A1	19690710	DE19661497466	19660407
DE6603619 U	19691106	DE19660003619U	19660407
ES325234 A1	19670401	ES19660325234	19660406
FR1473639 A	19670317	FR19660055797	19660331
GB1144435 A	19690305	GB19660015329	19660406
SE313992 B	19690825	SE19660004813	19660407
US3265263 A	19660809	US19650446527	19650408

Probable Assignee: EASTMAN KODAK CO

Assignee(s):(std)**:** EASTMAN KODAK CO

Assignee(s): EASTMAN KODAK COMPANY

Inventor(s):(std)**:**

	WEYL RAYMOND C ; WEYL R ; WENDELL VREELAND ROBERT ; VREELAND ROBERT W ; VREELAND R ; MAURICE LAFONTANT ALIX ; LAFONTANT ALIX M ; LAFONTANT A ; FERRIS JAMES E ; FERRIS J ; ELIAS FERRIS JAMES ; C WEYL RAYMOND
International class (IPC 8–9):	B65B69/00 G03D13/00 (Advanced/Invention) ; B65B69/00 G03D13/00 (Core/Invention)
International class (IPC 1–7):	B65B69/00 G03B17/26 G03D13/00 G03D15/00
CPC:	Y10T225/12 Y10T225/314 Y10T225/321 B65B69/00 G03D13/001
European class:	B65B69/00 G03D13/00C
US class:	225/2 225/95 225/96

Classification Explorer

0) US4191218A – FABRICS FOR HEART VALVE AND VASCULAR PROSTHESES...

31) Family number: 1433545 (US4191218A) © PatBase

Title: FABRICS FOR HEART VALVE AND VASCULAR PROSTHESES AND METHODS OF FABRICATING SAME

Priority:

AU19820080175	19820203	CA19780297604	19780223	CA19810382421	19810723
CA19810382428	19810723	FR19850006171	19850423	CA19810371805	19810226
US19800125121	19800227	US19750575438	19750507	US19780901085	19780428
US19770790442	19770425	US19800125120	19800227	US19770790142	19770425
US19770771359	19770223				

Family:

Publication number	Publication date	Application number	Application date
AU197833292 A1	19790823	AU19780033292	19780214
AU198280175 A1	19820506	AU19820080175	19820203
AU521676 B2	19820422	AU19780033292	19780214
AU543374 B2	19850418	AU19820080175	19820203
AU546064 B1	19850815	AU19810067459	19810219
CA1115002 A1	19811229	CA19780297604	19780223
CA1130052 A1	19820824	CA19810382421	19810723
CA1130052 A2	19820824	CA19810382421	19810723
CA1130053 A1	19820824	CA19810382428	19810723
CA1130053 A2	19820824	CA19810382428	19810723
CA1151803 A1	19830816	CA19810371805	19810226
CH639841 A	19831215	CH19780001923	19780222
CH642531 A	19840430	CH19810001311	19810226
CH654995 A	19860327	CH19830006659	19780222
DE2807467 A1	19780824	DE19782807467	19780222
DE2807467 C2	19870416	DE19782807467	19780222
DE2858676 C2	19890406	DE19782858676	19780222
DE3107189 A1	19811210	DE19813107189	19810226
DE3107189 C2	19930107	DE19813107189	19810226
FR2381515 A1	19780922	FR19780005084	19780222
FR2381515 B1	19860221	FR19780005084	19780222
FR2476480 A1	19810828	FR19810003859	19810226
FR2476480 B1	19851018	FR19810003859	19810226

FR2561921 A1	19851004	FR19850006171	19850423
FR2561921 B1	19880122	FR19850006171	19850423
GB1598111 A	19810916	GB19780006963	19780222
GB1598112 A	19810916	GB19800022665	19780222
GB2069843 A1	19810903	GB19810005439	19810220
GB2069843 B2	19840711	GB19810005439	19810220
JP1337689 C3	19860929	JP19780045991	19780420
JP1597678 C3	19910128	JP19810027067	19810227
JP2024542 B4	19900529	JP19810027067	19810227
JP53135198 A2	19781125	JP19780045991	19780420
JP56152645 A2	19811126	JP19810027067	19810227
JP61003499 B4	19860201	JP19780045991	19780420
SE433904 B	19840625	SE19780002054	19780222
SE433904 C	19841025	SE19780002054	19780222
SE451533 B	19871019	SE19820006288	19821105
SE451533 C	19880128	SE19820006288	19821105
SE453457 B	19880208	SE19810001266	19810226
SE453457 C	19880519	SE19810001266	19810226
SE454479 B	19880509	SE19820006429	19821112
SE454479 C	19880818	SE19820006429	19821112
SE7802054 A	19780824	SE19780002054D	19780222
SE8101266 A	19810828	SE19810001266	19810226
SE8101266 L	19810828	SE19810001266	19810226
SE8206288 A	19821105	SE19820006288	19821105
SE8206288 A0	19821105	SE19820006288	19821105
SE8206288 L	19821105	SE19820006288	19821105
SE8206429 A	19821112	SE19820006429	19821112
SE8206429 A0	19821112	SE19820006429	19821112
SE8206429 L	19821112	SE19820006429	19821112
US4191218 A	19800304	US19780901085	19780428
US4192020 A	19800311	US19770790442	19770425
US4297749 A	19811103	US19800125121	19800227
US4340091 A	19820720	US19800125120	19800227

Probable Assignee: ALBANY INT CORP

Assignee(s):(std)**:** ALBANY INT CORP ; CLARK R E ; DAVIS R B ; DAVIS ROBERT BERNARD ; CLARK RICHARD EDWIN ; DAVIS R B SKELTON J CLARK R E ; DAVIS ROBERT B ; SKELTON J ; SWANSON W M ; SWANSON WILBUR MILTON ; SKELTON JOHN ; DAVIS ROBERT BERNHARD ; SWANSON WILBUR M ; UNIV WASHINGTON ; UNI WASHINTON ; CLARK RICHARD E ; DAVIS ROBERT

Assignee(s): DAVIS R B SKELTON J CLARK R E AND SWANSON W M ; ALBANY INT ; WASHINGTON UNIV ; SWANSON WILBUR MILTON ST LOUIS MISS US ; SKELTON JOHN SHARON MASS US ; UIRUBAA MIRUTON SUWANSON ; WASHINGTON UNIV A CORP OF MO ; SWANSON WILBUR MILTON ST LOUIS MISS ; WASHINTON UNIV ; WILBUR MILTON SWANSON ; WASHINGTON UNIV ST LOUIS MO A CORP OF MO ; WASHINGTON UNIV ST LOUIS MO ; WASHINGTON UNIV ST LOUIS MO US ; OORUBANII INTERN CORP ; RICHARD EDWIN CLARK ; ROBERT BERNARD DAVIS ; JOHN SKELTON ; ROBERT BERNHARD DAVIS ; RICHAADO EDOIN KURAAKU ; JON SUKERUTON ; ROBAATO BAANAADO DEIBISU ; OF WASHINGTON UNIV ; SKELTON JOHN SHARON MASS ; SKELTON J CLARK RE SWANSON WM DAVIS RB ; SWANSON WM DAVIS RB SKELTON J CLARK RE ; SKELTON J CLARK R E SWANSON W M DAVIS R B ; SWANSON W M DAVIS R B SKELTON J CLARK R E ; DAVIS RB ; DAVIS ROBERT BERNARD FRAMINGHAM MASS US ; DAVIS ROBERT BERNARD FRAMINGHAM MASS ; DAVIS RB SKELTON J CLARK RE SWANSON WM ; CLARK RE SWANSON WM DAVIS RB SKELTON J ; DAVIS R B SKELTON J CLARK R E SWANSON W M ; CLARK R E SWANSON W M DAVIS R B SKELTON J ; ALBANY

	INT CORP A CORP OF NY ; ALBANY INT CORP ALBANY N Y US ; ALBANY INT CORP WASHINGTON UNIV
Inventor(s):(std)	CLARK RICHARD EDWIN ; DAVIS ROBERT BERNARD ; SKELTON JOHN ; SWANSON WILBUR MILTON ; UIRUBAA MIRUTON SUWANSON ; ROBAATO BAANAADO DEIBISU ; RICHIYAADO EDOUIN KURAAKU ; SKELTON J ; JIYON SUKERUTON ; SWANSON WILBUR M ; DAVIS ROBERT BERNHARD ; CLARK RICHARD E ; CLARK R E ; DAVIS ROBERT B ; DAVIS R B
Inventor(s):	CLARK RICHARD EDWIN ST LOUIS MISS ; BERNHARD DAVIS ROBERT ; BERNARD DAVIS ROBERT ; DAVIS ROBERT BERNARD FRAMINGHAM MASS US ; DAVIS ROBERT BERNARD FRAMINGHAM MASS ; SOK ; SKELTON JOHN SHARON MASS ; J SKELTON ; EDWIN CLARK RICHARD ; EDWIN CLARK R HARD ; DAVIS ROBERT BERNHARD FRAMINGHAM MASS ; ROBERT BERNHARD DAVIS ; ROBERT BERNARD DAVIS JOHN SKELTON RICHARD EDWIN CLARK AND WILBUR MILTON SWANSON ; ROBERT BERNARD DAVIS JOHN SKELTON ET RICHARD... ; ROBERT BERNARD DAVIS JOHN SKELTON ET RICHARD EDWIN ; RICHAADO EDOIN KURAAKU ; R E CLARK ; R B DAVIS ; MILTON SWANSON WILBUR ; JON SUKERUTON ; JOHN SKELTON RICHARD EDWIN CLARK ET ROBERT... ; JOHN SKELTON RICHARD EDWIN CLARK ET ROBERT BERNARD DAVIS ; JOHN SKELTON RICHARD EDWIN CLARK ET ROBERT BERNARD ; SWANSON WILBUR MILTON ST LOUIS MISS US ; SWANSON WILBUR MILTON ST LOUIS MISS ; WILBUR MILTON SWANSON ; JOHN SKELTON ; RICHARD EDWIN CLARK ; ROBERT BERNARD DAVIS
International class (IPC 8–9):	A61F2/06 A61F2/24 A61L27/00 A61L27/14 A61L27/18 B23G9/00 D03D15/00 D03D17/00 D03D3/02 D03D7/00 (Advanced/Invention) ; A61L27/00 (Advanced/Non–invention) ; A61F2/24 (Core/Invention)
International class (IPC 1–7):	A61F1/00 A61F1/22
CPC:	A61F2/2415 D10B2321/022 D10B2331/04 D10B2401/061 D03D15/0088 Y10S623/90 A61F2220/005 A61F2/2418 A61F2/06 A61F2/2412 A61L27/14 A61L27/18 B21F45/008 D03D3/02 D03D7/00 D03D15/00 D03D15/0061 D03D15/08 D10B2331/06 D10B2509/00
European class:	A61F2/06 A61F2/24D A61F2/24D2 A61F2/24D6 A61L27/14 A61L27/18 B21F45/00M D03D15/00 D03D15/00K D03D15/00O2 D03D15/08 D03D3/02 D03D7/00 N10B321/022 N10B331/04 N10B331/06 N10B401/061 N10B509/00
US class:	139/383.00R 139/383.0R 139/383R 139/387.00R 139/387R 139/420.00R 139/420R 139/421 28/155 3/1.5 3/1.500 623/1.51 623/1.53 623/2.13 623/2.19 623/900 87/7 87/8
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Cited documents:	US901085 A, US4222126 A, US4192020 A, US4191218 A, US4106129 A, US4031165 A, US3983581 A, US3945052 A, US3940802 A, US3891604 A, US3784520 A, US3775373 A, US3755823 A, US3744062 A, US3736598 A, US3714671 A, US3608097 A, US3588920 A, US3571815 A, US3512183 A, US3460975 A, US3429219 A, US3409960 A, US3130418 A, US3096560 A, US3011527 A, US2990605 A, US2978787 A, US2836181 A, SU158988 T, JP56011062 A2, JP46042064 A2, GB768542 A, FR2340079 A2, FR2011782 A1, DE2807467 A1, DE2613575 A1, DE2514231 A1, DE2508570 A1, DE2355959 B2, DE2025358 A1, DE1939121 A1, DE1932817 A1,

0) US5514680A – GLYCINE RECEPTOR ANTAGONISTS AND THE USE THEREO...

32) Family number: 29466515 (US5514680A) © PatBase

Title:	Glycine receptor antagonists and the use thereof				
Priority:	US19920903080	19920622	US19920995167	19921222	US19930069274	19930528
	US19930148268	19931105	US19940208878	19940311	US19940289603	19940811
	US19950405708	19950317	US19950405713	19950317	US19930148259	19931105
	WO1994US12775	19941107	US19970792872	19970131	US19990376536	19990818
	US20000661475	20000913	WO1993US05859	19930617		

Family:

Publication number	Publication date	Application number	Application date
AT404201 E	20080815	AT19930916620T	19930617
AU199346412 A1	19940124	AU19930046412	19930617
AU199511723 A1	19950523	AU19950011723	19941107
AU672617 B2	19961010	AU19930046412	19930617
AU699353 B2	19981203	AU19950011723	19941107
CA2138026 AA	19941213	CA19932138026	19930617
CA2138026 C	20030909	CA19932138026	19930617
CA2175795 AA	19960503	CA19942175795	19941107
DE69334237 D1	20080925	DE19936034237	19930617
DK0647137 T3	20081208	DK19930916620T	19930617
EP0647137 A1	19950412	EP19930916620	19930617
EP0647137 A4	19980916	EP19930916620	19930617
EP0647137 B1	20080813	EP19930916620	19930617
EP0732942 A1	19960925	EP19950902458	19941107
EP0732942 A4	20000322	EP19950902458	19941107
ES2313714 T3	20090301	ES19930916620T	19930617
FI120094 B	20090630	FI19940006005	19941221
FI946005 A	19950221	FI19940006005	19941221
FI946005 A0	19941221	FI19940006005	19941221
FI961858 A	19960704	FI19960001858	19960502
FI961858 A0	19960502	FI19960001858	19960502
IL111533 A0	19950124	IL19940111533	19941106
IL111533 A1	20010614	IL19940111533	19941106
JP3301024 B2	20020715	JP19940502475T	19930617
JP4164547 B2	20081015	JP19950513452T	19941107
JP8501283 T2	19960213	JP19940502475T	19930617
JP9504794 T2	19970513	JP19950513452T	19941107
KR100304017 B1	20011122	KR19940704688	19941222
KR100372120 B1	20030619	KR19960702349	19960504
KR19957002116 A	19950619	KR19947004688	19930617
KR19960705591 A	19961108	KR19960702349	19960504
KR19967005591 A	19961108	KR19967002349	19941107
NO309981 B1	20010430	NO19960001770	19960502
NO310022 B1	20010507	NO19940004942	19941220
NO944942 A	19950222	NO19940004942	19941220
NO944942 A0	19941220	NO19940004942	19941220
NO961770 A	19960705	NO19960001770	19960502
NO961770 A0	19960502	NO19960001770	19960502
NZ254404 A	19970822	NZ19930254404	19930617
NZ276892 A	20000128	NZ19940276892	19941107
PT647137 T	20081124	PT19930916620T	19930617
US5514680 A	19960507	US19930148259	19931105
US5620979 A	19970415	US19950405708	19950317
US5622952 A	19970422	US19950405713	19950317
US5631373 A	19970520	US19940289603	19940811
US5977107 A	19991102	US19970792872	19970131
US6147075 A	20001114	US19990376536	19990818
US6251903 BA	20010626	US20000661475	20000913
WO9400124 A1	19940106	WO1993US05859	19930617

WO9512417 A1	19950511	WO1994US12775	19941107

Probable Assignee: UNIV

Assignee(s):(std): COCENSYS INC ; COCENSYS INC U S ; ECKARD WEBER ; KEANA JOHN F W ; ECKARD WEBER UNDER S24 ; OREGON STATE ; STATE OF OREGON THROUGH OREGON ; STATE OF OREGON ACTING BY THRO ; STATE OF OREGON ACTING BY AND THROUGH OREGON S ; UNIV CALIFORNIA ; WEBER ECKARD ; UNIV CALIFORNIA WEBER ECKARD ; UNIV OREGON HEALTH SCIENCES ; UNIV OREGON ; UNIV OF CALIFORNIA ; UNIV ORGEGON ; UNIV CALIFORNIA AND STATE OF O ; STATE OREGON THR OREGON ST BOA ; OF OREGON UNIV ; JOHN F W KEANA ; ACEA PHARM INC

Assignee(s): ACEA PHARMACEUTICALS INC ; CAI SUI XIONG ; KEANA JOHN F ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEA ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALT ; KHER SUNIL ; STATE OF OREGON THROUGH OREGON STATE BOARD OF HIGHER EDUCATION FOR AND ON BEHALF OF OREGON HEALTH SC UNIV AND UNIV OF OREGON ; THE UNIV OF CALIFORNIA WEBER ECKARD ; STATE OREGON THR OREGON ST BOARD HIGHER EDUC FOR AND ON BEHALF OF OREGON HEALTH SC UNIV AND U OREGON ; THE UNIV OF CALIFORNIA AND STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGH EDUCATION ACTING FOR AND ON BEHHALF OF OREGON HEALTH SCIENCES UNIV ; THE UNIV OF CALIFORNIA ; UNIV ; UNIV OF CALIFORNIA WEBER ECKARD ; THE UNIV OF CALIFORNIA WEBER ; THE UNIV OF CALIFORNIA AND ST ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON EUGENE OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD O ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATEBOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON EUGENE OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON KEANA JOHN F W STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ONBEHALF OF OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON EUGENE OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON HEALTH SCIENCES UNIV ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOA ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON EUGENE OREGON was JOHN F W KEANA.. ; STATE OF OREGON ACTING BY THROUGH STATE BOARD OF HIGHER EDUCATION ACTING FOR OREGON HEALTH SCIENCES UNIV AND UNIV OF OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE BOARD OF HIGHER EDUCATION ACTING FOR AND ON BEHALF OF SCIENCES UNIV AND ; STATE OF OREGON ACTING BY AND THROUGH OREGON STATE ; STATE OF OREGON ACTING BY AND THROUGH OREGON KEANA ; STATE OF OREGON ; OREGON STATE BOARD OF HIGHER EDUCATION ; STATE OF OREGON ACTING BY THROUGH STATE BOARD OF H ; STATE OF OREGON ACTING BY AND THROUGH OREGON ; STATE OF OREGON ACTING BY AND THROUGH OREG ; STATE OF OREGON ACTING BY AND THROUGH OREGON K ; OF CALIFORNIA UNIV ; KEANA JOHN FW ; OREGON HEALTH SCIENCES UNIV

Inventor(s):(std): CAI SUI X ; CAI SUI XIONG ; KEANA JOHN F ; KEANA JOHN F W ; KHER SUNIL ; WEBER ECKARD

Inventor(s): KEANA JOHN FW ; SUI XIONG CAI ; SUNIL KHER ; ECKARD WEBER ; JOHN F W KEANA

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA US UZ VN

International class (IPC 8–9): A61K31/495 A61K31/498 A61K31/50 A61K45/00 A61K51/00 A61K51/04 A61P25/00 A61P25/04 A61P25/08 A61P25/16 A61P25/18 A61P25/22 A61P25/28 A61P29/00 A61P3/08 A61P43/00 A61P9/00 A61P9/10 C07D237/28 C07D239/72 C07D241/38 C07D241/44 C07D241/52 C07D241/54 C07D487/04 C07D491/04 C07D491/048 C07D495/04 (Advanced/Invention);
A61K101/00 A61K101/02 A61K31/495 A61K51/00 A61P25/00 A61P43/00 C07D237/28 (Advanced/Non–invention);

A61K (Subclass/Invention)

International class (IPC 1–7): A61K101/00 A61K101/02 A61K121/00 A61K123/00 A61K31/44 A61K31/495 A61K31/498 A61K31/50 A61K31/505 A61K45/00 A61K51/00 A61K51/04 A61P25/00 A61P25/08 A61P25/18 A61P25/22 A61P25/28 C07C241/36 C07D237/00 C07D237/28 C07D239/00 C07D239/72 C07D241/00 C07D241/38 C07D241/44 C07D241/52 C07D487/04 C07D491/04 C07D491/048 C07D495/04

CPC: C07D491/04 A61K31/495 A61K51/0459 C07D241/38 C07D241/44 C07D241/52 C07D241/54 C07D487/04

European class: A61K31/495 A61K47/48H4 A61K51/04 A61K51/04G60M C07D241/38 C07D241/44 C07D241/52 C07D241/54 C07D487/04 C07D491/04

US class: 514/151 514/249 514/250 514/255 514/289 544/354

Classification Explorer

Cited documents: WO9425469 A1, WO9407500 A1, WO9400124 A1, WO9400123 A1, WO9308188 A1, WO9308173 A1, WO9215565 A1, WO9214740 A1, WO9211854 A1, WO9211245 A1, WO9211012 A1, WO9207847 A1, WO9202487 A1, WO9113878 A1, WO9015606 A1, US6172065 BA, US6166019 A, US6143733 A, US5631373 A, US5622952 A, US5620979 A, US5514680 A, US5352683 A, US5308845 A, US5283244 A, US5268378 A, US5198461 A, US5196421 A, US5190941 A, US5187171 A, US5182258 A, US5166155 A, US5109001 A, US5081123 A, US5079250 A, US5075306 A, US5061706 A, US5057516 A, US5055470 A, US5055465 A, US5026704 A, US4994460 A, US4977155 A, US4975430 A, US4948794 A, US4912108 A, US4889855 A, US4888347, US4812458 A, US4803270 A, US4659713 A, US4312807 A, US3992378 A, US3962440 A, PL72674, EP260467, EP0572852 A1, EP0511152 A2, EP0481676 A1, EP0377112 A1, EP0374534 B1, EP0374534 A1, EP0348872 A1, EP0315959 A2, EP0260467 A2, EP0010722 A1, DE4217952 A1, DE2847285 A1, DE2451049 A1, DE2446543 A1,

0) US5135541A – FLAME RETARDANT TREATMENT OF CELLULOSE FABRIC W...

33) Family number: 30654012 (US5135541A) © PatBase

Title: Flame retardant treatment of cellulose fabric with crease recovery: tetra–kis–hydroxy–methyl phosphonium and methylolamide

Priority:

CA19870549108	19871013	GB19860024535	19861013	US19870107785	19871013
GB19870001073	19870119	GB19870001074	19870119	HU19880001813	19880411
US19880289487	19881221	US19890453010	19891220	US19910640529	19910111
US19870107787	19871013	US19880256077	19880929	US19890379657	19890711
US19900518224	19900503				

Family:

Publication number	Publication date	Application number	Application date
AT131552 E	19951215	AT19870309004T	19871012
AU198779706 A1	19880414	AU19870079706	19871013
AU593948 B2	19900222	AU19870079706	19871013
BRPI8705463 A	19880524	BR1987PI05463	19871013
CA1340098 A1	19981027	CA19870549108	19871013
CN87107734 A	19880504	CN19871007734	19871013
CS274616 B2	19910915	CS19870007382	19871013
CS8707382 A2	19910312	CS19870007382	19871013
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DE3751634 T2	19960530	DE19873751634T	19871012
DK171776 B1	19970520	DK19870005316	19871012
DK531687 A	19880414	DK19870005316	19871012
DK531687 A0	19871012	DK19870005316	19871012
EP0268368 A2	19880525	EP19870309004	19871012

EP0268368 A3	19910424	EP19870309004	19871012
EP0268368 B1	19951213	EP19870309004	19871012
ES2083355 T3	19960416	ES19870309004T	19871012
FI874512 A	19880414	FI19870004512	19871013
FI874512 A0	19871013	FI19870004512	19871013
FI94154 B	19950413	FI19870004512	19871013
FI94154 C	19950725	FI19870004512	19871013
GB2196997 A1	19880511	GB19870023928	19871012
GB2196997 B2	19910109	GB19870023928	19871012
GB2200148 A1	19880727	GB19870023930	19871012
GB2200148 B2	19901219	GB19870023930	19871012
GB8624535 A0	19861119	GB19860024535	19861013
GB8701073 A0	19870218	GB19870001073	19870119
GB8701074 A0	19870218	GB19870001074	19870119
GB8723928 A0	19871118	GB19870023928	19871012
GB8723930 A0	19871118	GB19870023930	19871012
GR3018982 T3	19960531	GR19960400383T	19960214
HU204311 B	19911230	HU19880001813Q	19880411
HU49918 A2	19891128	HU19880001813	19880411
IE60401 B	19940713	IE19870002723	19871012
IE872723 L	19880413	IE19870002723	19871012
IN172086 A	19930327	IN1987DE00892	19871013
JP2804758 B2	19980930	JP19870256440	19871013
JP63120172 A2	19880524	JP19870256440	19871013
KR940011788 B1	19941226	KR19870011342	19871013
LV11199 A	19960420	LV19930001078	19930922
LV11199 B	19960620	LV19930001078	19930922
NO179374 B	19960617	NO19870004248	19871012
NO179374 C	19960925	NO19870004248	19871012
NO874248 A	19880414	NO19870004248	19871012
NO874248 A0	19871012	NO19870004248	19871012
PL160296 B1	19930226	PL19870268170	19871012
PL268170 A1	19880818	PL19870268170	19871012
PT85902 A	19871101	PT19870085902	19871012
PT85902 B	19900831	PT19870085902	19871012
RU2041301 C1	19950809	SU19874203560	19871012
SG45462 A1	19980116	SG19960009549	19871012
US5135541 A	19920804	US19900587635	19900921
US5139531 A	19920818	US19910640529	19910111
ZA8707654 A	19880525	ZA19870007654	19871012

Probable Assignee: ALBRIGHT AND WILSON UK LTD

Assignee(s):[(std)]**:** ALBRIGHT AND WILSON LTD GB ; ALBRIGHT AND WILSON LTD ; ALBRIGHT AND WILSON LIMITED GB ; ALBRIGHT AND WILSON UK LTD ; OLBRAJT END VILSON LIMITED ; ALBRIGHT AND WILSON UK LIMITED ; ALBRIGHT AND WILSON

Assignee(s): ALBRIGHT AND WILSON LIMITED ; ALBRIGHT AND WILSON UK LTD OLDBURY WARLEY WEST MID ; ALBRIGHT ET WILSON LTD GB ; ALBRIGHT AND WILSON UK LTD OLDBURY WARLEY WEST MIDLANDS GB ; COLE ROBERT ; HAND GEOFFREY

Inventor(s):[(std)]**:** ROBERT KOUL ; ROBERT COLE ; ROBAATO KOORU ; JIEFURII HANDO ; HAND GEOFFREY GB ; HAND GEOFFREY ; GEOFFREY HAND ; DZHEFFRI KHEND ; COLE ROBERT GB ; COLE ROBERT

Inventor(s):

COLE ROBERT SEDGLEY DUDLEY DY3 3TP GB ; HAND GEOFFREY HALESOWEN WEST MIDLANDS B69 4LN GB

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): D06M13/02 D06M13/244 D06M13/282 D06M13/288 D06M13/322 D06M13/402 D06M13/419 D06M13/48 D06M15/43 D06M15/431 D06M15/598 D06M15/673 (Advanced/Invention); D06M101/00 D06M101/02 D06M101/06 D06M101/08 D06M101/16 D06M101/30 D06M101/32 (Advanced/Non–invention); D06M13/00 D06M15/37 (Core/Invention); D06B D06M (Subclass/Invention)

International class (IPC 1–7): C07F9/54 D06B D06M1/00 D06M1/22 D06M101/06 D06M13/00 D06M13/28 D06M13/282 D06M13/288 D06M13/30 D06M13/322 D06M13/34 D06M13/40 D06M13/402 D06M13/419 D06M13/48 D06M13/54 D06M15/00 D06M15/29 D06M15/43 D06M15/431 D06M15/598 D06M15/673 D06M15/72

CPC: D06M15/43

European class: D06M15/43

US class: 427/341 427/342 8/116.1 8/127.1 8/184 8/185 8/195

Classification Explorer

Cited documents: US4494951 A, US4483689 A, US4451262 A, US4156747 A, US4145463 A, US4078101 A, US4068026 A, US3421923 A, US2983623 A, US2668096 A, JP51123399 A2, JP49047698 A2, JP48067597 A2, GB1390233 A, GB1065547 A, GB1061134 A, EP0207585 A1, AU1732388 A1,

0) US3418196A – METHOD OF SEALING MATERIALS TOGETHER BY A RUBBI...

34) Family number: 724624 (US3418196A) © PatBase

Title: METHOD OF SEALING MATERIALS TOGETHER BY A RUBBING TREATMENT AND ARTICLES PRODUCED THEREBY

Priority:

CH19710003382	19710308	DE19702029561	19700616	GB19630007326	19630222
GB19630025265	19630625	DE19712102020	19710116	FR19710008140	19710309
GB19660039153	19660901	US19690830831	19690606	US19720276301	19720731
GB19630039675	19631008	GB19710006344	19710309	US19690830831	19690605
NL19710003140	19710309				

Family:

Publication number	Publication date	Application number	Application date
AT304060 B	19721227	AT19640001455	19640220
CA933740 A1	19730918	CA19720136440	19720307
CH460598 A	19680731	CH19640002240	19640221
CH528989 A	19721015	CH19710003382	19710308
CH553773 A	19740913	CH19710007399	19710519
CH555723 A	19741115	CH19720003420	19720308
DE1571045 A1	19701022	DE1964L047035	19640213
DE1571045 B2	19780202	DE1964L047035	19640213
DE1571045 C3	19781012	DE1964L047035	19640213
DE2029561 A1	19711223	DE19702029561	19700616
DE2029561 B2	19770908	DE19702029561	19700616
DE2029561 C3	19780608	DE19702029561	19700616
DE2102020 A1	19720921	DE19712102020	19710116
DE2210855 A1	19720914	DE19722210855	19720307
DE2210855 C2	19891214	DE19722210855	19720307

DE2210855 C3	19891214	DE19722210855	19720307
FR1584952 A	19700109	FR19640964598	19640221
FR2095630 A5	19720211	FR19710018826	19710525
FR2128169 A2	19721020	FR19710008140	19710309
FR2128169 B2	19750117	FR19710008140	19710309
FR2128733 A1	19721020	FR19720008037	19720308
FR2128733 B1	19770715	FR19720008037	19720308
GB1080442 A	19670823	GB19630007326	19630222
GB1224891 A	19710310	GB19660039153	19660901
GB1385473 A	19750226	GB19710006344	19710309
JP60033587 B4	19850803	JP19720024367	19720309
NL171420 B	19821101	NL19720003013	19720307
NL171420 C	19830405	NL19720003013	19720307
NL7103140 A	19720912	NL19710003140	19710309
NL7108140 A	19711220	NL19710008140	19710614
NL7203013 A	19720912	NL19720003013	19720307
NO127353 B	19730612	NO19640152092	19640220
SE338850 B	19710920	SE19640002094	19640220
SE411857 B	19800211	SE19720002902	19720307
SE411857 C	19800529	SE19720002902	19720307
US3418196 A	19681224	US19640345561	19640218
US3831262 A	19740827	US19720231703	19720303
US4144110 A	19790313	US19720276301	19720731

Probable Assignee: BASF AG

Assignee(s):(std)**:** LUC J ; HOLT PENELOPE JANE VESEY ; JANE LUC STRASBOURG FR ; HOLT PENELOPE ; PENELOPE JANE VESEY LUC ; LUC PENELOPE JANE VESEY ; LUC JANE ; LUC P ; LUC NEE HOLT PENELOPE JANE VES ; PIRELLI GENERAL PLC LONDON GB ; PENEROOPU JEEN BESHII RATSUKU ; PENELOPE JANE VESEY LUC TE PARIJS ; BASF AG

Assignee(s): BASF AG 6700 LUDWIGSHAFEN ; HOLT CHRISTOPHER RO ; JANE LUC ; BADISCHE ANILIN AND SODA FABRIK AG ; BADISCHE ANILIN SODA FAB ; BASF 6700 LUDWIGSHAFEN AG ; VESEY LUC PENELOPE JANE ; PENELOPE J V LUC ; LUC JANE STRASSBURG BAS RHIN FRANKREICH ; VESEY HOLT PENELOPE ; PIRELLI GENERAL PLC ; PIRELLI GENERAL PLC A PUBLIC CO LTD ; LUC NEE HOLT PENELOPE JANE VESEY ; LUC TECHNOLOGIES LTD ; ZIEGLER PAUL O 48 HIGH ST LYMINGTON HAMPSHIRE (EXE ; ZIEGLER PAUL O 48 HIGH ST LYMINGTON HAMPSHIRE (EXECUTOR) ; ZIEGLER PAUL O 48 HIGH ST LYMINGTON HAMPSHIRE EXECUTOR ; ZIEGLER PAUL O ; LUC P J V ; LUC P FR ; LUC TECHNOLOGIES LTD LONDON GB ; HOLT PENELOPE FR ; JANE LUC STRASBOURG ; HOLT CHRISTOPHER RO (EXECUTOR) ; HOLT CHRISTOPHER RO EXECUTOR

Inventor(s):(std)**:** HOFFMANN WERNER DR ; JANE LUC ; JANE LUC STRASBOURG ; JANE VESEY LUC PENELOPE ; LUC GEB HOLT ; LUC GEB HOLT PENELOPE JANE VESEY PARIS FR ; LUC J ; LUC JANE ; LUC PENELOPE J V ; LUC PENELOPE JANE VESEY ; MUELLER ERNST DR ; PENELOPE JANE VESEY LUC ; PENEROOPU JEEN BESHII RATSUKU ; SOK ; LUC P

Inventor(s): LUC P FR ; VESEY LUC PENELOPE JANE ; PENELOPE J V LUC ; LUC JANE STRASSBURG BAS RHIN FRANKREICH ; JANE LUC STRASBOURG FR

International class (IPC 8–9): B23K20/04 B23K20/12 B29C59/02 B29C65/00 B29C65/02 B29C65/06 B29C65/48 B32B27/00 B65B51/22 C07C403/00 C08J5/12 C09J5/02 (Advanced/Invention); B29C65/00 B29C65/04 B29C65/08 (Advanced/Non–invention); B23K20/04 B23K20/12 B29C59/02 B29C65/02 B29C65/06 B29C65/48 B32B27/00 B65B51/22 C09J5/02 (Core/Invention); B29C65/00 B29C65/04 B29C65/08 (Core/Non–invention)

International class (IPC 1–7): B05D1/34 B05D7/26 B23K19/00 B23K19/02 B23K19/04 B23K20/00 B23K20/10 B23K20/12 B23K21/00 B23K27/00 B29C17/02 B29C25/00 B29C27/00 B29C27/08 B29D3/00 B29D7/20 B29D9/00 B29D9/02 B29D9/04 B32B15/00 B32B31/16 B32B31/22 B32B7/00 B32B7/04 B44C B44D5/04 B65B51/22 C07C175/00 C07C49/61 C08J1/36

C08J5/12 C09D5/02 C09J5/00 C09J5/02

CPC: B29C65/7847 B29C66/81417 B29C66/81422 B29C66/81423 B29C66/81419 B29C66/81427 B29C66/81431 B29C66/81435 B23K20/122 B29C66/727 B29C66/729 B29C66/742 B29C66/7485 B29C66/7486 B29C66/7487 B29C66/83411 B29K2001/00 B29K2001/12 B29K2023/06 B29K2023/065 B29K2023/12 B29K2025/00 B29K2027/00 B29K2027/06 B29K2027/08 B29K2027/12 B29K2027/18 B29K2033/08 B29K2033/12 B29K2033/20 B29K2061/04 B29K2061/20 B29K2067/00 B29K2075/00 B29K2077/00 B29K2105/04 B29K2313/00 B29K2995/002 Y10T156/1023 Y10T156/1054 Y10T428/24826 B29C66/83413 B29C66/83417 B29C66/83421 B29C66/83521 Y10T428/31 B29C66/712 B29C66/939 B23K20/04 B29C59/02 B29C65/48 B32B27/00 B65B51/222 Y10T428/8305 Y10T428/31681 Y10T428/31909 B29C65/02 B29C65/0681 B29C66/7212 B29C66/4312 B29C66/4322 B29C66/8322 B29C66/431 B29C66/8362 B29C66/73754 B29C66/73921 B29C66/73941 B29C66/7392 B29C66/8122 B29C66/45 B29C66/81871 B29C66/022 B29C66/0242 B29C65/04 B29C65/08 B29C66/21 B29C66/43 C07C403/16 C09J5/02 B29C66/71 B29C66/0222 B29C66/0244 B29C66/026 B29C66/028 B29C65/5057 B29C66/8161 B29C66/8491 B29C66/1142 C07C2601/16 B29C66/8242 B29C66/72321 B29C66/72326 B29C66/72328 B29C66/1122

European class: B23K20/04 B23K20/12E B29C59/02 B29C65/02 B29C65/06C B29C65/48 B29C66/0244 B29C66/1122 B29C66/43 B29C66/71 B29C66/727 B29C66/729 B29C66/742 B29C66/7485 B29C66/7486 B29C66/7487 B29C66/83411 B32B27/00 B65B51/22B C07C403/16 C09J5/02 L29C65/04 L29C65/08 L29C66/0244 L29C66/1142 L29C66/21 L29C66/43 L29K1/00 L29K1/12 L29K105/04 L29K23/06 L29K23/06B9 L29K23/12 L29K25/00 L29K27/00 L29K27/06 L29K27/08 L29K27/12 L29K27/18 L29K313/00 L29K33/08 L29K33/12 L29K33/20 L29K61/04 L29K61/20 L29K67/00 L29K75/00 L29K77/00 L29K995/00E2 M07C101/16

US class: 156/209 156/244.18 156/244.27 156/247 156/251 156/580 156/73.1 156/73.5 161/38 228/1.1 228/110.1 228/112.1 29/47.0.1 428/198 428/409 428/458 428/515 428/543

Classification Explorer

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0) US4033270A – AGRICULTURAL SOIL CHEMICAL INCORPORATOR

35) Family number: 1412865 (US4033270A)

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Title: Agricultural soil chemical incorporator

Priority: US19750578485 19750519 US19800132248 19800320

Family:

Publication number	Publication date	Application number	Application date
AU198167272 A1	19810924	AU19810067272	19810213
BE887700 A	19810826	BE19810203940	19810226
BE887700 A1	19810826	BE19810203940	19810226
BR8101427 A	19810922	BR19810001427	19810311
DD157539 A5	19821117	DD19810228489	19810320
DE3110760 A1	19820128	DE19813110760	19810319
ES500447 A0	19820901	ES19810500447	19810317
ES8206989 A1	19821201	ES19810500447	19810317
FR2478488 A1	19810925	FR19810003417	19810220
GB2072700 A1	19811007	GB19810003870	19810209
JP56133394 A2	19811019	JP19810024386	19810223
OA6772 A	19820630	OA19810057358	19810320
PL229767 A1	19811113	PL19810229767	19810219

US4033270 A	19770705	US19750578485	19750519	
US4340467 A	19820720	US19800132248	19800320	
ZA8100887 A	19820331	ZA19810000887	19810210	

Probable Assignee: AMERICAN CYANAMID CO

Assignee(s):(std)**:** AMERICAN CYANAMID CO ; AMERICAN CYANAMID CO US ; BEZZERIDES PAUL A ; BEZZERIDES ROBERT A ; VRADENBURG DAVE W

Assignee(s): AMERICAN CYANAMID COMPANY ; AMERICAN CYANAMID CORP ; AMERICAN CYANAMID CY

Inventor(s):(std)**:** MAIKERU JIYOSEFU SUKANRON ; MAIKERU JOSEFU SUKANRON ; MJ SCANLON ; SAMIYUERU SHIYANNNINGU WANGU ; SAMYUERU SHANNNINGU WANGU ; SCANLON M ; SCANLON MICHAEL J ; BEZZERIDES PAUL A ; BEZZERIDES ROBERT A ; SCANLON MICHAEL JOSEPH ; SHAN NING WANG S ; SOANLON M ; SS N WANG ; VRADENBURG DAVE W ; WANG S ; WANG SAMUEL S ; WANG SAMUEL SHAN NING ; WANG S S N ; SCANLON M J

Inventor(s): S S N WANG ; M J SCANLON ; WANG SAMUEL S US ; SHAN NING WANG SAMUEL ; JOSEPH SCANLON MICHAEL ; SCANLON MICHAEL J US ; SAMUEL SHAN NING WANG ET MICHAEL JOSEPH SCANLON

International class (IPC 8–9): A01B35/16 A01C23/02 A01M21/04 B03D1/004 B03D1/006 B03D1/02 C10L10/18 C10L9/00 (Advanced/Invention) ; C10L9/00 (Advanced/Non–invention) ; A01B35/00 A01C23/00 A01M21/00 B03D1/00 B03D1/004 C10L10/00 C10L9/00 (Core/Invention)

International class (IPC 1–7): A01B35/16 A01C23/00 B01F17/34 B03D1/00 B03D1/02 C10L9/00 C11D1/06 C11D1/14 C11D1/72 C11D1/825

CPC: A01B35/16 A01C23/027 A01M21/043 B03D1/008 B03D2201/02 B03D2201/04 B03D2203/08 B03D1/02 B03D1/006

European class: A01B35/16 A01C23/02D A01M21/04B B03D1/004 B03D1/006 B03D1/02

US class: 111/118 111/130 111/6 172/540 172/555 172/574 172/595 209/166

Classification Explorer

Cited documents: US510266 A, US4212784 A, US4162966 A, US4147681 A, US3997492 A, US3734873 A, US3624018 A, US3284393 A, US3194194 A, US2729929 A, US2691933 A, US2420437 A, US2352963 A, US2336848 A, US2335156 A, US2112362 A, US1844255 A, US1225233 A, US1171960 A, SU121385 T, GB780021 A, GB1090048 A, CH249297 A,

0) US4210732A – PHENOLIC RESINS WITH IMPROVED LOW TEMPERATURE P...

36) Family number: 26453575 (US4210732A)

© PatBase

Title: Phenolic resins with improved low temperature processing stability

Priority:

CA19790327239	19790509	US19780915335	19780613	US19790030037	19790413
US19790108080	19791227	US19790029946	19790413	US19790030038	19790413
US19790108081	19791228	US19790108082	19791228		

Family:

Publication number	Publication date	Application number	Application date
BE876912 A	19791211	BE19790195690	19790611
BE876912 A1	19791211	BE19790195690	19790611
CA1149096 A1	19830628	CA19790327239	19790509
DE2923951 A1	19800103	DE19792923951	19790613
DK244479 A	19791214	DK19790002444	19790612
FR2428659 A1	19800111	FR19790014861	19790611
FR2428659 B1	19840525	FR19790014861	19790611

GB2024833 A1	19800116	GB19790019670	19790606
GB2024833 B2	19820922	GB19790019670	19790606
IT1121565 A	19860402	IT19790023281	19790605
IT7923281 A0	19790605	IT19790023281	19790605
JP54163995 A2	19791227	JP19790074540	19790613
NL7904612 A	19791217	NL19790004612	19790612
US4210732 A	19800701	US19790030037	19790413
US4239869 A	19801216	US19790029946	19790413
US4241201 A	19801223	US19790030038	19790413
US4263248 A	19810421	US19790108081	19791228
US4264557 A	19810428	US19790108080	19791227
US4267141 A	19810512	US19790108082	19791228

Probable Assignee: OCCIDENTAL CHEMICAL CORP

Assignee(s):(std)**:** HOOKER CHEM AND PLASTICS CORP ; HOOKER CHEM PLASTICS CORP ; HOOKER CHEMICALS PLASTICS CORP ; OCCIDENTAL CHEM CO ; OCCIDENTAL CHEMICAL CORP ; HOOKER CHEMICALS AND PLASTICS TE NIAGA CORP

Assignee(s): HOOKER CHEMICALS AND PLASTICS TE NIAGARA FALLS NEW YORK VER ST V AM CORP ; HOOKER CHEMICALS AND PLASTICS CORP ; FIGGIE INT INC 1000 VIRGINIA CENTER PARKWAY RICHMO ; FIRST NATIONAL BANK OF BOSTON COLLATERAL AGENT A N ; ANNIS MYRON C ; FIGGIE INT ; FIGGIE INT INC ; FIRST NATIONAL BANK OF BOSTON COLLATERAL AGENT AS

Inventor(s):(std)**:** ANNIS M ; ANNIS M C ; ANNIS MYRON C ; MAIRON SHII ANISU

Inventor(s): C ANNIS MYRON

International class (IPC 8–9)**:** B29C45/00 C08G61/06 C08G8/00 C08G8/04 C08G8/20 C08G8/24 C08G8/26 C08L61/00 C08L61/04 C08L61/06 C08L61/10 (Advanced/Invention); C08G61/00 C08G8/00 C08L61/00 (Core/Invention)

International class (IPC 1–7)**:** B29F1/00 B29G3/00 C08G8/00 C08G8/04 C08G8/10 C08G8/20 C08G8/24 C08G8/26 C08G8/28 C08L61/06 C08L61/10 C08L61/12 C08L61/30 F04B39/10 F04B49/02

CPC: C08L61/06 B29C45/0001 C08G8/00 C08G8/04 C08G8/24 C08G61/06

European class: B29C45/00B C08G61/06 C08G8/00 C08G8/04 C08G8/24 C08L61/06

US class: 264/328.1 264/328.2 264/331.22 425/543 525/501 525/503 528/127 528/129 528/137 528/143 528/153 528/155 528/165

Classification Explorer

Cited documents: US3988386 A, US3963652 A, US3959433 A, US3687896 A, US3390128 A, US2854415 A, US2816085 A, US2464207 A, FR2279782 A1, DE2657325 A1, DE2365834 A1, CA484657 A,

0) US3460311A – METHOD OF SECURING CAPS TO CONTAINERS

37) Family number: 22983671 (US3460311A)

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Title: METHOD OF SECURING CAPS TO CONTAINERS

Priority:

	19511103	NL19650016846	19651223	NL19656516846	19651223
US19640420918	19641224	US19650473987	19650722		

Family:

Publication number	Publication date	Application number	Application date
AT291808 B	19710726	AT19650011564	19651222
AU6709265 A1	19670525	AU19650067092	19651125
BE515238 A	00000000		00000000
BE673553 A	19660401		19651210
CH429483 A	19670131	CH19650017288	19651215
DE1482607 A1	19690410	DE19651482607	19651222
DK122652 B	19720327	DK19650006580	19651222
ES321119 A1	19660901	ES19650321119	19651223
FI46944 B	19730502	FI19650002985	19651213
FI46944 C	19730810	FI19650002985	19651213
FR1065812 A	19540531		19521031
GB1079120 A	19670816	GB19650052308	19651209
MY6900135 A	19691231	MY19690000135	19691231
NL154986 B	19771115	NL19650016846	19651223
NL165126 B	19801015	NL19770013381	19771202
NL165126 C	19810316	NL19770013381	19771202
NL6516846 A	19660627	NL19650016846	19651223
NL7713381 A	19780331	NL19770013381	19771202
NO120105 B	19700824	NO19650160918	19651215
SE302896 B	19680805	SE19650016756	19651223
US3332211 A	19670725	US19640420918	19641224
US3460311 A	19690812	US19650473987	19650722

Probable Assignee: AMERICAN FLANGE AND MFG

Assignee(s):(std)**:** AMERICAN FLANGE AND MANUFACTURING CO INC NEW YORK ; AMERICAN FLANGE AND MANUFACTURING CO INC TE NEW YO ; AMERICAN FLANGE AND MFG ; PHILIPS NV

Assignee(s): AMERICAN FLANGE AND MFG CO INC NEW YORK ; AMERICAN FLANGE AND MFG CO INC ; AMERICAN FLANGE AND MANUFACTURING CO INC TE NEW YORK ; AMERICAN FLANGE AND MFG CO INC TE NEW YORK ; AMERICAN FLANGE AND MFG COINC ; N V PHILIPS GLOEILAMPENFABRIEKEN ; AMERICAN FLANGE AND MANUFACTURING CO INC NEW YORK US ; AMERICAN FLANGE AND MANUFACTURING CO INC

Inventor(s):(std)**:** STANLEY JOSEPH KOLL NEW JERSEY ; ROCUS JOHN M ; ROCUS J ; JOHN MROCUS ILLINOIS ; JOHN MICHAEL ROCUS ; STANLEY JOSEPH KOLL ; JOHN M ROCUS ; ROCUS ; KOLL STANLEY J ; KOLL S ; KOLL

Inventor(s): JOSEPH KOLL STANLEY ; KOLL STANLEY JOSEPH ; JOHN M ROCUS ILLINOIS US ; JOHN M ROCUS ILLINOIS ; STANLEY JOSEPH KOLL AND JOHN MICHEAL ROCOS ; MICHAEL ROCUS JOHN ; STANLEY J KOLL

International class (IPC 8–9)**:** B65B7/28 B67B3/14 H03D7/08 (Advanced/Invention); B67C7/00 (Advanced/Non–invention); B65B7/28 B67B3/00 H03D7/00 (Core/Invention); B67C7/00 (Core/Non–invention)

International class (IPC 1–7)**:** B67B3/00 B67B3/02 B67B3/062 B67B3/14

CPC: B65B7/28 B67B3/14 B67C2007/0066 H03D7/08

European class: 64B23D2B B65B7/28 B67B3/00B B67B3/14 H03D7/08 L67C7/00B200

US class: 53/353 53/488

Classification Explorer

Cited documents: US3075331 A, US2579775 A, US2355385 A, US2325160 A, US2112842 A, US1672278 A,

38) Family number: 1261483 (US3994771A) © PatBase

Title: PROCESS FOR FORMING A LAYERED PAPER WEB HAVING IMPROVED BULK, TACTILE IMPRESSION AND ABSORBENCY AND PAPER THEREOF

Priority: DK19760002373 19760528 DK19810002639 19810616 US19750582521 19750530

Family:

Publication number	Publication date	Application number	Application date
AT367351 B	19820625	AT19760003920	19760528
AT392076 A	19811115	AT19760003920	19760528
AU197613904 A1	19771117	AU19760013904	19760513
AU509230 B2	19800501	AU19760013904	19760513
BE842308 A	19761129	BE19760167402	19760528
BE842308 A1	19761129	BE19760167402	19760528
CA1052158 A1	19790410	CA19760251213	19760427
CH615719 A	19800215	CH19760006730	19760528
DE2623905 A1	19761209	DE19762623905	19760528
DE2623905 B2	19790809	DE19762623905	19760528
DE2623905 C3	19800410	DE19762623905	19760528
DK147543 B	19840924	DK19760002373	19760528
DK147543 C	19850311	DK19760002373	19760528
DK147890 B	19850102	DK19810002639	19810616
DK147890 C	19850826	DK19810002639	19810616
DK237376 A	19761201	DK19760002373	19760528
DK263981 A	19810616	DK19810002639	19810616
ES448308 A1	19771201	ES19760448308	19760528
FI57991 B	19800731	FI19760001521	19760528
FI57991 C	19801110	FI19760001521	19760528
FI761521 A	19761201	FI19760001521	19760528
FR2312600 A1	19761224	FR19760016259	19760528
FR2312600 B1	19790713	FR19760016259	19760528
GB1543346 A	19790404	GB19760021874	19760526
IE43844 B	19810617	IE19760000913	19760429
IE43844 L	19761130	IE19760000913	19760429
IT1067532 A	19850316	IT19760023757	19760528
JP52021405 A2	19770218	JP19760063459	19760531
LU75050 A	19770215	LU19760075050	19760528
NL186461 B	19900702	NL19760005733	19760528
NL186461 C	19901203	NL19760005733	19760528
NL7605733 A	19761202	NL19760005733	19760528
SE428941 B	19830801	SE19760005986	19760526
SE428941 C	19831110	SE19760005986	19760526
SE7605986 A	19761201	SE19760005986	19760526
SE7605986 L	19761201	SE19760005986	19760526
US3994771 A	19761130	US19750582521	19750530

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI OHIO V ST A ; PROCTER AND GAMBLE CO TE CINCINNATI OHIO VER ST V AM ; PROCTER

AND GAMBLE CO TE CINCINNATI OHIO VERSTVAM ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CY ; THE PROCTER AND GAMBLE CO ; PROCTER GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY TE CINCINNATI OHIO ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO V ST A ; THE PROCTER AND GAMBLE COMPANY TE CINCINNATI OHIO VER ST V AM ; RICH THOMAS F ; PROCTER GAMBLE CO ; MORGAN GEORGE ; PROCTER AND CAMBLE CO

Inventor(s):(std)**:** MORGAN G JR ; MORGAN GEORGE JR ; MORGAN JR G ; RICH T F ; RICH THOMAS FLOYD ; TOOMASU FUROIDO RITSUCHI ; MORGAN JUN GEORGE ; MORGAN G ; JIYOOJI MOOGAN JIYUNIA ; RICH THOMAS F ; MORGAN JR GEORGE ; MORGAN GEORGE

Inventor(s): GEORGE MORGAN ; GEORGE MORGAN JR ; G MORGAN JR ; THOMAS FLOYD RICH ; T F RICH ; TF RICH ; MORGAN JUN ; MORGAN G JR ANDRICH T F ; FLOYD RICH THOMAS ; JUN ; JUN GEORGE MORGAN

International class (IPC 8–9)**:** D21F11/00 D21F11/04 D21H27/00 (Advanced/Invention); D21H27/00 (Advanced/Non–invention); D21F11/00 D21H27/00 (Core/Invention); D21F (Subclass/Invention)

International class (IPC 1–7)**:** B31D1/04 B31F1/12 B32B21/06 B32B31/14 D21F11/02 D21F11/04 D21F11/06 D21F11/14 D21H1/02 D21H1/06 D21H5/02 D21H5/14 D21H5/18 D21H5/24 E04B1/18

CPC: Y10T428/24463 Y10T428/24661 Y10T428/24678 Y10T428/24711 Y10T428/24727 D21F11/006 D21F11/04

European class: D21F11/00E D21F11/04

US class: 162/113 162/123 162/132 428/154 428/178 428/180 428/184 428/186

Classification Explorer

Cited documents: US3905863 A, US3879257 A, US3812000 A, US3778341 A, US3424643 A, US3301746 A, US2996424 A, US2908733 A, US2881669 A, US2018382 A, US1969938 A, GB1117731 A, DE2528311 A1,

0) US3332830A – ASPHALTIC WEATHERING SHEET INCLUDING CONTINUOUS...

39) Family number: 27805 (US3332830A) © PatBase

Title: ASPHALTIC WEATHERING SHEET INCLUDING CONTINUOUS GLASS FIBERS

Priority: FR19640972708 19640428 US19630276369 19630429

Family:

Publication number	Publication date	Application number	Application date
BE647158 A	19640817		19640427
DE1469556 A1	19690327	DE19641469556	19640429
DK124273 B	19721002	DK19640002073	19640425
FR1395194 A	19650409	FR19640972708	19640428
GB1060688 A	19670308	GB19640017782	19640429
LU45985 A	19640629		19640428
NL6404611 A	19641030	NL19640004611	19640427
NO115312 B	19680916	NO19640152998	19640425
US3332830 A	19670725	US19630276369	19630429

Probable Assignee: OWENS CORNING FIBERGLASS CORP

Assignee(s):(std)**:** OWENS CORNING FIBERGLASS CORP

Assignee(s): OWENS CORNING FIBERGLAS CORP

Inventor(s):(std)**:** A BERG JEAN ; A TOMLINSON JAMES ; BERG JEAN A ; G HAYES JOHN ; BERG J ; HAYES J ; TOMLINSON JAMES A ; HAYES JOHN G ; TOMLINSON J

Inventor(s):	JEAN ALBERT BERG ; JAMES ATNILL TOMLINSON ; JOHN GEORGE HAYES
International class (IPC 8–9):	C08L95/00 D04H5/00 D21J1/00 E04D1/26 E04D5/02 (Advanced/Invention); C08L95/00 D04H5/00 D21J1/00 E04D1/00 E04D5/00 (Core/Invention)
International class (IPC 1–7):	B29D3/02 B41F17/10 D04H5/00 D06N5/00 E04B1/66 E04B1/94 E04C2/24 E04D1/26 E04D3/35 E04D5/02
CPC:	Y10T428/2476 E04D5/02 B32B11/10 C08L95/00 D06N5/00 D21J1/00 E04D1/26 E04D2001/005 D04H1/4209
European class:	B32B11/10 C08L95/00 D04H13/00B2 D06N5/00 D21J1/00 E04D1/26 E04D3/35 E04D5/02 P04D1/00G
US class:	428/190 52/559
Classification Explorer	
Cited documents:	US3231453 A, US3096196 A, US3095339 A, US2771387 A, US2731066 A, US2718479 A, US2667425 A, US2658000 A, US2555401 A,

0) FR1428648A – APPAREILS A ETIRER LES TOLES EQUIPMENT STRETCH...

40) Family number: 21271464 (FR1428648A) © PatBase

Title:	APPAREILS A ETIRER LES TOLES EQUIPMENT STRETCH THE SHEETS (Machine translation)
Priority:	FR19650005453 19650212

Family:

Publication number	Publication date	Application number	Application date
FR1428648 A	19660218	FR19650005453	19650212

Probable Assignee:	KAISER ALUMINIUM CHEM CORP
Assignee(s):(std):	KAISER ALUMINIUM CHEM CORP
Assignee(s):	KAISER ALUMINIUM AND CHEMICAL CORP
International class (IPC 8–9):	B21D25/00 (Advanced/Invention); B21D25/00 (Core/Invention)
International class (IPC 1–7):	B21D1/04
CPC:	B21D25/00
European class:	B21D25/00
Classification Explorer	

0) US4488836A – METHOD AND APPARATUS FOR EMBEDDING A PIPE IN A ...

41) Family number: 2004323 (US4488836A) © PatBase

Title:	Method and apparatus for embedding a pipe in a trench in weak ground
Priority:	FR19810019335 19811014

Family:

Publication number	Publication date	Application number	Application date
AU198289278 A1	19830421	AU19820089278	19821012
AU570619 B2	19880324	AU19820089278	19821012
BR8205969 A	19830913	BR19820005969	19821013
EP0077271 A1	19830420	EP19820401864	19821011
EP0077271 B1	19860312	EP19820401864	19821011
FR2514385 A1	19830415	FR19810019335	19811014
FR2514385 B1	19840113	FR19810019335	19811014
IN159111 A	19870328	IN1982DE00751	19821012
MX158263 A	19890118	MX19820194758	19821013
OA7228 A	19840430	OA19820057820	19821012
US4488836 A	19841218	US19820430758	19820930

Probable Assignee: COYNE BELLIER

Assignee(s):(std)**:** COUR FRANCIS R ; COYNE BELLIER ; GEODIA ; GEODIA S A

Inventor(s):(std)**:** COUR FRANCIS R ; COUR FRANCIS RAMOND ; COUR FRANCIS RAYMOND

Inventor(s): FRANCIS RAMOND COUR ; FRANCIS RAYMOND COUR

Designated states: GB IT NL

International class (IPC 8–9): E02D17/08 E02D29/09 E02F5/10 F16L1/16 (Advanced/Invention); E02D17/06 E02D29/00 E02F5/10 F16L1/12 (Core/Invention)

International class (IPC 1–7): E02D17/08 E02D29/00 E02D29/06 E02F5/10 F16L1/00 F16L1/04 F16L3/00

CPC: E02D17/08 E02D27/46 E02D29/06 E02F5/104 E02F5/109 F16L1/16

European class: E02D17/08 E02D27/46 E02D29/06 E02F5/10P E02F5/10P12 F16L1/16

US class: 405/156 405/157 405/159

Classification Explorer

Cited documents: US4348135 A, US4068488 A, US3699690 A, US2738745 A, SU855318 T, JP85000728 A2, GB2015115 A1, GB1235790 A, FR2369387 A1,

0) US3726106A – SELF–REFRIGERATING AND HEATING FOOD CONTAINERS ...

42) Family number: 7698570 (US3726106A)

© PatBase

Title: SELF–REFRIGERATING AND HEATING FOOD CONTAINERS AND METHOD FOR SAME

Priority: US19680737121 19680614 US19700001239 19700107 US19710202672 19711126

Family:

Publication number	Publication date	Application number	Application date
DE1929734 A1	19700205	DE19691929734	19690612
FR2011939 A1	19700313	FR19690019778	19690613
NL6909112 A	19691216	NL19690009112	19690613
US3726106 A	19730410	US19700001239	19700107
US3802056 A	19740409	US19710202672	19711126

Probable Assignee: CHANDLER RES INST

Assignee(s):(std)**:** CHANDLER RES INST ; JAEGER W ; LINCOLN HALL RESEARCH CY ; LINCOLN HALL RES COMPANY ; LINCOLN HALL RES CO

Assignee(s): LINCOLN HALL RESEARCH CO ; LINCOLN HALL RESEARCH COMPANY ; JAEGER W US ; CHANDLER RES INST US

Inventor(s):(std): J JAEGER WILBERT ; JAEGER W

Inventor(s): JAEGER W US

International class (IPC 8–9): A47J36/30 B21D51/26 B65D81/32 B65D81/34 F25D3/10 (Advanced/Invention); F25D31/00 (Advanced/Non–invention); A47J36/24 B21D51/26 B65D81/32 B65D81/34 F25D3/10 (Core/Invention); F25D31/00 (Core/Non–invention)

International class (IPC 1–7): A47J27/00 A47J36/30 A47J39/00 A47J47/10 B21D51/26 B23P17/00 F25D3/10 F25D7/00

CPC: A47J36/30 F25D31/007 B65D81/3484 B21D51/26 B65D81/3216 F25D3/107 F25D2331/805 Y10T29/49808

European class: A47J36/30 B21D51/26 B65D81/32C B65D81/34S F25D3/10C R25D31/00H2 R25D331/805

US class: 126/262 29/42.2 29/422 413/1 413/2 53/440 53/449 53/474 62/29.4 62/294 62/371 62/457.1 62/457.9

Classification Explorer

Cited documents: US450527 A, US3696633 A, US3417573 A, US3338067 A, US3320767 A, US3285033 A, US3205678 A, US2815152 A, US2622415 A, US2339763 A, US2338094 A, US2185799 A,

0) US3032943A – ASSEMBLY MACHINE

43) Family number: 22592326 (US3032943A) © PatBase

Title: ASSEMBLY MACHINE

Priority: US19600049259 19600812

Family:

Publication number	Publication date	Application number	Application date
DE1411477 A1	19681017	DE19611411477	19610608
GB998736 A	19650721	GB19610029096	19610811
US3032943 A	19620508	US19600049259	19600812

Probable Assignee: ILLINOIS TOOL WORKS

Assignee(s):(std): ILLINOIS TOOL WORKS ; REIMERS JAMES L ; SASS FRANK J

Assignee(s): ILLINOIS TOOL WORKS INC ; JLLINOIS TOOL WORKS INC

Inventor(s):(std): J SASS FRANK ; L REIMERS JAMES ; REIMERS JAMES L ; SASS FRANK J

International class (IPC 8–9): B65B17/02 (Advanced/Invention); B65B17/00 (Core/Invention)

International class (IPC 1–7): B65B17/02 B65B5/06

CPC: B65B17/025

European class: B65B17/02C

US class: 53/48.4 53/505 53/55 53/585

Classification Explorer

Cited documents: US2929181 A, US2874835 A, US2864212 A, US2756553 A, US2751730 A, US2685993 A, US2587953 A, US1967635 A, US1871771 A,

0) FR1393106A – PERFECTIONNEMENTS RELATIFS AUX STORES OU RIDEAU...

44) Family number: 21143045 (FR1393106A) © PatBase

Title: PERFECTIONNEMENTS RELATIFS AUX STORES OU RIDEAUX POUR FENETRES IMPROVEMENTS RELATING TO STORES AND CURTAINS FOR WINDOWS (Machine translation)

Priority: FR19640974297 19640513

Family:

Publication number	Publication date	Application number	Application date
FR1393106 A	19650319	FR19640974297	19640513

Probable Assignee: CLOPAY CORP

Assignee(s):(std)**:** CLOPAY CORP

International class (IPC 8–9): E06B9/44 (Advanced/Invention); E06B9/24 (Core/Invention)

CPC: E06B9/44 E06B2009/407 E06B2009/445

European class: E06B9/44 P06B9/40C P06B9/44F

Classification Explorer

0) US3264237A – MODIFICATION OF CIS–POLYBUTADIENE WITH A HYDROC...

45) Family number: 25640925 (US3264237A) © PatBase

Title: MODIFICATION OF CIS–POLYBUTADIENE WITH A HYDROCARBON OIL, A FATTY ACID AND A TACKIFIER

Priority: FR19610874329 19610927 US19600059072 19600928

Family:

Publication number	Publication date	Application number	Application date
AT246988 B	19660510	AT19610007322	19610928
BE608591 A	00000000		00000000
CH465851 A	19681130	CH19610011305	19610928
DE1470834 A1	19690213	DE19611470834	19610927
DK109702 C	19680610	DK19610003849	19610927
ES270775 A1	19620216	ES19610270775	19610927
FI41606 B	19690901	FI19610001691	19610927
FR1309881 A	19621123	FR19610874329	19610927
GB928427 A	19630612	GB19610032515	19610911
LU40653 A	19611128		19610928
NL127897 C	00000000		00000000
NL269559 A	00000000		00000000
SE320191 B	19700202	SE19610009588	19610927
US3264237 A	19660802	US19600059072	19600928

Probable Assignee: GOODRICH GULF CHEM INC

Assignee(s):(std)**:** GOODRICH GULF CHEM INC

Assignee(s): GOODRICH GULF CHEMICALS INC ; POLYSARINTERNATIONAL A CORP OF SWITZERLAND SA ; POLYSARINTERNATIONAL SA

Inventor(s):(std)**:** C GIPSON J ; DONALD VICTOR SARBACH ; ETTINGER R ; ETTINGER ROBERT J ; GIPSON J ; GIPSON J C ; HUGH MACEY JOSEPH ; J ETTINGER ROBERT ; JOSEPH HUGH MACEY ; LORAIN GIPSON J C ; MACEY J ; ROBERT J ETTINGER ; SARBACH D ; SARBACH DONALD V ; VICTOR SARBACH DONALD

Inventor(s): LORAIN GIPSON JC ; MACEY JOSEPH HUGH

International class (IPC 8–9):	C08K5/01 C08L9/00 (Advanced/Invention); C08K5/00 C08L9/00 (Core/Invention)
International class (IPC 1–7):	C08C11/22 C08C11/34 C08C11/68 C08D9/00 C08D9/10 C08K5/01 C08L9/00
CPC:	C08K5/01 C08L9/00
European class:	C08K5/01 C08L9/00
US class:	524/273 524/286 524/322 524/474 524/484 524/511 524/549 525/139 525/232 526/153
Classification Explorer	
Cited documents:	US3081276 A, US3004018 A, US2953556 A, US2935485 A, US2900357 A, US2784165 A, US2721185 A, US2698280 A, US2523926 A, US2360895 A, US2359354 A, US1942853 A, CA597053 A,

0) FR1540070A – DISPOSITIF DE COMMANDE DE VITESSE DE VEHICULE P...

46) Family number: 21815206 (FR1540070A) © PatBase

Title:	DISPOSITIF DE COMMANDE DE VITESSE DE VEHICULE PERFECTIONNE CONTROLLER VEHICLE SPEED IMPROVED (Machine translation)
Priority:	FR19670122519 19670927

Family:

Publication number	Publication date	Application number	Application date
FR1540070 A	19680920	FR19670122519	19670927

Probable Assignee:	DANA CORP
Assignee(s):(std):	DANA CORP
International class (IPC 8–9):	B60K26/00 B60K31/12 (Advanced/Invention); B60K26/00 B60K31/12 (Core/Invention)
International class (IPC 1–7):	B60K26/00 B60K31/00
CPC:	B60K26/00 B60K31/12
European class:	63C45C1 B60K26/00 B60K31/12
Classification Explorer	

0) US2013274870A – STENT VALVE, DELIVERY APPARATUS AND METHOD THER...

47) Family number: 50788667 (US2013274870A) © PatBase

Title:	STENT VALVE, DELIVERY APPARATUS AND METHOD THEREFOR

Priority:

AU20110300644	20110912	AU20150258284	20151120	EP20110004013	20110515
EP20100176281	20100910	EP20110006142	20110726	CN201180043375	20110912
EP20110166201	20110516	EP20110150544	20110111	EP20110150640	20110111
EP20110757835	20110912	EP20110760780	20110926	EP20120703462	20120111
EP20110300644	20110912	JP20130527635T	20110912	WO2011EP65744	20110912
US20110431710P	20110111	US20100386393P	20100924	WO2011EP66677	20110926
US20110825219	20110926	WO2012EP50371	20120111	US20120978612	20120111
JP20130529670T	20110926	US20130821476	20131003	US20160143166	20160429
JP20160085240	20160421	JP20160089112	20160427	US20130825219	20130702

US20160235977 20160812

Family:

Publication number	Publication date	Application number	Application date
AU2011300644 AA	20120315	AU20110300644	20110912
AU2011300644 BB	20150820	AU20110300644	20110912
AU2011306876 AA	20120329	AU20110306876	20110926
AU2011306876 BB	20150917	AU20110306876	20110926
AU2015258284 AA	20151210	AU20150258284	20151120
AU2015258284 BB	20170928	AU20150258284	20151120
BR112013005277 A2	20160517	BR20131105277	20110912
CA2808673 AA	20130219	CA20112808673	20110912
CA2810467 AA	20130305	CA20112810467	20110926
CN103108611 A	20130515	CN201180043375	20110912
CN103108611 B	20160831	CN201180043375	20110912
CN103118630 A	20130522	CN201180046105	20110926
CN103118630 B	20160504	CN201180046105	20110926
CN106073946 A	20161109	CN201610630091	20110912
DE602011028814 D1	20160915	DE201160028814T	20110926
EP2474287 A1	20120711	EP20110150640	20110111
EP2613737 A1	20130717	EP20110757835	20110912
EP2613737 B1	20171025	EP20110757835	20110912
EP2618779 A1	20130731	EP20110760780	20110926
EP2618779 B1	20160803	EP20110760780	20110926
EP2663259 A2	20131120	EP20120703462	20120111
EP3111889 A1	20170104	EP20160182354	20110926
ES2601832 T3	20170216	ES20110760780T	20110926
JP2013540467 T2	20131107	JP20130527635T	20110912
JP2013540495 T2	20131107	JP20130529670T	20110926
JP2016165493 A2	20160915	JP20160085240	20160421
JP2016172012 A2	20160929	JP20160089112	20160427
JP5926265 B2	20160525	JP20130529670T	20110926
JP5931880 B2	20160608	JP20130527635T	20110912
JP6227047 B2	20171108	JP20160085240	20160421
RU139021 U1	20140410	RU20130115893U	20110912
US2013274870 AA	20131017	US20110825219	20110926
US2014018915 AA	20140116	US20110821476	20110912
US2014200649 AA	20140717	US20120978612	20120111
US2016317298 AA	20161103	US20160143166	20160429
US2017035568 AA	20170209	US20160235977	20160812
US9333075 BB	20160510	US20110821476	20110912
US9414915 BB	20160816	US20110825219	20110926
WO12032187 A1	20120315	WO2011EP65744	20110912
WO12038550 A1	20120329	WO2011EP66677	20110926
WO12095455 A2	20120719	WO2012EP50371	20120111
WO12095455 A3	20140410	WO2012EP50371	20120111

Probable Assignee: SYMETIS SA

Assignee(s):(std)**:** BIADILLAH YOUSSEF ; DELALOYE STEPHANE ; ESSINGER JACQUES ; HEFTI JEAN LUC ; LOMBARDI FABIEN ; SYMETIS SA ; MANTANUS LUC ; PASSERINI REYNALD ; MALLABIABARRENA IKER ; PARIS MICHAEL

Inventor(s):(std)**:** PASSERINI REYNALD ; PARIS MICHAEL ; MANTANUS LUC ; MALLABIABARRENA IKER ; LOMBARDI FABIEN ; HEFTI JEAN LUC ; FABIEN LOMBARDI ; ESSINGER

JACQUES ; DELALOYE STEPHANE ; BIADILLAH YOUSSEF ; LUC MANTANUS ; YOUSSEF BIADILLAH

Inventor(s): STEPHANE DELALOYE ; JEAN LUC HEFTI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F2/24 A61F2/95 A61F2/966 (Advanced/Invention); A61F2/95 (Advanced/Non–invention)

CPC: A61F2/2439 A61F2002/9511 A61F2002/9665 A61F2220/0075 A61F2230/0013 A61F2/2418 A61F2002/9505 A61F2002/9517 A61F2230/0054 A61F2/97 A61F2/966 A61F2250/0018 A61F2/2436 A61F2/2427

European class: A61F2/24D6 K61F2/95D K61F2/95H

US class: 1/1 623/1.12 623/2.11 623/2.17 623/2.18

Classification Explorer

Cited documents: WO9415549 A1, WO200991509, WO200953497, WO12095455 A2, WO12038550 A1, WO12032187 A1, WO11051043 A1, WO10045297 A2, WO10045297, WO09149462 A2, WO09091509 A1, WO09053497 A1, WO09024859 A2, WO09002548 A1, WO08150529 A1, WO07071436 A2, WO07005799 A1, WO06124649 A3, WO05030093 A1, WO0205885 A2, WO0000107 A1, US8518098 BB, US7329278 BB, US5989280 A, US5807241 A, US5653749 A, US5571174 A, US5163955 A, US2014200649 AA, US2013274870 AA, US2011295363 AA, US2010185277 AA, US2010168834 AA, US2010100167 AA, US2010082094 AA, US2009240320 AA, US2009099653 AA, US2009099554 AA, US2008071361 AA, US20080071361, US2007233222 AA, US2007233222, US20070233222, US2006282157 AA, US2006259137 AA, US2006259136 AA, US2006025844 AA, US2005182483 AA, US2005113910 AA, US2004260389 AA, US2004127912 AA, US2003212447 AA, US2003163189 AA, US2002177894 AA, US2002032481 AA, JP3036835 B2, JP3036835 B2, JP2013521884 T2, JP2013521884, JP2011522634 T2, JP2011522634, JP2011509742 T2, JP2011509742, JP2011500241 T2, JP2011500241, JP2010528761 T2, JP2010528761 A2, JP2010528761, JP2009530070 T2, JP2009530070, JP2002519098 T2, EP2474287 A1, EP2205183 A1, EP2033593 A1, EP2033593,

DE202010007592 U1

CN1304298 A, CN101623217 A,

0) US3275679A – BIS(ISOCYANOTOALKYL OR PHENYL) TRANS–9, 10–DIHY...

48) Family number: 1014287 (US3275679A) © PatBase

Title: BIS(ISOCYANOTOALKYL OR PHENYL) TRANS–9, 10–DIHYDROANTHRACENE 9, 10–ENDO ALPHA, BETA–SUCCINATES

Priority:

FR19630942565	19630724	FR19650037714	19651108	US19620212480	19620725
US19630256495	19630125	US19640409921	19641109	US19650478400	19650809
US19680718090	19680402	US19650485285	19650907	US19680718094	19680402
US19680718080	19680402	US19690849596	19690807	US19690849299	19690807

Family:

Publication number	Publication date	Application number	Application date
BE635304 A	00000000		00000000
BE672010 A	19660316		19651108
DE1493298 A1	19690213	DE19631493298	19630725
DE1545124 A1	19700409	DE19631545124	19630725
DE1645562 A1	19700514	DE19651645562	19651109
DE1795449 A1	19720105	DE19651795449	19651109
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DE1795451 A1	19720127	DE19651795451	19651109
FR1370869 A	19640828	FR19630942565	19630724
FR1461729 A	19660225	FR19650037714	19651108
GB1056821 A	19670201	GB19630028846	19630722
GB1139551 A	19690108	GB19650047208	19651108
GB1139552 A	19690108	GB19680034456	19651108
GB1139553 A	19690108	GB19680034457	19651108
NL293726 A	00000000		00000000
NL295726 A	00000000		00000000
NL6514554 A	19660510	NL19650014554	19651109
US3275679 A	19660927	US19630256495	19630125
US3427346 A	19690211		19641109
US3505252 A	19700407	US19680718090	19680402
US3551475 A	19701229	US19650485285	19650907
US3553249 A	19710105		19650809
US3567695 A	19710302		19680402
US3579482 A	19710518		19680402
US3629200 A	19711221	US19690849596	19690807
US3677983 A	19720718	US19690849299	19690807

Probable Assignee: UNION CARBIDE CORP

Assignee(s):(std)**:** UNION CARBIDE CORP

Assignee(s): MORGAN GUARANTY TRUST CO ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BA ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BANK (DELAWARE) COLLATERAL (AGENTS) SEE RECORD FOR REMAINING ASSIGNEES AS ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BANK DELAWARE COLLATERAL AGENTS SEE RECORD FOR REMAINING ASSIGNEES AS

Inventor(s):(std)**:** KEMPER BROTHERTON THOMAS ; KNOPF ROBERT J ; LYNN JOHN W ; BROTHERTON THOMAS K ; JOHN KNOPF ROBERT ; VA ALBANS W ; WENDELL LYNN JOHN

Inventor(s): JOHN W LYNN ; ROBERT J KNOPF ; THOMAS K BROTHERTON ; ALBANS W VA

International class (IPC 8–9): B65D8/08 C07C263/10 C07C265/04 C07C265/10 C07C265/14 C07C265/16 C07D493/08 C08F2/38 C08F20/10 C08F20/36 C08F22/22 C08F222/10 C08F222/22 C08F8/30 C08G18/02 C08G18/04 C08G18/70 C08G18/72 C08G18/73 C08G18/75 C08G18/77 C08G18/80 C08G18/81 C08J9/04 C08L75/04 C09D175/00 C09J187/00 D06M15/564 (Advanced/Invention); B65D8/04 C07C263/00 C07C265/00 C07D493/00 C08F2/38 C08F20/00 C08F22/00 C08F222/00 C08F8/00 C08G18/00 C08J9/00 C08L75/00 C09D175/00 C09J187/00 D06M15/37 (Core/Invention)

International class (IPC 1–7): B65D8/08 C07C119/04 C07C119/042 C07C119/045 C07C119/048 C07C119/06 C07C69/74 C08F2/38 C08F20/10 C08F222/10 C08F222/22 C08F27/10 C08F8/30 C08G18/02 C08G18/04 C08G18/75 C08G18/77 C08G18/81 C08G22/18 C08G22/24 C08G22/26 C08G22/28 C08G22/44 C08J9/04 C08L75/04

CPC: Y10S528/905 Y10S528/906 C07D493/08 C08F22/22 C08G18/02 C08G18/04 C08G18/728 C08G18/75 C08G18/758 C08G18/771 C08G18/773 C08G18/8125 C08G18/8141 C08J9/04 D06M15/564 C07C265/04 C07C263/16

European class: 124BG5B4 124CA5N5D 124CA7 124CA7G 124CB7F1H 124CC1N10G4 124CF53/05HD3C9 124CF6HJ3C9 124CF6NJ5A3 124JA10 124JC3 C07C263/16 C07C265/00 C07D493/08 C08F2/00T C08F22/22 C08G18/02 C08G18/04 C08G18/72P C08G18/75 C08G18/75D C08G18/77D C08G18/77G C08G18/81D C08G18/81K C08J9/04 D06M15/564

US class: 106/252 106/264 106/265 156/307.3 156/331.4 156/331.7 252/3 260/2.5AT 260/468 260/485 260/75 521/127 521/130 521/137 521/144 521/145 521/147 521/148 521/149 521/150 521/155 521/160 521/162 521/172 521/176 525/455 526/230 526/232 526/261 526/268 526/271 526/280 526/281 526/301 526/302 526/310 526/312 528/272 528/288 528/296 528/354 528/44 528/45 528/50 528/53 528/55 528/56 528/57 528/58 528/61 528/63 528/65 528/67 528/70 528/73 528/74 528/74.5 528/75 528/76 528/80 528/85 528/905 528/906 549/463 558/240 560/107 560/120 560/125 560/127 560/128 560/129 560/142 560/146 560/158 560/164 560/171 560/188 560/192 560/193 560/194 560/195 560/196 560/261 560/55 560/80 560/84

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0) GB1019631A – IMPROVEMENTS IN OR RELATING TO AQUEOUS DISPERSI...

49) Family number: 23889135 (GB1019631A) © PatBase

Title: Improvements in or relating to aqueous dispersions of synthetic rubber

Priority: DE1961R031632 19611207 DE1961R031633 19611207 FR19620917689 19621206 DE1965R031634 19651103

Family:

Publication number	Publication date	Application number	Application date
AT262537 B	19680610	AT19660009451	19661010
CH441640 A	19670815	CH19660014868	19661013
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DE1494313 A1	19690430	DE19611494313	19611207
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GB1019631 A	19660209	GB19620042035	19621107
GB1019632 A	19660209	GB19620042036	19621107
GB964476 A	19640722	GB19620042034	19621107

Probable Assignee: RHEIN CHEMIE RHEINAU GMBH

Assignee(s):(std): RHEIN CHEMIE G M B H ; RHEIN CHEMIE RHEINAU GMBH ; RHEIN CHEMIE GMBH MANNHEIM ; RITTERWERK F RITTER AND SOHN

Assignee(s): RHEIN CHEMIE GMBH

Inventor(s):(std): GREGOR GROPPENBAECHER DR ; GROPPENBACHER GREGOR ; GROPPENBAECHER DR GREGOR ; HANS KOCH ; HANS SCHEURER DR ; KERN DR RUDOLF ; KERN RUDOLF ; RUDOLF KERN DR ; SCHEURER DR HANS ; SCHEURER HANS

Inventor(s): KOCH HANS

International class (IPC 8–9): B26D7/06 C08J3/05 C08J3/21 C08L21/00 C08L21/02 C08L27/06 C09J123/16 C09J123/22 C09J123/34 (Advanced/Invention); C08L9/02 (Advanced/Non–invention); C08J3/02 C08J3/20 C08L21/00 C08L27/00 C09J123/00 (Core/Invention); C08L9/00 (Core/Non–invention)

International class (IPC 1–7):	A22C3/10 A47J3/04 B26D4/32 C08C1/00 C08C1/02 C08J3/06 C08J3/20 C08L23/02 C08L23/34 C08L27/00
CPC:	C08J3/05 C08J3/21 C08J2321/00 C08L21/00 C08L21/02 C09J123/16 C09J123/22 C09J123/34 B26D7/0616 C08L9/02 C08L27/06
European class:	B26D7/06C C08J3/05 C08J3/21 C08L21/00 C08L21/02 C08L27/06 C09J123/16 C09J123/22 C09J123/34 M08J321/00 M08L9/02

Classification Explorer

Cited documents: GB538505 A, DE854573 A, AT120863 B,

0) US4037337A – EXCAVATING BUCKET AND TEETH FOR A BACKHOE

50) Family number: 18695363 (US4037337A) © PatBase

Title: EXCAVATING BUCKET AND TEETH FOR A BACKHOE

Priority:

US19760715560	19760818	US19770792338	19770429	US19770817734	19770721
US19770792339	19770429	US19780962101	19781120	US19770817733	19770721

Family:

Publication number	Publication date	Application number	Application date
AT361860 B	19810410	AT19770005400	19770725
AT540077 A	19800815	AT19770005400	19770725
AU197726977 A1	19790118	AU19770026977	19770713
AU506310 B2	19791220	AU19770026977	19770713
BE857134 A	19771114	BE19770179621	19770725
BE857134 A1	19771114	BE19770179621	19770725
BR7704902 A	19780502	BR19770004902	19770726
CA1071263 A1	19800205	CA19770281761	19770630
DE2733543 A1	19780223	DE19772733543	19770725
DE2733543 B2	19800529	DE19772733543	19770725
DE2733543 C3	19810129	DE19772733543	19770725
ES242420 U	19810901	ES19770242420U	19770726
ES242420 Y	19820201	ES19770242420U	19770726
FR2362247 A1	19780317	FR19770022432	19770721
FR2362247 B1	19830114	FR19770022432	19770721
GB1576048 A	19801001	GB19770034118	19770815
IT1085498 A	19850528	IT19770025703	19770713
JP1209289 C3	19840529	JP19770088463	19770725
JP53025001 A2	19780308	JP19770088463	19770725
JP58040611 B4	19830907	JP19770088463	19770725
MX143237 A	19810403	MX19770170036	19770729
NO142922 B	19800804	NO19770002639	19770725
NO142922 C	19801112	NO19770002639	19770725
NO772639 A	19780221	NO19770002639	19770725
SE7708428 A	19780219	SE19770008428D	19770721
SE7708428 L	19780219	SE19770008428	19770721
US4037337 A	19770726	US19760715560	19760818
US4098013 A	19780704	US19770817734	19770721
US4117611 A	19781003	US19770792339	19770429
US4123861 A	19781107	US19770792338	19770429

US4133121 A	19790109	US19770817733	19770721
US4207693 A	19800617	US19780962101	19781120

Probable Assignee: ADCO BUCKETS INC

Assignee(s):(std)**:** ADCO BUCKETS INC ; HEMPHILL C W ; HEMPHILL CHARLES WAYNE ; HEMPHILL CHARLES W ; HEMPHILL C ; CHIYAARUZU UEIN HENPUHIRU

Assignee(s): DRM DR MULLER AG ; GH HENSLEY IND INC ; HENSLEY IND INC FKA GH HENSELY IND INC ; GH HENSLEY IND INC A CORP OF TX ; HEMPHILL CW ; GH HENSLEY IND ; HENSLEY IND ; HEMPHILL CHARLES WAYNE DUNCANVILLE TEX V ST A ; ADCO BUCKETS INC A CORP OF TX ; BANK ONE TEXAS NA ; CHARLES WAYNE HEMPHILL

Inventor(s):(std)**:** CHIYAARUZU UEIN HENPUHIRU ; HEMPHILL C W ; HEMPHILL CHARLES W ; HEMPHILL CHARLES WAYNE ; HEMPHILL C ; CW HEMPHILL ; CHARLES WAYNE HEMPHILL ; CHAARUZU UEIN HENPUHIRU ; SOK

Inventor(s): HEMPHILL CHARLES WAYNE DUNCANVILLE TEX V ST A ; C W HEMPHILL ; WAYNE HEMPHILL CHARLES

International class (IPC 8–9): E02F3/36 E02F3/40 E02F3/42 E02F9/28 (Advanced/Invention); E02F3/36 E02F3/40 E02F3/42 E02F9/28 (Core/Invention)

International class (IPC 1–7): E02F1/00 E02F3/00 E02F3/14 E02F3/22 E02F3/40 E02F3/60 E02F3/81 E02F9/28

CPC: E02F3/3604 E02F3/40 E02F3/42 E02F9/2825 E02F9/2833 E02F9/2858

European class: E02F3/36C E02F3/40 E02F3/42 E02F9/28A2B E02F9/28A2C E02F9/28A6

US class: 172/719 172/770 172/771 37/118R 37/141R 37/142R 37/195 37/443 37/444 37/452 37/453 414/694 414/723 D15/032 D15/32

Classification Explorer

Cited documents: US4056250 A, US4028823 A, US4023288 A, US3964622 A, US3914885 A, US3853232 A, US3791054 A, US3748762 A, US3736676 A, US3705656 A, US3672521 A, US3655244 A, US3531161 A, US3462861 A, US3397012 A, US3325926 A, US3312002 A, US3307277 A, US3300883 A, US3286379 A, US3225467 A, US305800 A, US3049824 A, US3047170 A, US2965989 A, US2666272 A, US2660323 A, US2013818 A, US1870044 A, US1860338 A, US1803654 A, US1659768 A, US1357359 A, US1003663 A, SU388101 T, SU306228 T, SE145234 C1, JP50011603 U1, IT715794 A, GB669339 A, GB648399 A, GB1414185 A, GB1245558 A, GB1210129 A, GB1205070 A, FR2255427 A1, FR2058682 A5, FR1365139 A, DE488478 A, DE2500217 A1, DE2251896 A1, CS125442 A,

- **search:** SS7 FT=(tear* and line* and perforat* and (toiler or tissue) and (paper or roll*)) and PD<20140410 (Results 5214)
- List: SS7 1–50 (FT=(tear* and line* and perforat* and (toiler or tissue) and (paper or roll*)) and PD<20140410) (Results 5214)

0) US2006089609A – DEVICES AND METHODS FOR TISSUE MODIFICATION

1) Family number: 32202464 (US2006089609A) © PatBase

Title: DEVICES AND METHODS FOR TISSUE MODIFICATION

Priority:

AU20070226692	20070309	AU20120201909	20120402	EP20070865420	20071207
EP20100075066	20071207	JP20070536970	20051015	US20040622865P	20041028
US20040619306P	20041015	US20050250332	20051015	EP20090251704	20090701
US20050251205	20051015	US20050251199	20051015	US20050251165	20051015
US20060375265	20060313	US20050685190P	20050527	US20050681719P	20050516
US20050681864P	20050516	US20050250369	20051015	US20050251204	20051015
US20050251155	20051015	US20050250902	20051015	US20050251186	20051015

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WO2005US03713	20050204	US20130064085	20131025	US20140180221	20140213
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Family:

Publication number	Publication date	Application number	Application date
AT543449 E	20120215	AT20070075066T	20071207
AU2005295589 AA	20060427	AU20050295589	20051015
AU2005295589 BB	20091203	AU20050295589	20051015
AU2007226692 AA	20070920	AU20070226692	20070309
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DE602007020540 D1	20120329	DE200760020540T	20071207
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EP1799129 A2	20070627	EP20050812263	20051015
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HK1108611 A3	20080516	HK20070113883	20071219	
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Probable Assignee: AMENDIA INC

Assignee(s):[std]**:** SPISAK STEVEN A ; YURCHENCO JAMES ; SAADAT VAHID ; HLAVKA EDWIN J ; MILLER DAVID R ; WALLACE MICHAEL P ; GARABEDIAN ROBERT ; CHUNG WINNIE ; MILLER DAVID J ; MICHLITSCH KENNETH ; LEGUIDLEGUID ROY ; SCHMITZ GREGORY P ; SHEINBERG MICHAEL ; LEGUIDLEGUID RONALD ; DREWS MIKE ; HLVAKA EDWIN J ; HVALKA EDWIN J ; DREWS MICHAEL ; SCHMITZ GREGORY ; LEGUIDLEGUIDE RONALD ; MICHLITSCH KENNETH J ; ARCENIO GREGORY B ;

ASHLEY JOHN ; ASHLEY JOHN E ; BAXANO INC ; BLEICH JEFFERY L ; BLEAM JEFFEREY ; BLEAM JEFFERY ; CATORNA NESTOR C ; BORGSTROM AMIE R ; BAXANO SURGICAL INC ; BAXANO SIGNAL INC ; BLEICH JEFFREY L ; AMENDIA INC ; YURCHENCO JAMES R

Assignee(s): AGILENT TECHNOLOGIES INC ; ANTARES CAPITAL LP AGENT AS ; BAXANO INC MOUNTAIN VIEW ; CANTORNA NESTOR C ; EXWORKS CAPITAL FUND I LP ; QUANDARY MEDICAL LLC ; CORTLAND CAPITAL MARKET SERVICES LLC AGENT AS

Inventor(s):(std)**:** ARCENIO GREGORY B ; ASHLEY JOHN ; ASHLEY JOHN E ; BLEAM JEFFEREY ; BLEAM JEFFERY ; BLEICH JEFFERY L ; BLEICH JEFFREY L ; BORGSTROM AMIE R ; CANTORNA NESTOR C ; CHUNG WINNIE ; DREWS MICHAEL ; DREWS MIKE ; HLAVKA EDWIN J ; HLVAKA EDWIN J ; HVALKA EDWIN J ; LEGUIDLEGUID RONALD ; LEGUIDLEGUID ROY ; LEGUIDLEGUIDE RONALD ; GARABEDIAN ROBERT ; MICHLITSCH KENNETH ; MICHLITSCH KENNETH J ; MILLER DAVID J ; MILLER DAVID R ; SAADAT VAHID ; SCHMITZ GREGORY ; SCHMITZ GREGORY P ; SHEINBERG MICHAEL ; CATORNA NESTOR C ; SPISAK STEVEN A ; TANG WINNIE ; WALLACE MICHAEL P ; YURCHENCO JAMES ; YURCHENCO JAMES R

Inventor(s): ARCENIO GREG ; VAHID SAADAT ; STEVEN A SPISAK ; SPISAK STEVEN ; NESTOR C CATORNA ; RONALD LEGUIDLEGUID ; ROY LEGUIDLEGUID ; MIKE DREWS ; GREGORY SCHMITZ ; HLAVKA EDWIN ; MICHAEL P WALLACE ; JAMES YURCHENCO ; JEFFEREY BLEAM ; JEFFERY L BLEICH ; JOHN ASHLEY ; EDWIN J HLAVKA ; EDWIN J HLVAKA ; DAVID R MILLER ; BORGSTROM AMIE ; BLEICH JEFFREY ; BLEICH JEFFERY

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61B1/00 A61B1/32 A61B10/00 A61B10/02 A61B17/00 A61B17/02 A61B17/14 A61B17/16 A61B17/17 A61B17/22 A61B17/26 A61B17/29 A61B17/32 A61B17/3205 A61B17/3207 A61B17/34 A61B17/56 A61B17/58 A61B17/68 A61B17/70 A61B17/82 A61B17/88 A61B17/90 A61B18/14 A61B18/18 A61B19/00 A61B5/00 A61B5/04 A61B5/05 A61D1/02 A61F11/00 A61F2/00 A61F2/30 A61F2/44 A61F2/46 A61F5/00 A61F5/04 A61H1/02 A61M25/00 A61M25/09 A61M29/00 A61M5/32 A61N1/00 A61N1/05 A61N1/08 (Advanced/Invention);
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US class: 1/1 128/898 128/898S 600/104 600/104P 600/204 600/210 600/210P 600/373 600/544 600/544S 600/546 600/546P 600/547 600/547P 600/554 600/554S 600/562 600/564 600/569 600/570 600/585 601/32 601/32S 604/272 604/272P 604/500 604/528 604/528P 604/533 606/1 606/103 606/103P 606/105 606/108 606/110 606/110P 606/167 606/167S 606/170 606/171 606/171P 606/176 606/177 606/1P 606/213 606/279 606/32 606/34 606/39 606/41 606/45 606/45P 606/53 606/53P 606/74 606/79 606/79P 606/79S 606/80 606/82 606/83 606/84 606/85 606/85P 606/86.00R 606/86.00RP 606/86R 606/90 606/90S 607/116 607/116S 607/117 607/117S 607/118 607/43

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Probable Assignee: CYTORI THERAPEUTICS

Assignee(s):[(std)]**:** BYRNES BOBBY ; CALHOUN CHRISTOPHER ; CALHOUN CHRISTOPHER J ; CARISON GRACE ; CARLSON GRACE ; CYTORI THERAPEUTICS ; MACROPORE BIOSURGERY INC ; FRASER JOHN ; HENDRICK MARC H ; FRASER JOHN K ; HEDRICK MARC H ; DANIELS ERIC ; CYTORI THERAPEUTICS INC ; ZHU MIN ; STREM BRIAN M ; WULUR ISABELLA ; RILEY SUSAN LYNN ; SCHREIBER RONDA ELIZABETH ; TAI JOSEPH W ; SCHULZKI MICHAEL J ; TAI JOSEPH ; SCHREIBER RONDA E ; SITORI TERAP JUTIKS INK ; SCHREIBER RONDA ; SCHREIBER RHONDA ELIZABETH

Assignee(s): MACROPORE BIOSURGERY INC6740 TOP GUN STREETSAN DIEGOCA92121US ; OXFORD FINANCE LLC COLLATERAL AGENT AS ; GENERAL ELECTRIC CAPITAL CORP ; CYTORI THERAPEUTICS INC SAN DIEGO ; VERIZON LABORATORIES INC ; OXFORD FINANCE LLC ; MACROPORE BIOSURERY INC

Inventor(s):[(std)]**:** BOBBY BYRNES ; BRIAN M STREM ; CALHOUN CHRISTOPHER J ; DE EMEDIO MIKE ; ERIC DANIELS ; ERIC FRASER JOHN K HEDRICK MAR ; GRACE CARISON ; GRACE HEDRICK MARC H FRASER JO ; HEDRICK MARC ; ISABELLA FRASER JOHN K HEDRICK ; ISABELLA WULUR ; JOHN FRASER ; JOHN K FRASER ; MARC H HEDRICK ; MARC H HENDRICK ; MICHAEL J SCHULZKI ; MIN ZHU ; RILEY SUSAN L ; SCHREIBER RONDA E ; SCHULZKI MICHAEL J ; SHANAHAN ROBERT K ; STREM BRIAN ; ZHU MIN ; WULUR ISABELLA ; VULUR IZABELLA ; STREM BRIAN M ; STREM BRAJAN M ; KHEDRIK MARK KH ; FRAZER DZHON K ; DANIELS ERIC ; DANIEHLS EHRIK ; SCHREIBER RHONDA ELIZABETH ; TAI JOSEPH ; TAI JOSEPH W ; SCHREIBER RONDA ELIZABETH ; SCHREIBER RONDA ; RILEY SUSAN LYNN ; FRASER JOHN ; CARLSON GRACE ; CALHOUN CHRISTOPHER ; BYRNES BOBBY J ; HENDRICK MARC H ; HEDRICK MARC H ; FRASER JOHN K ; CARISON GRACE ; BYRNES BOBBY ; GRACE CARLSON

Inventor(s):

WULUR ISABELLA WEST HILLS ; ZHU MIN SAN DIEGO ; TAI JOSEPH SAN DIEGO ; STREM BRIAN M SAN DIEGO ; SUSAN LYNN RILEY ; SCHULZKI MICHAEL ; RILEY SUSAN LYNN SAN DIEGO ; RILEY SUSAN ; JOSEPH TAI ; HEDRICK MARC H ENCINITAS ; HEDRICK MARC H ENCINO ; HEDRICK MARC H FRASER JOHN K SCHULZKI MICHAEL J BY ; HEDRICK MARC HUS ; HEDRICK MARE H ; FRASER JOHN K HEDRICK MARC H ZHU MIN STREM BRIAN M ; FRASER JOHN K LOS ANGELES ; FRASER JOHN K SAN DIEGO ; FRASER JOHNUS ; DANIELS ERIC SANTA CLARITA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N63/00 A61B17/00 A61F2/00 A61F2/06 A61F2/44 A61F2/82 A61K31/43 A61K31/436 A61K35/00 A61K35/02 A61K35/12 A61K35/22 A61K35/28 A61K35/32 A61K35/34 A61K35/35 A61K35/36 A61K35/44 A61K38/00 A61K38/16 A61K38/18 A61K38/20 A61K45/00 A61K45/06 A61K48/00 A61K8/98 A61K9/00 A61K9/70 A61L15/40 A61L15/44 A61L27/00 A61L27/18 A61L27/36 A61L27/38 A61L27/52 A61L27/54 A61L27/56 A61L31/00 A61M1/00 A61M1/36 A61P1/00 A61P1/04 A61P1/16 A61P11/00 A61P13/00 A61P13/12 A61P17/00 A61P17/02 A61P19/00 A61P19/02 A61P19/04 A61P19/08 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P27/02 A61P29/00 A61P3/00 A61P3/06 A61P3/10 A61P37/06 A61P43/00 A61P9/00 A61P9/02 A61P9/04 A61P9/10 A61P9/14 C12M1/00 C12M1/12 C12M1/26 C12M3/00 C12M3/06 C12M3/08 C12N C12N5/00 C12N5/06 C12N5/07 C12N5/071 C12N5/074 C12N5/077 C12N5/0775 C12N5/0789 C12N5/08 C12N5/22 G06F19/00 G06Q30/00 G06Q30/04 G06Q50/00 G06Q50/22 (Advanced/Invention);
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Probable Assignee: AMENDIA INC

Assignee(s):[(std)]**:** ARCENIO GREGORY B ; BAXANO INC ; BAXANO SURGICAL INC ; BLEICH JEFFERY L ; CHUNG WINNIE ; BORGSTROM AMIE R ; HLAVKA EDWIN J ; BLEAM JEFFEREY ; LEGUIDLEGUID RON ; GARABEDIAN ROBERT ; CANTORNA NESTOR C ; LEGUIDLEGUID RONALD ; BLEICH JEFFREY L ; MILLER ERIC C ; SCHMITZ GREGORY ; WALLACE MICHAEL P ; LEGUIDLEGUILD ROY ; LEGUIDLEGUILD RONALD ; SCHMITZ GREGORY P ; LEGUIDLEGUID ROY ; SHEINBERG MICHAEL A ; SHAPIRO JAMES ; SHEINBERG MICHAEL ; SUN BENJAMIN KAO SHING ; SUMMA CHRISTOPHER D ; MIMRAN RONNIE I ; SPISAK STEVEN A ; YURCHENCO JAMES ; SAADAT VAHID ; MILLER DAVID R ; AMENDIA INC

Assignee(s): ANTARES CAPITAL LP AGENT AS ; QUANDARY MEDICAL LLC ; SCHNIEDERMAN GARY A ; EXWORKS CAPITAL FUND I LP ; CORTLAND CAPITAL MARKET SERVICES LLC AGENT AS

Inventor(s):[(std)]**:** BLEICH JEFFERY L ; KAO SHING SUN BENJAMIN ; MICHAEL SHEINBERG ; MILLER ERIC C ; ROY LEGUIDLEGUID ; SCHMITZ GREGORY ; YURCHENCO JAMES ; SUN BENJAMIN KAO SHING ; SUMMA CHRISTOPHER D ; SPISAK STEVEN A ; SHEINBERG MICHAEL A ; SHEINBERG MICHAEL ; SHAPIRO JAMES ; SCHNIEDERMAN GARY A ; SCHIMITZ GREGORY P ; SAADAT VAHID ; GARABEDIAN ROBERT ; CANTORNA NESTOR C ; BORGSTROM AMIE ; BLEICH JEFFREY L ; BLEICH JEFFREY ; BLEAM JEFFEREY ; ARCENIO GREG ; A SPISAK STEVEN ; WALLACE MICHAEL P ; SCHMITZ GREGORY P ; MIMRAN RONNIE I ; LEGUIDLEGUILD ROY ; LEGUIDLEGUILD RONALD ; LEGUIDLEGUID ROY ; CHUNG WINNIE ; BORGSTROM AMIE R ; ARCENIO GREGORY B ; LEGUIDLEGUID RONALD ; LEGUIDLEGUID RON ; L BLEICH JEFFERY ; MILLER DAVID R ; HLAVKA EDWIN J ; RONALD LEGUIDLEGUID ; ROBERT GARABEDIAN

Inventor(s): MILLER DAVID ; HLAVKA EDWIN ; BLEICH JEFFERY ; GREGORY P SCHMITZ ; MICHAEL P WALLACE ; JEFFREY L BLEICH ; JEFFERY L BLEICH ; JEFFEREY BLEAM ; SUN BENJAMIN ; SPISAK STEVEN ; RON LEGUIDLEGUID ; NESTOR C

CANTORNA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

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- **search:** SS8 FT=(tear* and line* and perforat* and (toiler or tissue) W1 paper) and PD<20140410 (Results 1107)
- List: SS8 1–50 (FT=(tear* and line* and perforat* and (toiler or tissue) W1 paper) and PD<20140410) (Results 1107)

0) US2003026950A – SINGLE–PLY EMBOSSED ABSORBENT PAPER PRODUCTS

1) Family number: 30124129 (US2003026950A) © PatBase

Title: SINGLE−PLY EMBOSSED ABSORBENT PAPER PRODUCTS

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GRACYALNY DALE T ; KERSHAW THOMAS N ; GRACYALNY DALE ; GEORGIA PACIFIC CORP ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYN A ; RUTHVEN PAUL J

Assignee(s): WILLIAMS ROBERT J ; ZAHN HARLIE C ; MOGGED OTTO ; MOGGED OTTO III ; KRASZEWSKI ALAN J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; HANSEN MARK D ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DAUS ROBERT R ; DEMILLE JOHN R

Inventor(s):(std)**:** MOGGED OTTO ; MOGGED OTTO III ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYU ; SCHULZ GAYLN A ; GRACYALNY DALE ; ZAHN HARLIE C ; WILLIAMS ROBERT J ; SCHULZ GALYN A ; RUTHVEN PAUL J ; KRASZEWSKI ALAN J ; MOGGED III OTTO ; HANSEN MARK D ; GRACYALNY DALE T ; DEMILLE JOHN R ; DAUS ROBERT R ; KERSHAW THOMAS N

Inventor(s): DAUS ROBERT RUS ; DEMILLE JOHN RUS ; GRACYALNY DALE TUS ; MOGGED ; KRASZEWSKI ALAN JUS ; KERSHAW THOMAS ; III OTTO ; HANSEN MARK DUS ; MOGGED OTTO IIIUS ; RUTHVEN PAUL JUS ; SCHULZ GALYN AUS ; WILLIAMS ROBERT JUS ; HANSEN MARK ; KRASZEWSKI ALAN ; DAUS ROBERT ; DEMILLE JOHN ; WILLIAMS ROBERT ; ZAHN HARLIE ; ZAHN HARLIE CUS

Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

International class (IPC 8–9): A01J25/12 A61F13/15 B31F1/07 B31F1/12 B31F1/14 B65H27/00 B65H35/00 D21F11/00 D21F11/14 D21G9/00 D21H27/02 D21H27/40 F16C13/00 (Advanced/Invention); A61F13/15 B31F1/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

International class (IPC 1–7): A61F13/15 B29C43/46 B31F1/00 B31F1/07 B31F1/12 B31F1/14 B32B3/00 B32B3/10 B32B5/00 D06N7/04 D21F11/00 D21H11/00 D21H27/02 D21H27/40

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European class: A61F13/15M6C B31F1/07 B31F1/12B B31F1/14B D21F11/00E D21F11/14 D21H27/00D2 L29C43/46A4 L31F201/07C2D1A L31F201/07C2D3C L31F201/07C2D3G L31F201/07C2D3G2 L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07C2D7 L31F201/07E L31F201/07G L31F201/07G2 L31F201/07L L31F201/07P L31F201/07P10 N21H25/00B

US class: 100/161 100/168 100/169 100/176 101/23 101/3.1 101/3.100P 101/32 101/32S 101/6 101/6S 156/205 156/209 162/109 162/111 162/112 162/113 162/114 162/117 162/117S 162/123 162/132 162/205 162/205S 162/286 162/286S 162/361 162/362 162/362S 264/284 425/363 425/363S 425/365 425/365S 428/131 428/131P 428/152 428/152P 428/153 428/156 428/156S 428/174 428/174S 428/182 428/183 428/98 428/98S 492/20 492/30 492/36 604/38 604/380

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0) US2005238682A – TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

2) Family number: 32362115 (US2005238682A) © PatBase

Title: TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

Priority:

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HK1101516 A3	20071018	HK20070109554	20070903	
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US2006073195 AA	20060406	US20050225949	20050914
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WO06093537 A1	20060908	WO2005US37280	20051014

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO LUIGI ; KLEINWAECHTER JOERG ; MARCOTT CURTIS A ; PROCTER AND GAMBLE ; MARCOTT CURTIS ALLEN ; WARNER RONALD RAY ; WARNER RONALD R

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; BUTZ KIRK

Inventor(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO GALASSO LUIGI ; DI GIROLAMO LUIGI ; DIRK ANAST JOHN M WARNER RONAL ; GIROLAMO LUIGI DI ; JOERG KLEINWAECHTER ; KLEINWAECHTER JOERG ; MARCOTT CURTIS ; MARCOTT CURTIS A ; MARCOTT CURTIS ALLEN ; LUIGI KLEINWAECHTER JOERG BUTZ ; SAEVECKE DIRK ; WARNER RONALD R ; WARNER RONALD RAY ; WARNER RONALD ; ANAST JOHN ; DIRK BUTZ ; BUTZ KIRK

Inventor(s): WARNER ; MARCOTT ; RONALD RAY ; RONALD RAY WARNER ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN DI GIROLAMO LUIGI ; LUIGI ; LUIGI DI GIROLAMO ; JOHN MATTHEW ; JOHN MATTHEW ANAST ; KLEINWAECHTER ; JOERG ; DIRK ; CURTIS ALLEN ; CURTIS ALLEN MARCOTT ; DI GIROLAMO ; BUTZ ; ANAST JOHN M WARNER RONALD R KLEINWAECHTER JOERG B ; ANAST

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A47K10/16 A47K7/00 A61K7/00 A61K7/40 A61K7/48 A61K8/02 A61K8/30 A61K8/31 A61K8/34 A61K8/37 A61K8/41 A61K8/42 A61K8/55 A61K8/63 A61K8/68 A61K8/89 A61K8/92 A61K9/10 A61K9/70 A61L15/34 A61L15/44 A61L2/00 A61Q19/00 D06M13/00 D21C7/14 D21H17/03 D21H17/07 D21H17/13 D21H19/10 D21H19/66 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention);
A61F13/15 (Advanced/Non–invention);
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International class (IPC 1–7):	A61K9/70 A61L2/00 D21H19/10 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30
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US class:	162/109 162/135 162/135S 162/158 162/158S 162/179 424/400 424/402 424/402P 424/404 424/414 424/443 424/443P 427/2.31 427/2.310S 427/240 427/458 428/341 428/341S

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0) US2004238135A – FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET...

3) Family number: 32366228 (US2004238135A) © PatBase

Title: FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET

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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):[std]**:** EDWARDS STEVEN L ; EGGEN RICHARD W ; DUGGAN DVID P ; DUGGAN DAVID P ; FORT DZHEJMS CORP ; DWIGGINS JOHN H ; DZHORDZHIJA PEHSIFIK KONS JUME ; DZHORDZHIJA PEHSIFIK KONS JUMER PRODAKTS LP ; DZHORDZHIJA PASIFIK KONZ JUMER PRODAKTS EHLPI ; BAUMGARTNER DEAN J ; CHOU HUNG L ; CHOU HUNG LIANG ; FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GPCP IP HOLDINGS LLC ; SUPER GUY H ; MCCULLOUGH STEPHEN J ; KRUEGER JEFFREY E ; LOMASX DAVID W ; JONES COLIN A ; LOMAX DAVID W ; MURRAY FRANK C ; WENDT GREG ; WENDT GREG A ; LYSE THOMAS E ; HUNTER MARK S ; YEH KANG C ; YEH KANG CHANG ; REEB RONALD R ; HARPER FRANK D

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET, N.E.ATLANTAGA30303US ; FORT JAMES CORP133 PEACHTREE STREET N.E.ATLANTAGA30303–1847US ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; MURRAY FRANK ; MCCULLOUGH STEPHEN ; GEORGIA PACIFIC CONSUMER PRODU ; GEORGIA PACIFIC CONSUMER PRODUCTS L P ; FORT DZHEJMS KORPOREJSHN ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BAUMGARTNER D J ; BAUMGARTNER DEAN J ; BAUMGARTNER DIN DZH ; CHOU HUNG ; CHOU HUNG L ; CHOU HUNG LIANG ; DAVID P DUGGAN ; DAVID W LOMASX ; DEAN J BAUMGARTNER ; DUGGAN D P ; DUGGAN DAVID P ; DUGGAN DVID P ; DVID P DUGGAN ; DVIGGINS DZHON KH ; CHOU KHUN LJAN ; COLIN A JONES ; DAGGEHN DEHVID P ; DWIGGINS JOHN ; DWIGGINS JOHN H ; DZHOUNS KOLIN A ; EDWARDS S L ; EDWARDS STEVEN ; EDWARDS STEVEN L ; EDWARDS STEVEN L MCCULLOUGH ST ; EDWARDS STEVEN L SUPER GUY H M ; EGGEN R W ; EGGEN RICHARD W ; EHDVARDS STIVEN L ; EKH KAN CHAN ; EKH KAN S ; FRANK D HARPER ; GREG WENDT ; GUY H SUPER ; HARPER FRANK ; HARPER FRANK D ; HUNG LIANG CHOU ; HUNTER MARK ; HUNTER MARK S ; JEFFREY E KRUEGER ; JOHN H DWIGGINS ; JONES C A ; JONES COLIN A ; KANG CHANG YEH ; KHANTER MARK S ; EHGGEN RICHARD V ; KHARPER FREHNK D ; KRUEGER J E ; KRUEGER JEFFREY E ; LAJS TOMAS EH ; LIANG CHOU HUNG ; LOMASX D W ; LOMASX DAVID W ; LOMAX DAVID W ; LOUMAKS DEHVID V ; KRJUGER DZHEFFRI EH ; LYSE THOMAS ; LYSE THOMAS E ; MAKKALLAF STEFEN DZH ; MCCULLOUGH S J ; MCCULLOUGH STEPHEN ; MCCULLOUGH STEPHEN J ; MJURREJ FREHNK S ; MURRAY FRANK ; MURRAY FRANK C ; MURRAY FRANK C WENDT GREG EDWA ; REEB RONALD ; REEB RONALD R ; RICHARD W EGGEN ; RONALD R REEB ; S JUPER GAJ KH ; STEPHEN J MCCULLOUGH ; STEVEN L EDWARDS ; SUPER G H ; SUPER GUY ; SUPER GUY H ; RIB RONAL D R ; UEHNDT GREHG ; WENDT GREG ; WENDT GREG A ; YEH KANG ; YEH KANG C ; YEH KANG CHANG

Inventor(s): YEH KANG CHANG NEENAH ; YEH KANG C NEENAH ; WENDT GREGUS ; WENDT CREG ; RIB RONAL'D R. ; SUPER GUY H MENASHA ; SUPER GUY HUS ; S'JUPER GAJ KH. ; REEB RONALD R DE PERE ; REEB RONALD R DEPERE ; MURRAY FRANK C WENDT GREG EDWARDS STEVEN L MCCULLO ; MURRAY FRANK CUS ; MURRAY FRANKUS ; MURRAY FRANK C MARIETTA ; MCCULLOUGH STEPHEN J MOUNT CALVARY ; MCCULLOUGH STEPHEN J MT CALVARY ; MCCULLOUGH STEPHEN JUS ; MCCULLOUGH STEPHENUS ; MCCULLOUGH STEPHAN J ; LYSE THOMAS E VANCOUVER ; HUNTER MARK S DENMARK ; HARPER FRANK D NEENAH ; FRANK C MURRAY ; EDWARDS STEVEN L SUPER GUY H MCCULLOUGH STEPHENJ B ; EDWARDS STEVEN LUS ; EDWARDS STEVEN L FREMONT ; DWIGGINS JOHN H NEENAH ; CHOU HUNG LIANG NEENAH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class(IPC 8–9)**:** D21F5/00 D21F7/00 A47K10/02 A47K10/16 A61L15/16 B31F1/07 B31F1/12 B31F1/16 B32B3/00 B32B5/02 B32B5/26 B65H19/00 C09J129/04 C09J177/00 D21F1/12 D21F11/00 D21F11/02 D21F11/14 D21F3/00 D21F3/02 D21F5/02 D21F9/00 D21H11/00 D21H11/08 D21H11/14 D21H11/20 D21H15/04 D21H17/24 D21H17/52 D21H17/55 D21H21/14 D21H21/20 D21H21/22 D21H23/00 D21H23/24 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/08 D21H27/20 D21H27/30 D21H27/40 (Advanced/Invention);
B65H19/00 A47K10/02 C09J177/00 D21H21/20 D21H25/00 D21H27/40 (Advanced/Non–invention);
A47K10/00 B31F1/00 B32B3/00 B32B5/02 D21F11/00 D21H11/00 D21H17/00 D21H21/00 D21H21/14 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention);
D21H21/14 D21H25/00 D21H27/30 (Core/Non–invention);
A47K B31F D21F D21H (Subclass/Invention)

International class(IPC 1–7)**:** A01N43/90 B31F1/12 B31F1/16 D21F11/00 D21F11/02 D21F11/14 D21H11/20 D21H21/20 D21H23/24 D21H25/00

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European class: B31F1/07 B31F1/12 B31F1/12F D21F11/00E D21F11/14 D21F11/14B D21H21/14D D21H25/00B D21H27/00D D21H27/00D2B D21H27/00D2B2 D21H27/00D4 D21H27/30 L31F201/07C2D5A L31F201/07E L31F201/07G2B L31F201/07G2D L31F201/07P L31F201/07P2 L31F201/07P4 N21H11/14 N21H21/20 N21H25/00B N21H27/00D N21H27/00D2B N21H27/02 N21H27/40

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0) US2010186913A – BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORB...

4) Family number: 46402347 (US2010186913A)

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Priority:

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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERNARD AYANNA M ; DZHORDZHIYA PESIFIK KONSYUMER PRODAKTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; MCCULLOUGH STEPHEN J ; RUTHVEN PAUL J ; MILLER JOSEPH H ; WENDT GREG A ; SUPER GUY H ; SZE DANIEL H ; WAHAL SANJAY ; SUMNICHT DANIEL W ; GEORGIA PACIFIC LLC

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LPUS ; GEORGIA PACIFIC CONSUMER PRODUCTS

Inventor(s):(std)**:** BERNARD AYANNA M ; MCCULLOUGH STEPHEN J ; MILLER JOSEPH H ; RUTHVEN PAUL J ; SUMNICHT DANIEL W ; SUPER GUY H ; WAHAL SANJAY ; WENDT GREG A ; ZUMNIKHT DENIEL U ; VAKHAL SANDZHAJ ; STEPHEN J MCCULLOUGH ; PAUL J RUTHVEN ; MILLER DZHOZEF KH ; JOSEPH H MILLER ; GUY H SUPER ; SZE DANIEL H ; DANIEL H SZE ; GREG A WENTZ

Inventor(s): SZE DANIEL H APPLETON ; GREG A WENDT ; WENDT GREG A NEENAH ; SUPER GUY H MENASHA ; RUTHVEN PAUL J NEENAH ; MILLER JOSEPH H NEENAH ; MCCULLOUGH STEPHEN J MOUNT CALVARY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F B31F1/07 B31F1/12 B31F1/16 B31F1/18 B32B29/00 B32B3/00 D21F D21F1/00 D21F1/50 D21F11/00 D21F11/14 D21F2/00 D21F3/00 D21F3/10 D21H D21H11/00 D21H11/18 D21H13/08 D21H15/02 D21H21/14 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); B31F1/07 D21F2/00 D21F3/00 (Advanced/Non–invention); B31F1/00 D21F1/00 D21F11/00 D21F2/00 D21F3/00 D21H27/00 D21H27/02 (Core/Invention); D21F11/14 D21F2/00 D21F3/00 D21H25/00 D21H27/38 D21H27/40 (Core/Non–invention); B31F D21F D21H (Subclass/Invention)

CPC: D21H1/02 D21H11/18 D21H21/146 D21H25/005 D21H27/30 B31F1/126 D21F1/0027 D21F11/006 D21H27/002 D21H27/007 D21H27/02 B31F1/16 D21H11/00 B31F1/122 Y10T428/24455 Y10T428/24479

European class: B31F1/12F B31F1/16 D21F1/00E D21F11/00E D21H11/18 D21H27/00D D21H27/02 D21H27/30

US class: 1/1 162/109 162/111 162/113 162/117 162/123 162/129 162/146 162/149 162/157.6 428/153 428/156 428/156P

Classification Explorer

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0) US5611890A – TISSUE PAPER CONTAINING A FINE PARTICULATE FILL...

5) Family number: 30377829 (US5611890A) © PatBase

Title: TISSUE PAPER CONTAINING A FINE PARTICULATE FILLER

Priority:

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Family:

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Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):[std]**:** BOURBON ROBERT MICHAEL ; DEASON HOWARD THOMAS ; PROCTER AND GAMBLE ; PAPER SCIENCE AND TECH INST INC ; PAPER SCIENCE AND TECHNOLOGY R ; LORENZ DAVID JOCHEN ; NEAL CHARLES WILLIAM ; PAPER SCI AND TECH INST ; INST OF PAPER SCIENCE AND TECHNO ; PAPER SCIENCE AND TECHNOLOGY I ; PAPER SCIENCE AND TECHNOLOGY RESEARCH INST ; PROCTER AND GAMBLE CO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER Y GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTOR AND GAMBLE CO ; PROCTER Y GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY INC ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; PAPER SCIENCE AND TECHNOLOGY INST ; OF PAPER SCIENCE AND TECHNOLOGY INC INST ; OF PAPER SCIENCE AND TECHNOLOGY INST ; PROCTER AND ; ERSPAMER JOHN PAUL ; FICKE JONATHAN ANDREW ; GAMBLE CO ; GEORGIA TECH RESEARCH CORP ; HALTER JEFFRESS PAUL ; HERSKO BART STEVEN

Inventor(s):[std]**:** BOURBON ROBERT MICHAEL ; BOURDON ROBERT M ; BOURDON ROBERT MICHAEL ; CHARLES W NEAL ; CHARLES WILLIAM NEAL ; DAVID JOCHEN LORENZ ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; ERSPAMER JOHN P ; ERSPAMER JOHN PAUL ; BART S HERSKO ; BART S HESKO ; BART STEVEN HERSKO ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; HALTER JEFFRESS P ; HALTER JEFFRESS PAUL ; HALTER JEFRESS PAUL ; HERSKO BART S ; HERSKO

BART STEVEN ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JEFFRESS PAUL HALTER ; JOHN P ERSPAMER ; JOHN PAUL ERSPAMER ; JONATHAN A FICKE ; KENNETH DOUGLAS VINSON ; LORENZ DAVID JOCHEN ; NEAL CHARLES W ; NEAL CHARLES WILLIAM ; NEAL CHARLES WILLIAM AND ; PAUL THOMAS WEISMAN ; ROBERT M BOURDON ; ROBERT MICHAEL BOURDON ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN PAUL ; VINSON KENNETH ; VINSON DOUGLAS ; NEAL WILLIAM ; NEAL CHARLES ; LORENZ DAVID ; HESKO BART S ; HALTER PAUL ; ERSPAMER PAUL ; DEASON HOWARD ; BOURDON ROBERT ; ANDREW FICKE JONATHAN ANDREW ; JONATHAN ANDREW FICKE ; KENNETH D VINSON

Inventor(s): Kenneth Douglas ; Vinson ; Jonathan Andrew ; JEFRESS PAUL HALTER ; Hersko ; Barth Steven ; Ficke

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 D21H11/12 D21H15/02 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/67 D21H17/68 D21H27/00 D21H27/40 (Advanced/Non–invention); A47K10/00 D21H17/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K10/16 B32B D21H11/12 D21H15/04 D21H17/00 D21H17/06 D21H17/45 D21H17/55 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40

CPC: D21H27/38 Y10T428/24455 Y10T428/24463 D21H27/40 D21H17/68 D21H17/67

European class: D21H17/67 D21H17/68 D21H27/38 D21H27/40 N21H17/68

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/149 162/158 162/164.1 162/168.1 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183 428/153 428/154

Classification Explorer

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0) US20062783355A – EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR...

6) Family number: 33992783 (US2006278355A)

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Title: EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR EMBOSSING ELEMENTS

Priority:

CA20062611326	20060607	CA20062763853	20060607	US20050147774	20050608
US20050147873	20050608	CA20122611326	20120124	EP20060772638	20060607
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US20080171652	20080711	WO2006US22398	20060607	US20050147903	20050608

Family:

Publication number	Publication date	Application number	Application date
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CA2611326 C	20120306	CA20062611326	20060607
CA2763853 AA	20061214	CA20062763853	20060607
CA2763853 C	20150505	CA20062763853	20060607
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US2006280910 AA	20061214	US20050147774	20050608
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US2008302493 AA	20081211	US20080171652	20080711
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US7785696 BB	20100831	US20050147774	20050608
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US8007640 BB	20110830	US20080171589	20080711
US8083893 BB	20111227	US20080171652	20080711
WO06133390 A2	20061214	WO2006US22398	20060607
WO06133390 A3	20070201	WO2006US22398	20060607

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN B ; RASCH DAVID MARK ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL ; RASCH DAVID M

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** FISHER WAYNE ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; RASCH DAVID ; RASCH DAVID M ; RASCH DAVID MARK ; WIWI KEVIN ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; BOATMAN DONN ; BOATMAN DONN N ; BOATMAN DONN NATHAN

Inventor(s): BOATMAN DONN NATHAN UNION ; WAYNE ROBERT FISHER ; KEVIN MITCHELL WIWI ; KEVIN BENSON MCNEIL ; DONN NATHAN BOATMAN ; DAVID MARK RASCH ; WIWI KEVIN MITCHELL WEST CHESTER ; RASCH DAVID MARK CINCINNATI ; MCNEIL KEVIN BENSON LOVELAND ; FISHER WAYNE ROBERT CINCINNATI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B28B11/08 B31F1/07 B31F1/12 B32B1/00 B32B3/00 B44B5/00 B44B5/02 B65H37/00 D21F11/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); B28B11/08 B31F1/00 B32B1/00 B32B3/00 B44B5/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

CPC: B31F2201/0743 Y10T428/24479 Y10T428/24628 Y10T156/1023 Y10T428/24455 Y10T428/24463 Y10T428/24612 B31F1/07 B31F2201/0733 B31F2201/0764 B44B5/0009 B44B5/026 A47K10/16 B31F2201/0712 B31F2201/0738 B31F2201/0748 B32B3/00 B32B3/30 B32B29/00 B32B29/005 B32B2250/02 B32B2250/26 B32B2555/02

D21H27/004 D21H27/02 D21H27/40

European class: A47K10/16 B31F1/07 B32B29/00 B32B29/00B2 B32B3/00 B32B3/30 B44B5/00A2 B44B5/02D D21H27/00D2 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07G2B L32B250/02 L32B250/26 L32B555/02 N21H27/02 N21H27/40

US class: 101/23 101/28 101/3.1 101/32 156/209 162/109 162/117 162/132 162/205 162/362 425/193 425/363 425/385 425/403 425/403P 425/408 425/470 425/470P 428/153 428/154 428/156 428/156P 428/172 428/174 428/174S

Classification Explorer

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0) US2001050083A – IRRADIATION ENHANCED PERMEATION AND DELIVERY

7) Family number: 44207603 (US2001050083A) © PatBase

Title: IRRADIATION ENHANCED PERMEATION AND DELIVERY

Priority:

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EP19980902540	19980114	EP19980902540	19980114	AU20010097379	20011220
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Family:

Publication number	Publication date	Application number	Application date
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US6251100 BA	20010626	US19970955545	19971022
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US6419642 BA	20020716	US20000589865	20000608
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WO9804320 A1	19980205	WO1997US11927	19970707
WO9833444 A1	19980806	WO1998US00706	19980114

Probable Assignee: TRANSMEDICA INT INC

Assignee(s):(std)**:** FLOCK STEPHEN T ; TRANSMEDICA INTERNATIONAL INC ; TRANSMEDICA INTERNATL INC ; TRANSMEDICA INTERNAT INC ; TRANSMEDICA INT INC ; TINNITUS CONTROL INC ; VENISECT INC ; WANER MILTON ; VESTAL CHARLES H

Assignee(s): TRANSMEDICA INT ; NORWOOD ABBEY LTD ; MARCHITTO KEVIN S ; LEHMAN PAUL ; BERNARD MATTHEWS LIMITED ; BERNARD MATTHEWS LTD ; LABARGE INC

Inventor(s):(std)**:** LEHMAN PAUL ; LEHMAN PAUL A ; LEHMANN PAUL ; MARCHITLO KEVIN S ; MARCHITO KEVIN S ; MARCHITTO KEVIN S ; VESTAL CHARLES H ; VESTAL H ; WANER MILTON ; SITLER DONALD D ; FLOCK T ; FLOCK STEPHEN T ; DUBE GEORGE ; CHOY DANIEL S J

Inventor(s): CHOY DANIEL SJ ; CHARLES H VESTAL ; VESTAL CHARLES ; FLOCK STEPHEN ; STEPHEN T FLOCK ; KEVIN S MARCHITTO ; MILTON WANER ; PAUL LEHMAN ; PAUL LEHMANN ; MARCHITTO KEVIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class(IPC 8–9)**:** A61B10/00 A61B17/00 A61B17/34 A61B18/00 A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61B5/154 A61J1/05 A61J3/00 A61K9/06 A61M21/00 A61M37/00 A61M5/00 A61N1/16 A61N1/30 A61N5/06 A61N5/067 G10K11/178 H01S3/06 (Advanced/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61B5/15 A61M37/00 H01S3/02 H01S3/092 (Advanced/Non–invention); A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/06 H01S3/06 (Core/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61M37/00 H01S3/02 H01S3/0915 (Core/Non–invention)

International class(IPC 1–7)**:** A16N5/00 A61B10/00 A61B17/36 A61B18/18 A61B18/20 A61B19/00 A61B5/00 A61B5/14 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/00 A61N5/06 A61N5/067

CPC: H01S3/025 H01S3/0602 H01S3/093 A61M21/00 A61M2021/0027 G10K11/178 A61B5/7217 A61B5/150343 A61B5/15138 H04R25/75 A61B5/150076 A61B5/150099 A61B2090/395 A61B2010/008 A61B2017/00057 A61M2037/0007 A61B5/15134 A61B5/411 A61B17/205 A61B17/3476 A61B18/20 A61B18/203 A61B2017/00765 A61B2018/00452 A61B2218/008 A61M37/00 A61N1/16 A61B5/150755 A61B5/150351 A61B5/150954 A61B5/150022

European class: A61B18/20 A61B18/20H A61B5/14 A61B5/151B A61B5/41B A61M21/00 A61M37/00 A61N1/16 G10K11/178 H01S3/06A H04R25/75 K61B10/00L11 K61B17/00C1L K61B17/00R2S K61B17/20B K61B17/34P K61B18/00F8 K61B19/54J6 K61B218/00D4D K61B5/14 K61B5/14B2 K61M21/00A5 K61M37/00 K61M37/00D T01S3/02S T01S3/093

US class: 128/770 128/897 128/898 128/898S 600/573 600/573P 604/20 604/20S 604/21 606/10 606/10S 606/13 606/13S 606/17 606/17S 606/2 606/2S 606/3 606/7 606/9 606/9P 606/9S 607/88 607/88S 607/89 607/89S

Classification Explorer

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0) US2009283229A – FUNCTIONALIZING CELLULOSIC AND LIGNOCELLULOSIC ...

8) Family number: 43952875 (US2009283229A) © PatBase

Title: FUNCTIONALIZING CELLULOSIC AND LIGNOCELLULOSIC MATERIALS

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: XYLECO INC

Assignee(s):(std)**:** KSILEKO INK ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INCL–271 SALEM STREETWOBURNMA01801US ; MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Inventor(s):(std)**:** MEDOFF MARSHALL ; MADOFF MARSHALL ; MARSHALL MEDOFF

Inventor(s): MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A23G3/32 A41D1/00 A63B59/06 B01J19/08 B01J19/12 B02C23/18 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B29C71/04 B32B21/14 C07C1/20 C07C27/00 C07C27/04 C07C27/24 C07C29/00 C07C31/00 C07C6/00 C07H3/00 C07H3/04 C08B1/00 C08B15/00 C08B15/02 C08B15/04 C08B15/10 C08B3/06 C08B30/02 C08H7/00 C08H8/00 C08J11/10 C08J3/24 C08J3/28 C08L97/02 C10L1/00 C10L1/02 C10L3/00 C12M1/00 C12N13/00 C12P C12P1/00 C12P13/00 C12P19/00 C12P19/02 C12P19/14 C12P21/00 C12P3/00 C12P5/00 C12P5/02 C12P7/00 C12P7/02 C12P7/04 C12P7/06 C12P7/10 C12P7/16 C12P7/40 C12P7/58 C13B50/00 C13B99/00 C13K1/00 C13K1/02 C13K1/06 C13K5/00 D02G3/00 D02G3/02 D03D15/00 D04B1/14 D04B21/00 D04H D04H1/12 D04H1/26 D04H1/42 D04H1/425 D04H3/00 D04H5/00 D06B3/10 D06M D06M10/00 D06M10/02 D06M10/06 D06M10/08 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21C1/10 D21C5/00 D21C9/00 D21F11/00 D21F5/00 D21G1/00 D21H11/00 D21H11/04 D21H11/16 D21H11/20 D21H21/28 D21H23/22 D21H25/04 G03C1/00 G03C5/00 G21K5/00 H01J37/30 H01J37/317 (Advanced/Invention); C12P19/00 C12P19/02 C12P19/14 C12P7/02 C12P7/10 D06M101/04 D06M101/06

D21C9/00 (Advanced/Non–invention);
A41D1/00 B01J19/08 B01J19/12 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B32B21/00 C07C31/00 C07H3/00 C08B15/00 C08B3/00 C08J3/28 C12N1/20 C12N13/00 C12P5/00 C12P7/02 C13K1/00 C13K5/00 D03D15/00 D04B1/14 D04B21/00 D04H1/42 D04H3/00 D04H5/00 D06M14/00 D21B1/00 D21B1/06 D21C1/00 D21C5/00 D21F5/00 D21H11/00 D21H23/00 D21H25/00 G21K5/00 (Core/Invention);
C12P D03D D04B D04H D06M (Subclass/Invention)

International class (IPC 1–7): B01J19/08 B05D3/00 B05D3/06 B27K5/00 C07H3/00 C08B3/00 C08B3/06 C12N1/20 C12P7/06 C12P7/10 D03D15/00 D04B1/14 D04H1/42 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21F5/00 G01N23/00 G01N23/02

CPC: Y02E50/10 C12P5/02 C12P7/06 C12P7/16 D21B1/06 D21C1/10 D21F5/00 D21G1/0093 C12P19/00 D21B1/063 B02C23/18 C08B1/00 C12P2201/00 A63B2209/00 B27K5/003 B27N1/00 C08B15/04 D06M10/008 Y02E50/343 Y02E50/17 B01J2219/00006 B01J2219/0869 B01J2219/0879 B01J2219/089 C12P19/02 G21K5/00 D21H21/28 H01J37/317 B01J19/08 H01J2237/303 C08B15/02 C08H8/00 D21C9/007 C13K1/02 H01J37/3002 Y10T442/30 Y10T442/40 Y10T442/60 Y10T442/697 D21B1/02 C07C27/24 D06M10/001 D06M10/02 D06M10/08 D06M2101/04 D06M2101/06 D10B2201/00 D10B2201/01 D10B2201/22 D10B2201/26 D10B2201/28 B01J19/123 B01J19/121 C12M45/00 B01J19/126 C07C27/00 Y10T428/249921 D21C1/00 D21H11/16 B01J2219/08 C12P7/10 C07C27/04 D02G3/02 D04B1/14 D06B3/10 D06M10/00 D10B2501/00 D10B2505/04 D04H1/4258 D04H1/42 D04H1/4382 Y02E50/16 Y02P20/582 B01J19/081 B01J2219/0871 B01J19/085 C12P19/14 D02G3/00 A63B59/50 A63B2102/18 C08B15/00 D21H25/04 D21H11/04 D03D15/00 D04H1/425 Y10T156/10 B27K5/0045 D21H11/20 D21C5/00 B27K5/004 D06M10/06 H01J2237/3165 B27K5/0035 C08J3/28 C08J2397/02

European class: A63B59/06 B01J19/08B6 B27K5/00R B27N1/00 C08B15/02 C08B15/04 C08H8/00 C08J3/28 C12P19/02 C12P5/02 C12P7/06 C12P7/10 C12P7/16 D04H1/42 D06M10/00B D06M10/00N D06M10/02 D06M10/08 D21B1/02 D21B1/06 D21C1/10 D21C9/00B4 D21F5/00 D21G1/00R8 D21H25/04 G21K5/00 K63B209/00 L01J219/00A2B L01J219/08F L01J219/08M6 L01J219/08M8J M08J397/02 M12P201/00 N06M101/04 N06M101/06 N10B201/00 N10B201/01 N10B201/22 N10B201/26 N10B201/28 N21C9/00B4 Y02E50/16 Y02E50/17

US class: 1/1 127/34 127/34S 127/37 156/60 156/60S 162/141 162/158 162/158S 162/162 162/192 162/192S 162/198 162/5 162/50 162/50P 162/58 162/63 162/9 162/92 2/69 2/69S 204/157.15 204/157.150S 204/157.63 204/157.630S 204/157.68 204/157.680S 204/157.9 204/157.900S 241/15 250/492.1 250/492.100P 250/492.3 250/492.300S 378/64 378/64P 427/457 427/457S 427/532 427/551 428/22 428/221 428/221S 435/136 435/136S 435/137 435/155 435/155S 435/157 435/165 435/166 435/166S 435/168 435/168S 435/173.1 435/173.100S 435/41 435/41S 435/68.1 435/68.100P 435/71.1 435/71.100S 435/72 435/72P 435/72S 435/99 44/307 44/307S 442/181 442/181P 442/304 442/304S 442/327 442/327S 442/415 442/415S 530/500 536/1.11 536/1.110S 536/123.13 536/123.130P 568/840 568/840P 568/878 568/880 568/902 568/903 8/116.1 8/444

Classification Explorer

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A, US3414498 A, US3352773 A, US3254939 A, US3254939, US3236584 A, US3189460 A, US3077418 A, US2999788 A, US2087263 A, US2081130 A, US2011155559 AA, US2011139383 AA, US2009321026 AA, US2009283229 AA, US2009246253 AA, US2009170153 AA, US2009011473 AA, US2008313954 AA, US2008271842 AA, US2008263890 AA, US2008256823 AA, US2008251156 AA, US2008196829 AA, US2008193785 AA, US2008149290 AA, US2008078122 AA, US2008067724 AA, US2007246176 AA, US2007197679 AA, US2007184196 AA, US2007125507 AA, US2007079522 AA, US2007063144 AA, US2007045456 AA, US2007031664 AA, US2007031664, US2006189497 AA, US2006169427 AA, US2006166022 AA, US2006162851 AA, US2006054267 AA, US2006010648, US2005084572 AA, US2005034768 AA, US2004191547 AA, US2004178193 AA, US2004171712 AA, US2004129394 AA, US2004115460 AA, US2004089429 AA, US2004086662 AA, US2002182429 AA, US2002162947 AA, US2002160270 AA, US2002084045 AA, US2002064495 AA, SU454752 A3, SU1604582 T, RU2319088 C1, RU2298561 C2, RU2071519, RU2010700 C1, JP6099409 A2, JP6091819 A2, JP6091818 A2, JP59071700 A2, GB2104903 A1, GB1316458 A, GB1255723 A, GB1251542 A, EP1600172 B1, EP1600172 A1, EP1464484 A1, EP0558512 B1, EP0558512 A1, EP0227134 A1, CN1252812, CN1142212, CN101203315 A,

0) US2012228306A – LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH ...

9) Family number: 51896376 (US2012228306A) © PatBase

Title: LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH PEELABLE DETACHABLE LAYERS

Priority:

US20110450565P	20110308	US20110487677P	20110518	US20110494170P	20110607
US20110552663P	20111028	US20110552687P	20111028	US20120415781	20120308
US20120670168P	20120711	WO2012US61535	20121024	WO2013US36273	20130412
WO2012US61535	20120711	US20130413045	20130412	US20160053108	20160225

Family:

Publication number	Publication date	Application number	Application date
AU2013289175 AA	20140116	AU20130289175	20130412
CA2878251 AA	20141231	CA20132878251	20130412
CN104427986 A	20150318	CN201380037065	20130412
EP2872142 A1	20150520	EP20130718720	20130412
IN10801DN2014 A	20150904	IN2014DN10801	20141217
JP2015522070 T2	20150803	JP20150521607T	20130412
KR20150036014 A	20150407	KR20157000335	20130412
MX2015000457 A1	20150408	MX20150000457	20130412
RU2015104537 A	20160827	RU20150104537	20130412
TW201332551 A	20130816	TW20120139805	20121026
US2012228306 AA	20120913	US20120415781	20120308
US2015202203 AA	20150723	US20130413045	20130412
US2016176611 AA	20160623	US20160053108	20160225
US9302842 BB	20160405	US20120415781	20120308
WO12122427 A2	20120913	WO2012US28372	20120308
WO12122427 A3	20121227	WO2012US28372	20120308
WO14011284 A1	20140116	WO2013US36273	20130412

Probable Assignee: CONVERTER MFG INC

Assignee(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F ; NOVARTIS AG ; NOVARTIS INT AG ; CONVERTER MFG INC

Assignee(s): CONVERTER MFG LLC ; CONVERTER MANUFACTURING INC ; NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH INC

Inventor(s):(std): LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F

Inventor(s): FANG LI ; JOHN E MONAHAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61K31/404 A61K31/4709 A61K31/4745 A61K31/496 A61K31/506 A61K31/5355 A61K39/395 A61K45/06 A61P1/00 A61P35/00 A61P43/00 B65B1/04 B65D1/22 B65D25/04 B65D25/14 B65D51/28 B65D77/30 B65D81/26 (Advanced/Invention); B65D1/22 B65D1/26 B65D25/04 B65D25/14 (Advanced/Non–invention)

CPC: B65D65/40 B65D81/265 A61K31/4709 A61K31/404 Y02W30/801 A61K31/4745 A61K31/5355 A61K31/506 A61K31/496 A61K45/06 B65D1/22 B65D1/26 B65D25/04 B65D25/14 B65D81/264 B65D51/28 B65D77/30 B65D2577/205 B65D2577/2075 B65D81/262

European class: B65D81/26C1

US class: 1/1 206/204 220/501 220/521 426/106 514/252.18 53/467

Classification Explorer

Cited documents: WO12001074 A2, WO09141386 A1, WO09141213 A1, WO09115562 A2, WO08060688 A1, WO08037716 A2, WO07064719 A2, WO07059187 A1, WO07015871 A1, WO07015870 A2, WO06127926 A2, WO06124413 A2, WO06000420 A1, WO05046589 A2, WO05004658 A1, WO04005281 A1, WO03087095 A1, WO03066613 A1, WO0222598 A1, US9302842 BB, US7921992 BB, US6894051 BA, US6391402 BA, US6223894 BA, US5521184 A, US2014288073 AA, US2012052165 AA, US2009215793 AA, US2008031553 AA, US2007056863 AA, US2005267125 AA, JP2000344224 A2,

0) US2003199418A – PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER...

10) Family number: 30127938 (US2003199418A) © PatBase

Title: PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER DISRUPTER

Priority:

US19980104371P	19981015	US19990137336P	19990603	US20030444851	20030523
WO1999US23592	19991008	US20030444844	20030523	US19990413578	19991006
WO1999US23593	19991008				

Family:

Publication number	Publication date	Application number	Application date
AR015560 AA	20010502	AR1999P105230	19991015
AR016741 AA	20010725	AR1999P105231	19991015
AT245724 E	20030815	AT19990951897T	19991008
AT284466 E	20041215	AT19990951898T	19991008
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AU199964241 A1	20000501	AU19990064241	19991008
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AU753312 B2	20021017	AU19990064241	19991008
AU753312 C	20040624	AU19990064241	19991008
AU753313 B2	20021017	AU19990064240	19991008
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BRPI9914578 A	20010703	BR1999PI14578	19991008
BRPI9914578 B1	20110125	BR1999PI14578	19991008

CA2346338 AA	20010404	CA19992346338	19991008
CA2346338 C	20070522	CA19992346338	19991008
CA2346658 AA	20010405	CA19992346658	19991008
CA2346658 C	20051206	CA19992346658	19991008
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CN1323367 A	20011121	CN19998012193	19991008
CN1323368 A	20011121	CN19998012229	19991008
CZ20011348 A3	20011212	CZ20010001348	19991008
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DE69909821 T2	20040527	DE19996009821T	19991008
DE69922530 D1	20050113	DE19996022530	19991008
DE69922530 T2	20051215	DE19996022530T	19991008
EG22503 A	20030331	EG19990001286	19991014
EP1121488 A1	20010808	EP19990951898	19991008
EP1121488 B1	20041208	EP19990951898	19991008
EP1131486 A1	20010912	EP19990951897	19991008
EP1131486 B1	20030723	EP19990951897	19991008
ES2203192 T3	20040401	ES19990951897T	19991008
ES2232182 T3	20050516	ES19990951898T	19991008
HK1039166 A1	20050930	HK20010108951	20011220
HU0103609 AB	20020128	HU20010003609	19991008
HU0103609 AC	20041228	HU20010003609	19991008
IL142396 A0	20020310	IL19990142396	19991008
JP2002527166 T2	20020827	JP20000576114T	19991008
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KR20010085926 A	20010907	KR20017004741	19991008
MX254453 B	20080211	MX2001PA03751	20010411
MXPA01003751 A1	20010701	MX2001PA03751	20010411
NO20011806 A	20010615	NO20010001806	20010409
NO20011806 A0	20010409	NO20010001806	20010409
NZ510926 A	20030725	NZ19990510926	19991008
PE121500 A1	20010112	PE19990001039	19991015
PE121600 A1	20010112	PE19990001040	19991015
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TH42763 A	20010130	TH19991003858	19991014
TR200101079 T2	20010921	TR20010001079T	19991008
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US2003201085 AA	20031030	US20030444844	20030523
US6607637 BA	20030819	US19990413578	19991006
US6755939 BB	20040629	US20030444844	20030523
US7282116 BB	20071016	US20030444851	20030523
WO0022231 A1	20000420	WO1999US23593	19991008
WO0022233 A1	20000420	WO1999US23592	19991008
ZA200102562 A	20020930	ZA20010002562	20010328
ZA200102564 A	20020930	ZA20010002564	20010328

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; RICE JOHN ERNEST ; PROCTER AND GAMBLE CO CINCINNATI ; FRANKENBACH GAYLE MARIE ; KARL AMY JO ; MCFARLAND JAMES ROBERT ; MCKAY DAVID DALE

Inventor(s):(std)**:** WAHL HOFFMAN ; WAHL ERROL HOFFMAN ; VINSON KENNETH DOUGLAS ; VINSON DOUGLAS ; RICE JOHN ERNEST ; RICE ERNEST ; MCKAY DAVID MICHAEL ; MCKAY DAVID DALE ; MCKAY DALE ; MCFARLAND ROBERT ; MCFARLAND JAMES ROBERT ; KENNETHD VINSON ; KENNETH DOUGLAS VINSON ; KARL JO ; KARL AMY JO AND ; KARL AMY JO ; JOHNE RICE ; JOHN ERNEST RICE ; JAMES ROBERT MCFARLAND ; GAYLE MARIE FRANKENBACH ; FRANKENBACH MARIE ; FRANKENBACH GAYLE MARIE ; ERROLH WAHL ; ERROL HOFFMAN WAHL ; DAVIDD MCKAY ; DAVID MICHAEL MCKAY ; DAVID DALE MCKAY ; AMYJ KARL ; AMY JO KARL ; WAHL ERROL H ; VINSON KENNETH D ; RICE JOHN E ; MCKAY DAVID D ; KARL AMY J ; DOUGLAS VINSON KENNETH DOUGLAS

Inventor(s): DAVID D MCKAY ; JOHN E RICE ; KENNETH D VINSON ; AMY J KARL ; AMY JO ; ERROL HOFFMAN ; FRANKENBACH ; GAYLE MARIE ; KARL ; KENNETH DOUGLAS ; VINSON ; ERROL H WAHL

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K7/00 B32B29/06 C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04 C11D3/00 C11D3/02 D21F11/04 D21F11/14 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/63 D21H17/66 D21H17/74 D21H21/14 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21J1/00 (Advanced/Invention);
A47K7/00 D21H17/06 D21H17/07 D21H17/66 D21H21/22 D21H23/04 D21H27/38 (Advanced/Non–invention);
C11D1/38 C11D1/72 C11D1/75 C11D1/835 C11D17/04 C11D3/02 D21F11/00 D21H15/00 D21H17/00 D21H21/22 D21H23/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): 11/00 A47K7/00 C11D1/62 C11D1/645 C11D1/835 C11D17/04 C11D3/00 D21F11/00 D21H 11/00 D21H11/00 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/66 D21H17/74 D21H17/74 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21H5/24 D21J1/00

CPC: C11D1/40 C11D1/52 C11D1/525 C11D1/62 C11D1/645 C11D1/72 C11D1/75 C11D1/835 C11D3/046 C11D17/046 C11D17/049 D21H17/06 D21H17/07 D21H17/66 D21H17/71 D21H21/22 D21H27/38 C11D1/74 D21H23/04

European class: C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04B4 C11D17/04F C11D3/04S D21H17/71 D21H21/22 D21H23/04 D21H27/38 M11D1/52H M11D1/62 M11D1/72 M11D1/75 N21H17/06 N21H17/07 N21H17/66 N21H21/22

US class: 162/109 162/112 162/123 162/123S 162/135 162/135S 162/158 162/179 162/179S 162/181.1 162/181.2 162/181.200S 162/204 252/8.63 252/86.3 510/404 510/421 510/499 510/499S 510/504 510/504S 510/515 510/515S

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Cited documents: WO9916974 A1, WO9410381 A1, WO0248458 A1, WO0022233 A1, WO0022231 A1, USH1672 H1, US6797117 BA, US6607637 BA, US6579416 BA, US6547928 BB, US6420013 BA, US6376455 BA, US6162329 A, US6126784 A, US6040071 A, US5981044 A, US5929025 A, US5841188 A, US5814188 A, US5792219 A, US5767052 A, US5753079 A, US5747109 A, US5747108 A, US5643865 A, US5573637 A, US5538595 A, US5527560 A, US5525345 A, US5501806 A, US5498350 A, US5487813 A, US5447644 A, US5417753 A, US5405501 A, US5405499 A, US5308513 A, US5264083 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4497716 A, US4476323 A, US4300981 A, US3681241 A, US2003201085 AA, US2003199418 AA, US2003127206 AA, US2002112831 AA, GB2007734 A1, EP0896045 A1, EP0688901 A2, EP0503221 A1,

11) Family number: 20668200 (US5814188A) © PatBase

Title: Soft tissue paper having a surface deposited substantive softening agent

Priority: US19960777829 19961231 WO1997US23077 19971215

Family:

Publication number	Publication date	Application number	Application date
AT294894 E	20050515	AT19970951707T	19971215
AU199855276 A1	19980731	AU19980055276	19971215
AU730321 B2	20010301	AU19980055276	19971215
BRPI9713643 A	20000411	BR1997PI13643	19971215
CA2276027 AA	19990625	CA19972276027	19971215
CA2276027 C	20050125	CA19972276027	19971215
CL1997002917 A1	19980923	CL19970002917	19971231
CN1095905 C	20021211	CN19971081707	19971215
CN1245545 A	20000223	CN19971081707	19971215
CO4900102 A1	20000327	CO19970075731	19971230
DE69733213 D1	20050609	DE19976033213	19971215
DE69733213 T2	20060223	DE19976033213T	19971215
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EP0951602 B1	20050504	EP19970951707	19971215
ES2242239 T3	20051101	ES19970951707T	19971215
HU9904111 AB	20000328	HU19990004111	19971215
HU9904111 AC	20000428	HU19990004111	19971215
IL130366 A0	20000601	IL19970130366	19971215
JP2001507761 T2	20010612	JP19980530072T	19971215
KR100333213 B1	20020418	KR19997005948	19990629
KR20000069802 A	20001125	KR19997005948	19971215
NO993208 A	19990830	NO19990003208	19990628
NO993208 A0	19990628	NO19990003208	19990628
PE33699 A1	19990423	PE19970001174	19971230
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; FICKE JONATHAN ANDREW ; GAMBLE CO ; KLOFTA THOMAS JAMES ; PROCTER AND

Inventor(s):(std)**:** JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; KENNETH DOUGLAS VINSON ; KLOFTA JAMES ; KLOFTA THOMAS JAMES ; PAUL T WEISMAN ; PAUL THOMAS WEISMAN ; THOMAS JAMES KLOFTA ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN THOMAS ; WEISMAN PAUL T ; VINSON KENNETH D ; FICKE JONATHAN A

Inventor(s): Vinson ; Klofta ; James ; Kenneth Douglas

Designated states:

AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/00 D21H17/07 D21H17/59 D21H19/10 D21H21/14 D21H21/22 D21H27/02 (Advanced/Invention); D21H17/07 D21H17/59 D21H27/02 (Advanced/Non–invention); D21H17/00 D21H19/00 D21H21/22 D21H27/02 (Core/Invention); D21H17/00 D21H27/02 (Core/Non–invention)

International class (IPC 1–7): A47K B32B D21H D21H17/00 D21H17/06 D21H17/07 D21H17/45 D21H19/10 D21H21/14 D21H21/22 D21H27/02

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US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/134 162/135 162/158 162/164.4

Classification Explorer

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0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

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Title: TREATED TISSUE PRODUCTS HAVING INCREASED STRENGTH

Priority:

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Family:

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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):(std): BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std): BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL

DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention); C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

CPC: D21H21/20 D21H23/50 D21H27/02 B31F1/07 B31F2201/0733 B31F2201/0784 B31F2201/0787 D21H17/34 C11D17/041 D21H13/10 D21H19/12 D21H19/18 D21H25/005 D21H21/1 D21H19/2 D21H27/0 B32B2264/0257 B32B2307/54 B32B2555/00 Y10T428/24405 A47L13/17 A61Q1/14 A61Q19/10 C11D3/3749 C11D3/3757 C11D17/049 D21F11/14 D21F11/145 D21H17/36 D21H27/008 D21H27/30 A61K8/0208 A61K8/8111 A61K8/8147 A61Q19/00 D21H17/35 D21H27/001 D21H27/005 D21H27/00 D21H19/22 D21H21/22 B32B29/005 B32B2317/12 B32B2432/00 A47K10/16 B32B5/22 D21H17/37 D21H19/20 D21H21/146 D21H21/18 D21H27/002

European class: A47K10/16 A47L13/17 A61K8/02C A61K8/81C2 A61K8/81K2 A61Q19/00 B31F1/07 B32B5/22 C11D17/04B C11D17/04F C11D3/37C2 C11D3/37C6 D21F11/14 D21F11/14B D21H17/37 D21H21/14D D21H21/18 D21H21/20 D21H21/22 D21H25/00B D21H27/00 D21H27/00D D21H27/00D2B D21H27/00D4 K61Q1/14 K61Q19/10 L31F201/07C2D3G L31F201/07P L31F201/07P2 N04H13/00B2 N21H13/10 N21H17/34 N21H17/35 N21H17/36 N21H17/37 N21H19/12 N21H19/18 N21H19/20 N21H19/22 N21H21/14D N21H21/18 N21H21/20 N21H21/22 N21H23/50 N21H27/00B N21H27/00D N21H27/00D4 N21H27/02 N21H27/30

US class: 162/103 162/103S 162/109 162/111 162/111S 162/112 162/115 162/115S 162/117 162/117S 162/123 162/123S 162/124 162/124S 162/135 162/146 162/157.1 162/157.100S 162/157.2 162/158 162/158S 162/164.1 162/164.100 162/164.100S 162/164.7 162/164.700S 162/168.1 162/168.100P 162/168.100S 162/168.7 162/168.700S 162/169 162/169S 162/173 162/175 162/179 162/179S 162/184 162/204 424/402 424/402S 427/288 427/288S 428/147 428/147P 524/536

Classification Explorer

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US6617490 BA, US6610174 BB, US6570054 BA, US6566446 BA, US6538070 BA, US6525157 BB, US6468392 BB, US6448341 BA, US6447643 BB, US6423270 BA, US6379498 BA, US6365667 BA, US6361784 BA, US6336995 BA, US6316549 BA, US6316459 BA, US6291372 BA, US6287426 BA, US6287418 BA, US6274667 BA, US6231719 BA, US6224714 BA, US6197154 BA, US6194517 BA, US6174667 BA, US6171441 BA, US6171441 B1, US6143135 A, US6129815 A, US6120642 A, US6111023 A, US6096169 A, US6096152 A, US6054020 A, US6039838 A, US6033761 A, US5935384 A, US5885697 A, US5871763 A, US5869575 A, US5844045 A, US5830320 A, US5745778 A, US5702571 A, US5677383 A, US5672248 A, US5656132 A, US5628876 A, US5624790 A, US5595628 A, US5592671 A, US5573637 A, US5566724 A, US5558873 A, US5554467 A, US5543215 A, US5529665 A, US5527171 A, US5518585 A, US5514523 A, US5504172 A, US5500277 A, US5496624 A, US5432000 A, US5431786 A, US5429686 A, US5409063 A, US5404923 A, US5389204 A, US5389202 A, US5385643 A, US5384373 A, US5382400 A, US5334289 A, US5328565 A, US5298124 A, US5278272 A, US5275700 A, US5272236 A, US5260171 A, US5242236 A, US5227242 A, US5160484 A, US5129988 A, US5109063 A, US5104923 A, US5098522 A, US5094886 A, US5085736 A, US5008344 A, US4988781 A, US4975320 A, US4950545 A, US4892220 A, US4878299 A, US4841464 A, US4837070 A, US4818464 A, US4793898 A, US4640810 A, US4599392 A, US4594130 A, US4574021 A, US4528239 A, US4514345 A, US4494278 A, US4440898 A, US4375448 A, US4355066 A, US4340563 A, US4326000 A, US4309510 A, US4222921 A, US4147586 A, US4129528 A, US4100324 A, US4076698 A, US3899388 A, US3879257 A, US3855158 A, US3849241 A, US3812000 A, US3802817 A, US3772076 A, US3700623 A, US3692618 A, US3669822 A, US3645992 A, US3585104 A, US3575173 A, US3556933 A, US3556932 A, US3542615 A, US3502763 A, US3502538 A, US3496551 A, US3430563 A, US3341394 A, US3338992 A, US2010236735 AA, US2010203291 AA, US2008135195 AA, US2008073046 AA, US2008073045 AA, US2008041543 AA, US2008000602 AA, US2008000598 AA, US2007295465 AA, US2007295464 AA, US2007144697 AA, US2007141936 AA, US2007137813 AA, US2007137811 AA, US2007137810 AA, US2007137809 AA, US2007137808 AA, US2007073046 AA, US2007020315 AA, US2006289134 AA, US2006237154 AA, US2006086472 AA, US2006085998 AA, US2006070712 AA, US2006020315 AA, US2006014884 AA, US2005245160 AA, US2005241789 AA, US2005224201 AA, US2005224200 AA, US2005217874 AA, US2005217814 AA, US2005214335 AA, US2005192365 AA, US2005148257 AA, US2005136766 AA, US2005124753 AA, US2005118435 AA, US2005100754 AA, US2005058833 AA, US2005058693 AA, US2005045295 AA, US2005045294 AA, US2005045292 AA, US2005045292, US2005022953 AA, US2005010075 AA, US2004242097 AA, US2004238135 AA, US2004234804 AA, US2004209539 AA, US2004191486 AA, US2004136766 AA, US2004131842 AA, US2004121627 AA, US2004118540 AA, US2004118532 AA, US2004099389 AA, US2004099388 AA, US2004099388, US2004084165 AA, US2004054883 AA, US2004031578 AA, US2004020114 AA, US2004009388, US2003121627 AA, US2003116259 AA, US2003072950 AA, US2003027470 AA, US2002165516 AA, US2002162243 AA, US2002115744 AA, US2002103469 AA, TW200914688 A, TW200839059 A, KR20010031636 A, KR101049625 B1, KR101049625, KR100433328 B1, KR100433328, JP2010503762 T2, JP2007511671 T2, JP2007504301 T2, JP2007297511 A2, JP2006511729 T2, JP2006508279 T2, JP2003515016 T2, JP2002537499 T2, JP2002522632 T2, JP2001520332 T2, JP2001314229 A2, JP2001314229, JP11510567 T2, JP10506440 T2, GB2246373 A1, GB1462441, GB142441, EP1703017 A1, EP1344511 A2, EP0926288 B1, EP0926288 A1, EP0857453 A1, EP0620256 A2, EP0608460 A1, DE4142460 A1, CN1842561, CA2273912 AA,

0) US2009188636A – SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND...

13) Family number: 43554009 (US2009188636A) © PatBase

Title:	SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND APPLIED ONTO A SURFACE THEREOF
Priority:	US20080011557 20080128 US20090350982 20090109 WO2009US31956 20090126 WO2009IB50161 20090116 US20100956380 20101130 US20110159507 20110614

Family:

Publication number	Publication date	Application number	Application date
CA2713480 AA	20100728	CA20092713480	20090126
CA2713480 C	20170124	CA20092713480	20090126
CA2713565 AA	20100728	CA20092713565	20090116
CA2713565 C	20170214	CA20092713565	20090116
MX2010007863 A1	20100809	MX20100007863	20090116
MX2010007865 A1	20100809	MX20100007865	20090126
US2009188636 AA	20090730	US20080011557	20080128
US2009188637 AA	20090730	US20090350982	20090109
US2011104443 AA	20110505	US20100956380	20101130
US2011303374 AA	20111215	US20110159507	20110614
US7867361 BB	20110111	US20080011557	20080128
US7972475 BB	20110705	US20090350982	20090109
US8070913 BB	20111206	US20100956380	20101130
US8187419 BB	20120529	US20110159507	20110614
WO09095807 A2	20090806	WO2009IB50161	20090116
WO09095807 A3	20141030	WO2009IB50161	20090116
WO09097231 A1	20090806	WO2009US31956	20090126

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CHAN ERIC ; PROCTER AND GAMBLE ; PRODOEHL MICHAEL SCOTT ; SALAAM LATISHA EVETTE ; WOODS BROOKE MARIE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** WOODS BROOKE MARIE ; SALAAM LATISHA EVETTE ; PRODOEHL MICHAEL SCOTT ; CHAN ERIC

Inventor(s): BROOKE MARIE WOODS ; ERIC CHAN ; MICHAEL SCOTT PRODOEHL ; LATISHA EVETTE SALAAM

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/12 B32B29/00 B32B3/28 D21H17/33 D21H19/10 D21H19/24 D21H19/72 D21H19/74 D21H21/22 D21H27/30 D21H27/40 (Advanced/Invention); B31F1/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention)

CPC: Y10T428/24463 Y10T428/24612 Y10T428/24802 Y10T428/24455 D21H19/72 D21H19/74 D21H27/005 D21H17/33 D21H19/10 D21H21/22 D21H27/002 Y10T428/31663 Y10T428/31982

European class: D21H17/33 D21H19/10 D21H19/72 D21H19/74 D21H21/22 D21H27/00D D21H27/00D2B

US class: 162/109 162/111 162/112 162/123 162/127 162/135 162/135S 162/158 162/168.1 162/172 162/173 162/179 424/402 428/153 428/154 428/154P 428/172 428/195.1 428/219 428/219S 428/447 428/447S 428/535 428/535S

Classification Explorer

Cited documents: WO9916974 A1, WO9829605 A1, WO09097231 A1, WO07025095 A1, WO06038936 A1, WO05103356 A2, USD570608 S1, US8070913 BB, US7972475 BB, US7867361 BB, US7867361 B1, US7485373 BB, US7485373 B1, US7407560 BB, US7195771 BA, US7147751 BB, US7147751 B1, US6905697 BB, US6872282 BA, US6855229 BB, US6733772 BA, US6624676 BB, US6607637 BA, US6428794 BA, US6416626 BA, US6268028 BA, US6261580 BA, US6238682 BA, US6162329 A, US6162327 A, US6146648 A, US6117525 A, US5981044 A, US5935384 A, US5851352 A, US5840403 A, US5830487 A, US5814188 A, US5716692 A, US5705164 A, US5624676 A, US5624532 A, US5575891 A, US5558873 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5385642 A, US5334286 A, US5246545 A, US5240562 A, US5228954 A, US5223096 A, US5215626 A, US5059282 A, US4981557 A, US4874557 A, US4874465 A, US4764418 A, US4529480

A, US4486374 A, US4364837 A, US436474 A, US4300981 A, US4166981 A, US4166001 A, US4011389 A, US3994771 A, US3964500 A, US3896807 A, US3779791 A, US3772076 A, US3700623 A, US2826551 A, US2388326 A, US2011303374 AA, US2011104443 AA, US2011027596 AA, US2010136294 AA, US2009188637 AA, US2009188636 AA, US2009104430 AA, US2008314535 AA, US2008087395 AA, US2007071797 AA, US2006278357 AA, US2005136265 AA, US2004188045 AA, US2004144511 AA, US2002120241 AA, GB849433 A, EP0803012 B1, EP0688901 A2, EP0613979 A1,

0) US5851352A – SOFT MULTI–PLY TISSUE PAPER HAVING A SURFACE DE...

14) Family number: 11259820 (US5851352A) © PatBase

Title: Soft multi–ply tissue paper having a surface deposited strengthening agent

Priority: US19970854397 19970512 WO1998IB00701 19980511

Family:

Publication number	Publication date	Application number	Application date
AT253665 E	20031115	AT19980917498T	19980511
AU199870712 A1	19981208	AU19980070712	19980511
BRPI9809820 A	20000627	BR1998PI09820	19980511
CA2288721 AA	19991109	CA19982288721	19980511
CA2288721 C	20060321	CA19982288721	19980511
CN1105213 C	20030409	CN19988006892	19980511
CN1261938 A	20000802	CN19988006892	19980511
DE69819491 D1	20031211	DE19986019491	19980511
DE69819491 T2	20040826	DE19986019491T	19980511
EP0981668 A1	20000301	EP19980917498	19980511
EP0981668 B1	20031105	EP19980917498	19980511
JP2001525018 T2	20011204	JP19980548972T	19980511
KR100365396 B1	20021231	KR19997010411	19991111
KR20010012457 A	20010215	KR19997010411	19980511
US5851352 A	19981222	US19970854397	19970512
WO9851862 A1	19981119	WO1998IB00701	19980511

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; DEASON HOWARD THOMAS ; FICKE JONATHAN ANDREW

Inventor(s):(std)**:** DEASON HOHARD T ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; FICKE JONATHAN A ; DEASON THOMAS ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS

Inventor(s): KENNETH D VINSON ; JONATHAN A FICKE ; HOHARD T DEASON ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JONATHAN ANDREW FICKE ; KENNETH DOUGLAS VINSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 B32B29/00 B32B29/06 D21H21/18 D21H27/32 (Advanced/Invention); A47K7/00 D21H21/18 D21H27/32 (Advanced/Non–invention); A47K7/00 B32B29/00 D21H21/14 D21H27/30 (Core/Invention); D21H21/14 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 B32B29/00 D21H21/18 D21H23/22 D21H27/32

CPC: B32B29/06 D21H21/18 D21H27/32

European class: B32B29/06 D21H27/32 N21H21/18

US class: 162/112 162/123 162/124 162/125 162/127 162/129 162/130

Classification Explorer

Cited documents: WO9708387 A1, US5573637 A, US5543067 A, US5538595 A, US5510000 A, US5487813 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4613447 A, US4513051 A, US4507351 A, US4481243 A, US4447294 A, US4300981 A, US4191609 A, US4158594 A, US4112167 A, US4028172 A, US3994771 A, US3974025 A, US3967030 A, US3953638 A, US3818533 A, US3814096 A, US3755071 A, US3484275 A, US3438807 A, US3301746 A, GB1382714 A, EP0144658 A1,

0) US6179961B – TISSUE PAPER HAVING A SUBSTANTIVE ANHYDROUS SOF...

15) Family number: 20686242 (US6179961B)

© PatBase

Title: Tissue paper having a substantive anhydrous softening mixture deposited thereon

Priority: US19970947422 19971008 WO1998US21184 19981008

Family:

Publication number	Publication date	Application number	Application date
AT235604 E	20030415	AT19980950993T	19981008
AU199896896 A1	19990427	AU19980096896	19981008
AU752063 B2	20020905	AU19980096896	19981008
BRPI9813858 A	20000919	BR1998PI13858	19981008
CA2305546 AA	20000403	CA19982305546	19981008
CA2305546 C	20061003	CA19982305546	19981008
CN1281521 A	20010124	CN19988011963	19981008
DE69812672 D1	20030430	DE19986012672	19981008
DE69812672 T2	20031023	DE19986012672T	19981008
EP1023498 A1	20000802	EP19980950993	19981008
EP1023498 B1	20030326	EP19980950993	19981008
ES2192338 T3	20031001	ES19980950993T	19981008
HK1030802 A1	20040116	HK20010100492	20010119
JP2001519487 T2	20011023	JP20000515067T	19981008
KR20010024448 A	20010326	KR20007003753	19981008
TH34268 A	19990806	TH19981003848	19981002
TW396229 B	20000701	TW19980116345	19981001
US6179961 BA	20010130	US19970947422	19971008
WO9918289 A1	19990415	WO1998US21184	19981008
ZA9809019 A	19990408	ZA19980009019	19981002

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9)**:** A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/10 D21H19/68 D21H21/22 (Advanced/Invention);
A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22 (Advanced/Non–invention);
A47K7/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention);
D21H17/00 D21H19/00 (Core/Non–invention)

International class (IPC 1–7)**:** A47K A47K7/00 D21H D21H11/00 D21H17/07 D21H19/10 D21H19/68 D21H21/22

CPC: D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22

European class: D21H21/22 N21H17/07 N21H17/14 N21H17/20 N21H17/59 N21H19/68

US class: 162/109 162/112 162/113 162/127 162/134 162/135 162/158 162/164.4 162/179

Classification Explorer

Cited documents: WO9730217 A1, WO9624723 A1, WO9516824 A1, USH1672 H1, US5538595 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4351699 A, US4300981 A, US3305392 A,

0) US5328053A – PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PRO...

16) Family number: 12524387 (US5328053A) © PatBase

Title: PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PROVIDE FOR UNFOLDING OF THE TOWEL UPON REMOVAL FROM THE PACKAGE

Priority:

AU19940062452	19940223	AU19980063659	19980428	US19930035346	19930322
US19940215066	19940318	US19940210797	19940318	AU19980063660	19980428
WO1994US01800	19940223				

Family:

Publication number	Publication date	Application number	Application date
AT155103 E	19970715	AT19940909718T	19940223
AU199462452 A1	19941011	AU19940062452	19940223
AU199863659 A1	19980709	AU19980063659	19980428
AU199863660 A1	19980709	AU19980063660	19980428
AU692437 B2	19980611	AU19940062452	19940223
AU704113 B2	19990415	AU19980063659	19980428
AU704117 B2	19990415	AU19980063660	19980428
CA2157569 AA	19950905	CA19942157569	19940223
CA2157569 C	20001114	CA19942157569	19940223
CN1042516 C	19990317	CN19941091567	19940223
CN1085177 C	20020522	CN19981006145	19940223
CN1085177 C	20020522	CN19981006145	19980331
CN1085178 C	20020522	CN19981006147	19940223
CN1085178 C	20020522	CN19981006147	19980331
CN1088034 C	20020724	CN19981006242	19940223
CN1088034 C	20020724	CN19981006242	19980331

CN1119847 A	19960403	CN19941091567	19940223
CN1223226 A	19990721	CN19981006242	19980331
CN1238290 A	19991215	CN19981006145	19980331
CN1238291 A	19991215	CN19981006147	19980331
DE69404133 D1	19970814	DE19946004133	19940223
DE69404133 T2	19971030	DE19946004133T	19940223
DK0689516 T3	19970818	DK19940909718T	19940223
EP0689516 A1	19960103	EP19940909718	19940223
EP0689516 B1	19970709	EP19940909718	19940223
ES2104365 T3	19971001	ES19940909718T	19940223
FI954459 A	19950921	FI19950004459	19950921
FI954459 A0	19950921	FI19950004459	19950921
GR3024077 T3	19971031	GR19970401443T	19970710
HK1001252 A1	19980605	HK19980100083	19980105
JP3556221 B2	20040818	JP19940521034T	19940223
JP8508224 T2	19960903	JP19940521034T	19940223
KR19967000944 A	19960224	KR19957004015	19940223
NO307747 B1	20000522	NO19950003769	19950922
NO953769 A	19950922	NO19950003769	19950922
NO953769 A0	19950922	NO19950003769	19950922
NZ262656 A	19970822	NZ19940262656	19940223
SG64327 A1	19990427	SG19960004178	19940223
US5328053 A	19940712	US19930035346	19930322
US5361936 A	19941108	US19940210797	19940318
US5363986 A	19941115	US19940215066	19940318
VN1193 A1	20000425	VN19950001369	19950909
WO9421531 A1	19940929	WO1994US01800	19940223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; PROCTOR AND GAMBLE CO ; BERG CHARLES JOHN JR ; COOK CHARLES DENVER

Inventor(s):(std)**:** JOHNBOGER JR CHLARS ; JOHNBOGER JR CHARLS ; JOHNBOGER CHARLS JR ; JOHN JR BERG CHARLES ; DENVER COOK CHARLES ; DANFEKUKE CHARLS ; COOK DENVER CHARLES ; COOK CHARLES DENVER ; COOK CHARLES D ; COOK CHARLES ; KUKE CHARLES DANVER ; BORGECHARLESJOHN KUKECHARLSDAN ; BORGE CHARLES JOHN ; BERG JR CHARLES JOHN ; BERG JOHN CHARLES ; BERG CHARLES JOHN JR ; BERG CHARLES JOHN ; BERG CHARLES J ; BERG CHARLES

Inventor(s): KUKECHARLSDANVER BORGECHARLESJOHN JR ; BERG CHARLES JOHN JR CINCINNATI OH 45231 US ; JR CHLARS JOHNBOGER ; JR CHARLS JOHNBOGER ; JR CHARLES JOHN BERG ; JR BERG CHARLES JOHN ; JR ; CHARLS JOHNBOGER JR ; CHARLS DANFEKUKE ; CHARLES JOHN BORGE ; CHARLES JOHN BERG JR ; CHARLES JOHN BERG ; CHARLES DENVER COOK ; CHARLES DANVER KUKE ; CHARLES COOK DENVER ; CHARLES BERG JOHN ; COOK CHARLES DENVER FAIRFIELD OH 45014 US

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN

International class (IPC 8–9): A45D37/00 B65D75/58 B65D83/08 (Advanced/Invention); B65D83/08 (Advanced/Non–invention); B65D75/52 B65D83/08 (Core/Invention)

International class (IPC 1–7):	B65D75/28 B65D75/58 B65D75/62 B65D83/08 B65D85/16 B65H1/00 B66D76/68 B66D83/08
CPC:	Y10S206/812 B65D75/58 A45D37/00 A45D2200/1027 A47K2010/428
European class:	A45D37/00 B65D75/58 K45D200/10B4 K47K10/42F
US class:	206/484 206/494 206/812 221/63
Classification Explorer	
Cited documents:	US5246137 A, US5242057 A, US5090592 A, US5076465 A, US5025524 A, US4938347 A, US4890744 A, US4714643 A, US4580695 A, US4550855 A, US4387832 A, US4332319 A, US4219129 A, US4185754 A, US4180160 A, US4168000 A, US4143762 A, US4131195 A, US4002264 A, US3976076 A, US3896966 A, US3841466 A, US3654928 A, US3499575 A, US3485413 A, US3285405 A, US3266544 A, US2923435 A, US2823089 A, US2748821 A, US2629419 A, US2402982 A, US2348041 A, US2211494 A, US2138425 A, US2118473 A, US2093724 A, US2005490 A, US1980059 A, US1730074 A, US1638462 A, US1628981 A, US1583293 A, US1228251 A, US1212349 A, US1123470 A, US1039899 A, EP0544156 B1, EP0253308 A1, DE9106555 U, DE8628368 U, DE2328177 A1,

0) US2013313279A – TISSUE PAPER SYSTEMS

17) Family number: 50950071 (US2013313279A) © PatBase

Title:	TISSUE PAPER SYSTEMS
Priority:	CO20130117026 20130510 WO2010EP65193 20101011 ZA20130002224 20130325

Family:

Publication number	Publication date	Application number	Application date
AU2010362447 AA	20120419	AU20100362447	20101011
CN103261050 A	20130821	CN201080070589	20101011
CO6731083 A2	20130815	CO20130117026	20130510
EP2627581 A1	20130821	EP20100770761	20101011
EP2627581 B1	20170920	EP20100770761	20101011
IN03030DN2013 A	20141114	IN2013DN03030	20130405
MX2013003995 A1	20130628	MX20130003995	20101011
RU2013120951 A	20141120	RU20130120951	20101011
TN2013000126 A1	20140625	TN20130000126	20130322
US2013313279 AA	20131128	US20100878784	20101011
WO12048724 A1	20120419	WO2010EP65193	20101011
ZA201302224 A	20140129	ZA20130002224	20130325

Probable Assignee:	SCA HYGIENE PRODUCTS AB
Assignee(s):(std):	BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; THOREN WENCKE AGNETA ; WONG ANDREW ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; KIM SINIZ ; SUDWORTH JAN CASPAR
Assignee(s):	SCA HYGIENE PRODUCTS AB
Inventor(s):(std):	BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; SAARVALI EVA LI ; SAARVALI MONICA EVA LI ; KIM SINIZ ; SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; SUDWORTH JAN CASPER ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; THOREN WENCKE AGNETA ; WONG ANDREW
Inventor(s):	WECKE AGNETA THOREN ; WENCKE AGNETA THOREN ; SINIZ KIM ; MARCEL SCHMIDT ; MONICA EVA LI SAARVAELI ; SAARVALI MONICA EVALI ; EVA LI SAARVALI ; JAS CASPAR SUDWORTH ; ELEANOR DAVIES ; BERTOLD ENGLER ; ALI BAGHERZADEH ; ANDREW WONG
Designated states:	

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/0876 A47K10/424 B65D75/585 B65D83/0847

European class: B65D75/58E2 B65D83/08D

US class: 206/233 221/45

Classification Explorer

Cited documents: US5054612 A, US3372837 A, US3272118 A, US3209941 A, US2160412 A, DE9303965 U, DE1781377 U, CA2457204 AA,

0) US5840403A – MULTI–ELEVATIONAL TISSUE PAPER CONTAINING SELEC...

18) Family number: 10953384 (US5840403A) © PatBase

Title: MULTI–ELEVATIONAL TISSUE PAPER CONTAINING SELECTIVELY DISPOSED CHEMICAL PAPERMAKING ADDITIVE

Priority:

US19960664468	19960614	US19960664468	19960617	US19990384910	19990827
US19980168227	19981008	US19980099885P	19980911	US19980099885P	19990911
WO1999US20760	19990909	WO1997US10480	19970617		

Family:

Publication number	Publication date	Application number	Application date
AR018207 AA	20011031	AR1999P104569	19990910
AT254214 E	20031115	AT19990946852T	19990909
AU199734908 A1	19980107	AU19970034908	19970617
AU199959170 A1	20000403	AU19990059170	19990909
AU199959170 A5	20000403	AU19990059170	19990909
AU780820 B2	20050421	AU19990059170	19990909
CL1999002066 A1	20000516	CL19990002066	19990910
DE69912819 D1	20031218	DE19996012819	19990909
DE69912819 T2	20040923	DE19996012819T	19990909
EP0991817 A1	20000412	EP19970931217	19970617
EP1112409 A1	20010704	EP19990946852	19990909
EP1112409 B1	20031112	EP19990946852	19990909
ES2209507 T3	20040616	ES19990946852T	19990909
IN01604DE1997 A	20160831	IN1997DE01604	19970616
JP2001508503 T2	20010626	JP19980503240T	19970617
JP2003535225 T2	20031125	JP20000570420T	19990909
PE11732000 A1	20001231	PE19990000920	19990910
TH36193 A	19991215	TH19971002346	19970616
TH42972 A	20010209	TH19991003324	19990906
US5840403 A	19981124	US19960664468	19960614
US6117525 A	20000912	US19980168227	19981008
US6420013 BA	20020716	US19990384910	19990827
WO0015907 A1	20000323	WO1999US20760	19990909

WO9748854 A1	19971224	WO1997US10480	19970617
ZA9705340 A	19980126	ZA19970005340	19970617

Probable Assignee: PROCTOR AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER GAMBLE CO ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI

Inventor(s):(std)**:** HO KLEINWACHTER MONICA ; HO KLEINWAECHTER MONICA ; HO MONICA ; MELVIN JOE BRIAN ; PHAN DEAN VAN ; TROKHAN DENNIS ; TROKHAN PAUL DENNIS ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON ; TROKHAN ; DEAN VAN PHAN ; HO ; MONICA ; MONICA HO ; NORTEAMERICANOS ; PAUL DENNIS ; PAUL DENNIS TROKHAN ; JOE BRIAN MELVIN ; KENNETH DOUGLAS ; KENNETH DOUGLAS VINSON

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): B32B29/06 C08K3/16 C08K5/17 C08L71/02 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/32 D21H19/74 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 D21H27/30 (Advanced/Invention);
D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 (Advanced/Non–invention);
C08K3/00 C08K5/00 C08L71/00 D21H19/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 (Core/Invention);
D21H17/00 D21H21/22 (Core/Non–invention)

International class (IPC 1–7): A61F A61L B32B3/00 B32B3/02 C08K3/16 C08K5/17 C08L71/02 D21H D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/74 D21H21/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 D21H5/24

CPC: Y10T428/24463 Y10T428/24479 Y10T428/24554 Y10T428/24612 Y10T428/24802 D21H19/74 D21H27/30 D21H21/14 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/375 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 Y10T442/2311 Y10T442/2352 Y10T442/2484 Y10T442/2492 Y10T442/2582 Y10T442/2762 Y10T442/695 Y10T442/696

European class: D21H19/74 D21H21/14 D21H27/02 D21H27/30 N21H17/06 N21H17/07 N21H17/14 N21H17/28 N21H17/37B N21H17/53 N21H17/55 N21H21/18 N21H21/20 N21H21/22 N21H21/24 N21H21/28

US class: 162/113 162/123 162/127 162/134 162/158 162/162 162/164.4 162/168.4 162/184 428/154 428/156 428/165 428/172 428/195 428/195.1 442/102 442/118 442/119 442/130 442/152 442/413 442/414 442/97

Classification Explorer

Cited documents: WO9829605 A1, WO9748854 A1, WO9747809 A1, WO9619616 A1, WO9535411 A1, USRE32649 E, USH1672 H1, US6117525 A, US5840403 A, US5624532 A, US5575891 A, US5573637 A, US5549928 A, US5547747 A, US5543067 A, US5538595 A, US5527428 A, US5525345 A, US5510000 A, US5494731 A, US5487813 A, US5487736 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5328759 A, US5312522 A, US5281207 A, US5279767 A, US5277761 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5242435 A, US5240562 A, US5228954 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5175046 A, US5171391 A, US5164046 A, US5156902 A, US5149335 A, US5118376 A, US5079034 A, US5071681 A, US5059282 A, US5013309 A, US4994053 A, US4959125 A, US4950545 A, US4940513 A, US4892754 A, US4888238 A, US4880419 A, US4874465 A, US4865886 A, US4842927 A, US4835020 A, US4820294 A, US4795530 A, US4761322 A, US4748076 A, US4735738 A, US4715918 A, US4699823 A, US4637859 A, US4613447 A, US4559050 A, US4529480 A, US4513051 A, US4481243 A, US4460642 A, US4447294 A, US4354487 A, US4310593 A, US4300981 A, US4293600 A, US4235237 A, US4191609 A, US4158594 A, US4145464 A, US4112167 A, US4082878 A, US4071650 A, US4061846 A, US4028172 A, US4008353 A, US3994771 A, US3993820 A, US3974025 A, US3967030 A, US3965904 A, US3881632 A, US3849173 A, US3818533 A, US3814096 A, US3755220 A, US3755071 A, US3721242 A, US3670731 A, US3554788 A, US3484275 A, US3438807 A, US3369700 A, US3301746 A, US32649 A, JP7189171 A2,

JP63291908 A2, JP3180598 A2, JP2001518576 T2, JP2001507761 T2, GB1452325 A, EP0304952 A2, EP0293762 A2, EP0291316 A2, EP0290814 A2, EP0262405 A2, EP0257308 A2, EP0160572 A2, EP0144658, EP0040087 B1, EP0040087 A2, EP0033988 A2, DE2222780 A1,

0) US2009101748A – CORELESS ROLL OF WEB MATERIAL, MACHINE AND METH...

19) Family number: 33602444 (US2009101748A) © PatBase

Title: CORELESS ROLL OF WEB MATERIAL, MACHINE AND METHOD FOR ITS PRODUCTION

Priority: IT2005FI00086 20050502 US20080919666 20081114 WO2006IT00288 20060427 US20110067745 20110623

Family:

Publication number	Publication date	Application number	Application date
AT480483 E	20100915	AT20060728542T	20060427
AU2006242795 AA	20061109	AU20060242795	20060427
AU2006242795 BB	20101216	AU20060242795	20060427
BRPI0611089 A2	20100803	BR2006PI11089	20060427
CA2607166 AA	20071101	CA20062607166	20060427
CA2607166 C	20131231	CA20062607166	20060427
CN101171194 A	20080430	CN200680015073	20060427
CN101171194 B	20120104	CN200680015073	20060427
DE602006016786 D1	20101021	DE200660016786T	20060427
EP1888440 A1	20080220	EP20060728542	20060427
EP1888440 B1	20100908	EP20060728542	20060427
ES2350639 T3	20110125	ES20060728542T	20060427
IL186844 A0	20080209	IL20070186844	20071022
IL186844 A1	20111031	IL20060186844	20060427
IN04925CN2007 A	20080125	IN2007CN04925	20071101
IN272243 B	20160401	IN2007CN04925	20071101
ITFI20050086 A1	20061103	IT2005FI00086	20050502
JP2008540286 T2	20081120	JP20080509580T	20060427
JP5070202 B2	20121107	JP20080509580T	20060427
KR101279202 B1	20130626	KR20077027561	20060427
KR20080007481 A	20080121	KR20077027561	20060427
RU2007144610 A	20090610	RU20070144610	20060427
RU2408522 C2	20110110	RU20070144610	20060427
US2009101748 AA	20090423	US20060919666	20060427
US2012186751 AA	20120726	US20110067745	20110623
US7992818 BB	20110809	US20060919666	20060427
US8689849 BB	20140408	US20110067745	20110623
WO06117821 A1	20061109	WO2006IT00288	20060427

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; ROMANO MADDALENI ; DZHELLI MAURO

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05B1/00 B05C1/00 B05C9/00 B32B37/02 B65H18/08 B65H18/16 B65H18/20 B65H18/26 B65H18/28 B65H19/22 B65H19/28 B65H35/04 B65H39/14 (Advanced/Invention); B65H18/00 B65H18/08 B65H18/14 B65H19/22 B65H19/28 B65H35/04 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22

CPC: B65H19/2276 B65H2701/1846 B65H18/28

European class: B65H18/28 B65H19/22C L65H701/1846

US class: 118/75 118/75S 156/457 156/459 156/470 242/166 242/520 242/520S 242/526.1 242/526.100S 242/527.3 242/527.300S 242/528 242/532.1 242/532.2 242/532.3 242/541.2 242/541.200P 242/547 242/547S

Classification Explorer

Cited documents: US6617007 BA, US5839680 A, US5722808 A, US5722608 A, US5690296 A, US5639046 A, US5603467 A, US5538199 A, US5397284 A, US5344091 A, US4783015 A, US2002190152 AA, US1499774 A, JPH09295726, JPH06171807, JP9226826 A2, JP9226826, JP9095726 A2, JP7148691 A2, JP7148691, JP6336390 U, JP63036390 U, JP63036390 U, JP6191695 A2, JP6191695, JP6171807 A2, JP6171807, JP61293799 A2, JP61129542 U1, JP61129542 U, JP6017180 A2, JP5161049 U, JP51061049 U, JP51061049 U, JP2007134051 A2, JP200708663, JP2007008663 A2, JP2007008663, JP2004042920 A2, JP2004042920, EP0698570 A1, EP0580561 A2,

0) US2013292402A – TISSUE PAPER SYSTEMS

20) Family number: 50950077 (US2013292402A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117025 20130510 EP20100766028 20101011 WO2010EP65197 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362450 AA	20120419	AU20100362450	20101011
CN103249341 A	20130814	CN201080070536	20101011
CO6720971 A2	20130731	CO20130117025	20130510
DE602010029544 D1	20160128	DE201060029544T	20101011
EP2627230 A1	20130821	EP20100766028	20101011
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IN02902DN2013 A	20141114	IN2013DN02902	20130402
MX2013003991 A1	20130628	MX20130003991	20101011
RU2013120941 A	20141120	RU20130120941	20101011
TN2013000123 A1	20140625	TN20130000123	20130322
US2013292402 AA	20131107	US20100878803	20101011
WO12048727 A1	20120419	WO2010EP65197	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): BAGHERZADEH ALI ; BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; LARSSON BJOERN ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; WONG ANDREW ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; LARSSON BJOERN ; SAARVALI MONICA EVA LI ; LARSSON BJORN ; BAGHERZADEH ALI ; SAARVALI EVA LI ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; A WENG ; WONG ANDREW

Inventor(s): ALI BAGHERZADEH ; WECKE AGNETA THOREN ; BJOERN LARSSON ; ANDREW WONG ; BJORN LARSSON ; MONICA EVA LI SAARVAELI ; RALPH BREMENKAMP ; MARCEL SCHMIDT ; WENCKE AGNETA THOREN ; ELEANOR DAVIES ; JULIA POLINNA ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH ; EVA LI SAARVALI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D83/0805 B65D83/0894

European class: A47K10/42C B65D83/08B B65D83/08H

US class: 221/35

Classification Explorer

Cited documents: WO10126859 A1, WO0164525 A2, US2160412 A, US2009250486 AA, US2004124203 AA, US2004124202 AA, US2004099679 AA, GB2357494 A1,

0) US2013270290A – TISSUE PAPER SYSTEMS

21) Family number: 50950074 (US2013270290A)

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Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65194 20101011 ZA20130002090 20130320

Family:

Publication number	Publication date	Application number	Application date
AU2010362448 AA	20120419	AU20100362448	20101011
CN103249654 A	20130814	CN201080070537	20101011
EP2627586 A1	20130821	EP20100766027	20101011
EP2627586 B1	20170920	EP20100766027	20101011
IN02901DN2013 A	20141114	IN2013DN02901	20130402
MX2013003948 A1	20130605	MX20130003948	20101011
RU2013121579 A	20141120	RU20130121579	20101011
TN2013000127 A1	20140625	TN20130000127	20130322
US2013270290 AA	20131017	US20100878800	20101011
WO12048725 A1	20120419	WO2010EP65194	20101011
ZA201302090 A	20140226	ZA20130002090	20130320
ZA201302090 A	20140129	ZA20130002090	20130320

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): A WENG ; ENGLER BERTOLD ; KRIEKEN BRAM VAN ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Inventor(s): MARCEL SCHMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B23B3/26 B23B3/28 B32B3/02 B32B3/26 B32B3/28 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/08 A47K10/42 B32B3/02 B32B3/266 B32B3/28 A47K10/424 B65D75/585 B65D83/0894 Y10T428/15 Y10T428/24628

European class: A47K10/42C B65D75/58E2 B65D83/08H

US class: 221/48 428/174 428/43

Classification Explorer

Cited documents: US7211311 BB, US6817484 BB, US6644501 BB, US3499575 A, US3456844 A, US3265241 A, US3209941 A, US2323395 A, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1213230 A1, EP1201564 A1, EP1195333 A1, EP0983740 A2,

DE102007035501 A1

CN1365939 A, CN1349918 A, CN1250639 A,

0) US2010270412A – FOLDED PERFORATED WEB

22) Family number: 43427358 (US2010270412A) © PatBase

Title: FOLDED PERFORATED WEB

Priority: CO20100088022 20100719 RU20100129426 20071219 WO2007SE51037 20071219

Family:

Publication number	Publication date	Application number	Application date
AU2007362656 AA	20090625	AU20070362656	20071219
AU2007362656 BB	20140814	AU20070362656	20071219
BRPI0722301 A2	20140422	BR2007PI22301	20071219
CN101969827 A	20110209	CN200780102362	20071219
CO6280456 A2	20110520	CO20100088022	20100719
EP2244621 A2	20101103	EP20070861132	20071219
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RU2010129426 A	20120127	RU20100129426	20071219
RU2462171 C2	20120927	RU20100129426	20071219
US2010270412 AA	20101028	US20070809638	20071219
US8668159 BB	20140311	US20070809638	20071219
WO09078774 A2	20090625	WO2007SE51037	20071219
WO09078774 A3	20101209	WO2007SE51037	20071219

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std): FINGAL LARS ; GUNGNER SUSANNE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; TONDKAR KAVEH ; STRANDQVIST MIKAEL

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB

Inventor(s):(std): FINGAL LARS ; GUNGNER SUSANNE ; STRANDQVIST MIKAEL ; TONDKAR KAVEH ; TONDKAR KAVEKH ; SUSANNE GUNGNER ; STRANDKVIST MIKAEHL ; MIKAEL STRANDQVIST ; LARS FINGAL ; KAVEH TONDKAR

Inventor(s): STRANDKVIST MIKAEHL'

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/22 A47K10/34 A47K10/38 B65H18/28 B65H35/04 B65H45/09 B65H45/22 (Advanced/Invention); A47K10/00 A47K10/24 (Core/Invention)

CPC: Y10T225/393 A47K10/16 A47K10/3818 B65H35/04 B65H45/09 B65H45/22 B65H2701/1924

European class: A47K10/16 A47K10/38B1 B65H35/04 B65H45/09 B65H45/22 L65H701/1924

US class: 206/409 225/106 242/160.1 242/160.100S 242/160.4 242/160.400P 242/526.1 242/526.100S 242/570 242/570S

Classification Explorer

Cited documents: WO9937747 A1, WO9837794 A1, WO06130057 A1, WO06080869 A1, WO03069038 A1, WO0113880 A1, US7354598 BB, US6286680 BA, US6168558 BA, US6168558 B1, US5350624 A, US5073235 A, US4597494 A, US4535912 A, US4529480 A, US4374888 A, US4340563 A, US3849241 A, US3826361 A, US3592161 A, US3301746 A, US2007262187 AA, US2006184148 AA, US2005186167 AA, US2004191300 AA, GB2400596 A1, GB2002327 A1, EP1667563 B1, EP1333868 B1, EP0953516 A1, EP0667612 A2, EP0258515 A1, DE2437108 A1, CN2508677 Y, BE877568 A, AU497647 B2, AU2876577,

0) US2010075094A – MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ...

23) Family number: 41774628 (US2010075094A) © PatBase

Title: MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ROLLS OF SHEETS WITH ALTERNATING CUTS AND PRE–CUTS

Priority:

CA20132803402	20130123	CN201380008541	20130208	US20120359254	20120126
US20120370511	20120210	FR20060009546	20061031	US20090513004	20090430
WO2007FR01737	20071022	WO2007FR75094	20071022	US20120632501	20121001
WO2013US25334	20130208	US20140576534	20141219	WO2015US66015	20151216

Family:

Publication number	Publication date	Application number	Application date
AU2013216894 AA	20130815	AU20130216894	20130208
AU2013216894 BB	20171019	AU20130216894	20130208
CA2667133 AA	20090421	CA20072667133	20071022
CA2667133 C	20150127	CA20072667133	20071022
CA2803402 AA	20130726	CA20132803402	20130123
CA2864324 AA	20140808	CA20132864324	20130208
CA2971442 AA	20170616	CA20152971442	20151216
CN104105434 A	20141015	CN201380008541	20130208
CN104105434 B	20170815	CN201380008541	20130208
CN107212794 A	20170929	CN201710614694	20130208
EA019133 B1	20140130	EA20090000561	20071022
EA200900561 A1	20091230	EA20090000561	20071022
EP2094137 A2	20090902	EP20070866414	20071022
EP2811882 A1	20141217	EP20130746627	20130208
EP2811882 A4	20160413	EP20130746627	20130208

EP3232884 A1	20171025	EP20150870956	20151216
FR2907654 A1	20080502	FR20060009546	20061031
FR2907654 B1	20100129	FR20060009546	20061031
HK1203042 A1	20151016	HK20150103571	20150413
JP2015511839 A2	20150423	JP20140556723	20130208
JP2015511839 T2	20150423	JP20140556723T	20130208
MX2013000887 A1	20130725	MX20130000887	20130122
MX2014009609 A1	20150306	MX20140009609	20130208
US2010075094 AA	20100325	US20070513004	20071022
US2012138625 AA	20120607	US20120370511	20120210
US2012237711 AA	20120920	US20120359254	20120126
US2013040089 AA	20130214	US20120632501	20121001
US2015102048 AA	20150416	US20140576534	20141219
US8298640 BB	20121030	US20070513004	20071022
US8741410 BB	20140603	US20120632501	20121001
US8802211 BB	20140812	US20120359254	20120126
WO08056042 A2	20080515	WO2007FR01737	20071022
WO08056042 A3	20081218	WO2007FR01737	20071022
WO13119940 A1	20130815	WO2013US25334	20130208
WO16100462 A1	20160623	WO2015US66015	20151216

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** CATTACIN GILLES ; ENGGASSER YVES ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; DIXIE CONSUMER PRODUCTS LLC ; ANDRES ANN M ; CASE ABBY C ; GENNRICH DAVID JAMES ; MARIETTA TONDIN JULIEN ; LAURENT PIERRE ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; GEORGIA PACIFIC FRANCE SOC PAR ; NEVEU JEAN LOUIS ; GEORGIA PACIFIC FRANCE

Assignee(s): GEORGIA PACIFIC FRANCE SOCIETE PAR ACTIONS SIMPLIFIEE ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A ; GEORGIA PACIFIC FRANCE11 ROUTE INDUSTRIELLEF−68320KUNHEIMFR ; GEORGIA PACIFIC FRANCE SOC PAR ACTIONS SIMPLIFIEE ; GENNRICH DAVID J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; CASPER TED ALLEN ; DESIGN CONCEPTS INC

Inventor(s):(std)**:** ANDRES ANN M ; CASE ABBY C ; CASPER TED ALLEN ; CATTACIN GILLES ; ENGGASSER YVES ; GENNRICH DAVID JAMES ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; NEVEU JEAN LOUIS ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; STRAHM CHRISTOPHER T CT ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A SA ; LATHAM STEPHEN A ; KALLSEN KENT J KJ ; GENNRICH DAVID J DJ ; GENNRICH DAVID J ; CASE ABBY C AC

Inventor(s): ANN M ANDRES ; ABBY C CASE ; DAVID J GENNRICH ; CHRISTOPHER T STRAHM ; JULIEN MARIETTA TONDIN ; GILLES CATTACIN ; KENT J KALLSEN ; STEPHEN A LATHAM ; REMY RUPPEL ; PIERRE LAURENT ; STRAHM CHRISTOPHER TUS ; YVES ENGGASSER ; NEVEU JEAN LOUISFR ; LATHAM STEPHEN AUS ; KALLSEN KENT JUS ; GENNRICH DAVID JUS ; JEAN LOUIS NEVEU ; ENGGASSER YVESFR ; CATTACIN GILLESFR ; CASE ABBY CUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/34 A47K10/36 A47K10/38 A47K10/40 A47K10/42 A47K10/44 B26D1/62 B31B49/00 B32B3/24 B65H16/00 B65H16/02 B65H20/02 B65H23/182 B65H35/04 B65H35/10 B65H37/06 B65H45/12 B65H45/14 B65H45/16 B65H45/18 B65H45/28 D21F7/00 (Advanced/Invention);

A47K10/00 B26D1/00 B65H16/00 (Core/Invention);
A47K B65H (Subclass/Invention)

CPC: B31D1/0031 B31D1/04 B65H16/005 B65H2301/41306 B65H2701/121 B65H45/28 Y10T428/15 A47K10/16 Y10T83/0515 Y10T83/483 B65H35/10 A47K10/3625 B65H37/06 A47K10/26 A47K10/3612 A47K10/3687 A47K10/426 A47K2010/3668 G07F11/045 B65H31/02 B65H31/24 B65H31/3009 B65H33/00 B65H33/14 B65H2301/4212 B65H2301/4213 B65H2405/11152 B65H2405/332 B65H2511/30 A47K10/42 B65H45/142 B65H45/18 B65H2701/1924

European class: A47K10/16 A47K10/42 B31D1/00F B31D1/04 B65H45/14D B65H45/18 L65H701/1924

US class: 221/1 221/30 221/30P 221/34 221/34S 221/40 428/43 428/43P 493/369 83/343 83/343S 83/37 83/37S

Classification Explorer

Cited documents: WO9837794 A1, WO9721377 A1, WO13119940 A1, WO08056042 A2, WO06007256 A1, USRE34288 E, US8662346 BB, US8298640 BB, US7971514 BB, US7967235 BB, US7954405 BB, US7837077 BB, US7832678 BB, US7416162 BB, US7370826 BB, US7234610 BB, US7168602 BB, US7137539 BB, US7063656 BA, US6964395 BA, US6959885 BB, US6915980 BB, US6892898 BA, US6889970 BB, US6884209 BB, US6874653 BB, US6871815 BB, US6860447 BB, US6838887 BB, US6826991 BA, US6736348 BA, US6651922 BA, US6644503 BB, US6622888 BB, US6592067 BB, US6581500 BA, US6536624 BB, US6464120 BA, US6460727 BA, US6447864 BB, US6440052 BA, US6352172 BA, US6237871 BA, US6228454 BA, US6152397 A, US6145782 A, US6145779 A, US6109473 A, US6090467 A, US607498 A, US6059711 A, US6029921 A, US6010090 A, US5979822 A, US5846412 A, US5836862 A, US5785274 A, US5704566 A, US5582362 A, US5526973 A, US5496605 A, US5364332 A, US5310398 A, US5244161 A, US5205454 A, US5131302 A, US511983 A, US5064179 A, US5048809 A, US5044873 A, US4982337 A, US495516 A, US4944466 A, US4928432 A, US4905868 A, US4856724 A, US4846412 A, US4807824 A, US4756485 A, US4753369 A, US4651895 A, US4648530 A, US4643705 A, US4627117 A, US459516 A, US4566608 A, US4552315 A, US453003 A, US4521209 A, US4457964 A, US4403748 A, US4378912 A, US4317547 A, US4236679 A, US4134521 A, US400913 A, US390328 A, US3877576 A, US3845289 A, US3570335 A, US3326365 A, US3276706 A, US2328109 A, US2105707 A, US2053786 A, US2016088982 AA, US2013040089 AA, US2012237711 AA, US2012138625 AA, US2011319244 AA, US2011254214 AA, US2011233254 AA, US2011226883 AA, US2011210137 AA, US2011184864 AA, US2011177278 AA, US2011168831 AA, US2011139920 AA, US2011132920 AA, US2010304945 AA, US2010224647 AA, US2010114366 AA, US2010075094 AA, US2009212153 AA, US2009155512 AA, US2008280088 AA, US2008197142 AA, US2008173661 AA, US2007544 A, US2007098944 AA, US2006273100 AA, US2006175344 AA, US2005067519 AA, US2004254054 AA, US2003183717 AA, US2003169046 AA, JP7069529 A2, JP6022882 A2, JP2012006741 A2, JP2009039226 A2, JP2005065730 A2, JP2004129863 A2, JP2003290072 A2, JP2003144344 A2, JP2002017601 A2, JP11178741 A2, GB2377204 A1, FR2873562 A1, FR2761252 A1, EP1232715 B1, EP1231823 B1, EP1230886 B1, EP0930039 B1, EP0865247 B1, DE20314147 U1, DE20107189 U1, DE10256295 A1, CN101883514 A,

0) US2013270289A – TISSUE PAPER SYSTEMS

24) Family number: 50950085 (US2013270289A)

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Title: TISSUE PAPER SYSTEMS

Priority: CO20130117011 20130510 EP20100768003 20101011 WO2010EP65219 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362454 AA	20120419	AU20100362454	20101011
CN103249655 A	20130814	CN201080070542	20101011
CO6720969 A2	20130731	CO20130117011	20130510
DE602010038647 D1	20170119	DE201060038647T	20101011
EP2627587 A1	20130821	EP20100768003	20101011
EP2627587 B1	20161207	EP20100768003	20101011

IN02960DN2013 A	20141114	IN2013DN02960	20130404
MX2013003990 A1	20130628	MX20130003990	20101011
RU2013121581 A	20141120	RU20130121581	20101011
TN2013000125 A1	20140625	TN20130000125	20130322
US2013270289 AA	20131017	US20100878795	20101011
WO12048731 A1	20120419	WO2010EP65219	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; VAN KRIEKEN BRAM ; WONG ANDREW ; ENGLER BERTOLD ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SHCMIDT MARCEL ; SUDWORTH JAS CASPAR ; VAN KRIEKER BRAM ; WONG ANDREW ; VAN KRIEKEN BRAM ; SUDWORTH JAN CASPAR ; SCHMIDT MARCEL ; ENGLER BERTOLD ; A WENG ; KRIEKEN BRAM VAN

Inventor(s): MARCEL SCHMIDT ; MARCEL SHCMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN ; BRAM VAN KRIEKER ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/32 A47K10/42 B65D83/08 (Advanced/Invention)

CPC: B65D83/08 A47K10/421 A47K10/424 A47K2010/3266 B65D83/0805 B65D83/0894

European class: A47K10/42B A47K10/42C B65D83/08B B65D83/08H K47K10/32W

US class: 221/48

Classification Explorer

Cited documents: US7134572 BB, US6905025 BB, US6817484 BB, US6758369 BB, US5390820 A, US4586630 A, US3209941 A, US2323395 A, US2160412 A, US2005279757 AA, US2004256404 AA, US2002190074 AA, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1201564 A1,

DE102007035501 A1

CN1349918 A,

0) US5846380A – CREPED TISSUE PAPER EXHIBITING UNIQUE COMBINATI...

25) Family number: 20401067 (US5846380A) © PatBase

Title: Creped tissue paper exhibiting unique combination of physical attributes

Priority: US19950495912 19950628 US19970847552 19970423 WO1996US10197 19960603

Family:

Publication number	Publication date	Application number	Application date
AT223536 E	20020915	AT19960921574T	19960603
AU199662771 A1	19970130	AU19960062771	19960603
AU711442 B2	19991014	AU19960062771	19960603
CA2225176 AA	19971218	CA19962225176	19960603
CA2225176 C	20040817	CA19962225176	19960603
DE69623477 D1	20021010	DE19966023477	19960603

DE69623477 T2	20030605	DE19966023477T	19960603	
EP0835344 A1	19980415	EP19960921574	19960603	
EP0835344 B1	20020904	EP19960921574	19960603	
ES2181896 T3	20030301	ES19960921574T	19960603	
JP11510567 T2	19990914	JP19970504440T	19960603	
KR19990028488 A	19990415	KR19970709804	19971227	
MX9800110 A1	19981129	MX19980000110	19980107	
MX9800110 A1	19981130	MX19980000110	19980107	
US5846380 A	19981208	US19970847552	19970423	
WO9701671 A1	19970116	WO1996US10197	19960603	

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; TROKHAN PAUL DENNIS ; PHAN DEAN VAN

Inventor(s):(std)**:** DEAN VAN PHAN ; PAUL DENNIS TROKHAN ; PHAN DEAN VAN ; TROKHAN PAUL DENNIS ; VAN PHAN DEAN ; TROKHAN DENNIS ; PHAN VAN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): A47K7/00 D21F11/00 D21F11/14 D21H17/06 D21H17/07 D21H17/59 D21H25/00 D21H27/00 D21H27/40 D21H27/42 (Advanced/Invention); A47K7/00 D21H17/06 D21H17/07 D21H17/59 D21H27/00 (Advanced/Non–invention); A47K7/00 D21F11/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); D21H17/00 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 D21H17/06 D21H17/07 D21H17/13 D21H27/00 D21H27/38 D21H27/40 D21H27/42

CPC: D21F11/006 D21F11/14 D21F11/145 D21H17/06 D21H17/07 D21H17/59 D21H25/005 D21H27/40

European class: D21F11/00E D21F11/14 D21F11/14B D21H25/00B D21H27/40 N21H17/06 N21H17/07 N21H17/59

US class: 162/111 162/112 162/113 162/125 162/127 162/129 162/130 162/158 162/164.1 162/164.3 162/168.1 162/168.2 162/175

Classification Explorer

Cited documents: WO9619616 A1, WO9321382 A1, US5487813 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4529480 A, US4447294 A, US4441962 A, US4377543 A, US4351699 A, US4300981 A, US4191609 A, US4144122 A, US3994771 A, US3974025 A, US3844880 A, US3755220 A, US3554863 A, US3301746 A, US2683088 A, US2683087 A, JP61308312 A2, JP4100995 A2,

0) US2009202774A – LAMINATED PAPER ARTICLE AND PAPER WEB

26) Family number: 37221978 (US2009202774A)

© PatBase

Title: LAMINATED PAPER ARTICLE AND PAPER WEB

Priority: EP20060717028 20060317 RU20080141164 20060317 WO2006SE00343 20060317

Family:

Publication number	Publication date	Application number	Application date
AU2006340403 AA	20070927	AU20060340403	20060317
AU2006340403 BB	20110721	AU20060340403	20060317
BRPI0621417 A2	20111206	BR2006PI21417	20060317
BRPI0621417 B1	20160119	BR2006PI21417	20060317
BRPI0621417 B8	20160823	BR2006PI21417	20060317
CN101400856 A	20090401	CN200680053894	20060317
CN101400856 B	20110824	CN200680053894	20060317
DE602006032241 D1	20121129	DE200660032241T	20060317
EP2004909 A1	20081224	EP20060717028	20060317
EP2004909 A4	20100623	EP20060717028	20060317
EP2004909 B1	20121003	EP20060717028	20060317
ES2392650 T3	20121212	ES20060717028T	20060317
MX2008010911 A1	20080903	MX20080010911	20060317
RU2008141164 A	20100427	RU20080141164	20060317
RU2407841 C2	20101227	RU20080141164	20060317
US2009202774 AA	20090813	US20060281815	20060317
US8318281 BB	20121127	US20060281815	20060317
WO07108725 A1	20070927	WO2006SE00343	20060317

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** ALBERTSSON SVERKER ; GUNGNER SUSANNE ; MAANSSON ANNA ; SAARVAELI EVA LI ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AG

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; MANSSON ANNA

Inventor(s):(std)**:** AL BERTSSON SVERKER ; ALBERTSSON S ; ALBERTSSON SVERKER ; ANNA MANSSON ; EVA LI SAARVAELI ; EVA LI SAARVALI ; GUNGNER S ; GUNGNER SUSANNE ; MAANSSON A ; MAANSSON ANNA ; MANSSON ANNA ; MONSSON ANNA ; SAARVAELI E L ; SAARVAELI EVA LI ; SAARVALI EVA LI ; SAARVELI EHVA LI ; SAARVOLI EVA LI ; SUSANNE GUNGNER ; SVERKER ALBERTSSON

Inventor(s): SALBERTSSON ; SGUNGNER ; SAARVELI EHVA–LI ; A MAANSSON ; S ALBERTSSON ; S GUNGNER ; EVA LI SAARVOLI ; E L SAARVAELI ; ELSAARVAELI ; AL'BERTSSON SVERKER ; ALBERTSSON SVERKER PIXBO ; AMAANSSON ; ANNA MAANSSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Advanced/Invention); A47K10/00 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Core/Invention)

CPC: B32B29/005 B32B2250/26 B32B2307/726 B32B2307/728 B32B2432/00 A47K10/16 B32B7/14 B32B29/00 Y10T428/15 Y10T428/24826 Y10T428/24851 Y10T428/24876 Y10T428/24934

European class: A47K10/16 B32B29/00 B32B7/14

US class: 428/198 428/201 428/201S 428/204 428/211.1 428/43 428/43P

Classification Explorer

Cited documents: WO9720107 A1, WO03072345 A1, US6361784 BA, US6136413 A, US6106928 A, US4978565 A, US4325768 A, US3687754 A, US3672950 A, US2002013109 AA,

0) US2004112783A – SANITARY THIN PAPER AND METHOD OF MANUFACTURING...

27) Family number: 23898497 (US2004112783A) © PatBase

Title: SANITARY THIN PAPER AND METHOD OF MANUFACTURING THE THIN PAPER, STORAGE BOX FOR SANITARY THIN PAPER, STORAGE BODY FOR SANITARY THIN PAPER, INTER FOLDER, AND DEVICE AND METHOD FOR TRANSFER OF STORAGE BODY FOR SANITARY THIN PAPER

Priority:

JP20010044279	20010220	JP20010044280	20010220	JP20010159090	20010528
WO2002JP01408	20020219	US20040468629	20040205	US20060601989	20061120
US20020468629	20020219	JP20010213838	20010713	JP20010159091	20010528
WO2002JP01408	20080321				

Family:

Publication number	Publication date	Application number	Application date
JP2002249183 A2	20020903	JP20010044279	20010220
JP2002249994 A2	20020906	JP20010044280	20010220
JP2002347146 A2	20021204	JP20010159091	20010528
JP2002348035 A2	20021204	JP20010159090	20010528
JP2003026261 A2	20030129	JP20010213838	20010713
JP3628980 B2	20050316	JP20010159091	20010528
JP3653481 B2	20050525	JP20010159090	20010528
JP4533543 B2	20100901	JP20010044279	20010220
JP4533562 B2	20100901	JP20010213838	20010713
JP4791640 B2	20111012	JP20010044280	20010220
KR100883488 B1	20090216	KR20087006876	20020219
KR20080032654 A	20080415	KR20087006876	20020219
TH53314 A	20020926	TH20021000527	20020218
TW553821 B	20030921	TW20020102656	20020218
US2004112783 AA	20040617	US20040468629	20040205
US2007199670 AA	20070830	US20060601989	20061120
US7775958 BB	20100817	US20060601989	20061120
WO02065885 A1	20020829	WO2002JP01408	20020219

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Inventor(s): MUKAI TAKENARU

Designated states: AT BE CA CH CN CY DE DK ES FI FR GB GR IE IT KR LI LU MC MX NL PT SE SG TR US

International class (IPC 8–9): A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F1/12 B31F5/02 B31F7/00 B65B25/14 B65B61/28 B65D25/52 B65D5/63 B65D83/08 B65G47/22 B65G47/252 B65H19/12 B65H39/16 B65H45/08 B65H45/24 D21C11/06 D21H11/00 D21H21/18 D21H27/00 D21H27/30 (Advanced/Invention);
A47K10/16 B65H19/12 (Advanced/Non–invention);
A47K10/00 A47K7/00 B31D1/00 B31F1/00 B31F5/00 B65B25/14 B65B61/00 B65D25/38 B65D5/42 B65D83/08 B65G47/22 B65G47/24 B65H19/12 B65H39/00 B65H45/00 B65H45/12 D21C11/00 D21H11/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F5/02 B65D25/52 B65D5/63 B65D5/72 B65D73/00 B65D83/08 B65G15/14 B65G21/20 B65G47/22 B65H45/08 B65H45/24 D21H11/00 D21H27/00 D21H27/30

CPC: B65H39/16 B65B25/145 B65B61/28 B65D83/0805 B65D83/0894 B65G47/252 B65G2201/025 B65H45/24 B65H2301/5126 D21C11/063 D21H21/18 A47K10/16

European class: A47K10/16 B65B25/14C B65B61/28 B65D83/08B B65D83/08H B65G47/252 B65H39/16 B65H45/24 D21C11/06B D21H21/18 L65G201/02F8 L65H301/5126

US class: 162/111 206/494 270/40 493/356 493/405

Classification Explorer

Cited documents: WO9945204 A1, WO9915204 A1, WO0031341 A1, US6565500 BA, US6514382 BA, US6187141 BA, US6136413 A, US6123557 A, US6045002 A, US5954625 A, US5840404 A, US5779860 A, US5382464 A, US5281306 A, US5227023 A, US5185523 A, US5178729 A, US5093068 A, US4052048 A, US3867872 A, US3679095 A, US3472504 A, US3323983 A, US2004234805 AA, US2004112783 AA, US2003097102 AA, KR830002731 B1, JP8003890 A2, JP7197400 A2, JP7145588 A2, JP6072883 U1, JP6072883 A2, JP58171304 A2, JP57078930 U1, JP57078930 U, JP48025361 u1, JP48025361 U, JP4146300 A2, JP3262193 A2, JP3106714 A2, JP3060187 A2, JP2075515 A2, JP2001029261 A2, JP2000256989 A2, JP2000080599 A2, JP2000007198 A2, JP1237750 A2, JP11334773 A2, JP11323787 A2, JP11208606 A2, JP11130167 A2, JP11093055 A2, JP10501753 T2, JP10338211 A2, JP10237750 A2, JP10179441 A2, JP10077595 A2,

0) US2009198207A – UNDERPANTS TYPE DISPOSABLE DIAPER

28) Family number: 41456212 (US2009198207A) © PatBase

Title: UNDERPANTS TYPE DISPOSABLE DIAPER

Priority:

JP20060209229	20060731	JP20060324860	20061130	JP20070311681	20071130
WO2007JP64924	20070731	JP20090236632	20091013	JP20100139584	20100618

Family:

Publication number	Publication date	Application number	Application date
CN101495075 A	20090729	CN200780028273	20070731
CN101495075 B	20121107	CN200780028273	20070731
EP2052705 A1	20090429	EP20070791609	20070731
EP2052705 A4	20121017	EP20070791609	20070731
EP2052705 B1	20171115	EP20070791609	20070731
IN00781KN2009 A	20090515	IN2009KN00781	20090227
JP2008029761 A2	20080214	JP20060209229	20060731
JP2008155015 A2	20080710	JP20070311681	20071130
JP2010005453 A2	20100114	JP20090236632	20091013
JP2010194373 A2	20100909	JP20100139584	20100618
JP4369941 B2	20091125	JP20060209229	20060731
JP4538045 B2	20100908	JP20070311681	20071130
JP5095700 B2	20121212	JP20090236632	20091013
JP5095779 B2	20121212	JP20100139584	20100618
KR101390123 B1	20140428	KR20097004088	20070731
KR20090041414 A	20090428	KR20097004088	20070731
RU2009107147 A	20100910	RU20090107147	20070731
RU2423094 C2	20110710	RU20090107147	20070731
US2009198207 AA	20090806	US20070309802	20070731
US9011406 BB	20150421	US20070309802	20070731
WO08016020 A1	20080207	WO2007JP64924	20070731

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; DAJO PEJPER CORP ; MORI YOSUKE ; TORIGOSHI KEIJI ; MURAI KOSUKE

Assignee(s): DAJO PEJPER KORPOREJSHN ; DAIO PAPER CORP

Inventor(s):(std): MORI JOSUKE ; MORI YOSUKE ; MURAI KOSUKE ; TORIGOSHI KEIJI ; TORIGOSI KEIDZI ; YOSUKE MORI ; KOSUKE MURAI ; KEIJI TORIGOSHI ; TORIGOE KEIJI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/493 A61F13/496 A61F13/56 A61F13/58 A61F13/62 A61F5/44 (Advanced/Invention);
A61F13/49 (Advanced/Non–invention);
A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7): A61F13/56 A61F5/44

CPC: A61F13/493 A61F13/5622 A61F2013/49087 A61F2013/5677 A61F13/5655 A61F13/56 A61F13/496

European class: A61F13/493 A61F13/496 A61F13/56 A61F13/56C K61F13/49N K61F13/56F4

US class: 604/385.29 604/385.290P 604/389 604/389S 604/391

Classification Explorer

Cited documents: WO9409736 A1, WO04093764 A1, WO04084786 A1, WO03057102 A2, WO03024372 A2, WO02083049 A1, US6972012 BA, US6579275 BA, US6524293 BA, US6508797 BA, US5776123 A, US5693038 A, US5624420 A, US5374262 A, US5304162 A, US4943340 A, US4909804 A, US4743239 A, US4639949 A, US4617022 A, US4555244 A, US4081301 A, US3800796 A, US2931747 A, US2007129700 AA, US2007038199 AA, US2006212019 AA, US2006118234 AA, US2006070701 AA, US2006069376 AA, US2004186451 AA, US2004182502 AA, US2004144496 AA, US2004068246 AA, US2003176846 AA, US2003130641 AA, US2003120253 AA, US2003055389 AA, US2002148557 AA, US2002111596 AA, US2002045879 AA, US2001049516 AA, RU2218139 C2, JP8511709 T2, JP5317356 A2, JP4538045 B2, JP3090821 U, JP3090821 A2, JP2010194373 A2, JP2010005453 A2, JP2008155015 A2, JP2006521169 T2, JP2006158607 A2, JP2006034402 A2, JP2005526530 T2, JP2005522236 T2, JP2005520577 T2, JP2005312690 A2, JP2005304605 A2, JP2005279006 A2, JP2005270359 A2, JP2005230330 A2, JP2005013598 A2, JP2004524929 T2, JP2003220092 A2, JP2002035029 A2, JP2000354609 A2, GB2267024 A1, EP0570980 A1, DE19813334 A1,

0) US2002117578A – SHEET MATERIAL DISPENSER WITH PERFORATION SENSO...

29) Family number: 28219846 (US2002117578A)

© PatBase

Title: SHEET MATERIAL DISPENSER WITH PERFORATION SENSOR AND METHOD

Priority: CA20022372117 20020213 US20010793077 20010227 US20040881467 20040701 US20070686648 20070315

Family:

Publication number	Publication date	Application number	Application date
CA2372117 AA	20020827	CA20022372117	20020213
EP1234793 A2	20020828	EP20020251276	20020225
EP1234793 A3	20031105	EP20020251276	20020225
US2002117578 AA	20020829	US20010793077	20010227
US2004251375 AA	20041216	US20040881467	20040701
US2007152010 AA	20070705	US20070686648	20070315
US6766977 BB	20040727	US20010793077	20010227
US7191977 BB	20070320	US20040881467	20040701
US7832679 BB	20101116	US20070686648	20070315

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std): GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CORP

Assignee(s): GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC RESIN INC ; KNITTLE JOHN J ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; BROEHL JOSHUA M ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DENEN DENNIS J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std): BROEHL JOSHUA M ; DENEN DENNIS J ; KNITTLE JOHN J

Inventor(s): KNITTLE JOHN ; DENEN DENNIS ; BROEHL JOSHUA

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): A47K10/36 A47K10/38 B26F3/02 B65H26/06 B65H35/10 B65H43/00 (Advanced/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 B65H26/00 B65H35/10 B65H43/00 B65H5/02 B65H5/04 B65H63/00

CPC: Y10T225/205 Y10T225/211 B65H35/10 B65H2511/512 B65H2553/412 A47K10/3612 A47K10/3625 A47K2010/3675 B65H43/00

European class: A47K10/36 B65H35/10 B65H43/00 L65H511/512 L65H553/412

US class: 225/10 225/10P 225/16 225/16S 242/563 242/563.2 242/563P

Classification Explorer

Cited documents: WO9959457 A1, US7296765 BB, US7237744 BB, US7191977 BB, US7114677 BB, US6854684 BB, US6766977 BB, US6578790 BA, US6412679 BB, US5937718 A, US5924617 A, US5915645 A, US5873542 A, US5868343 A, US5833104 A, US5772291 A, US5573318 A, US5455835 A, US5452832 A, US5441189 A, US5257711 A, US5244161 A, US5161723 A, US5135179 A, US5107734 A, US5078033 A, US5048386 A, US4984530 A, US4834309 A, US4786005 A, US4738176 A, US4732306 A, US4716799 A, US4712461 A, US4699304 A, US4666099 A, US4664304 A, US4635837 A, US4569467 A, US4552315 A, US4441392 A, US4404880 A, US4403748 A, US4378912 A, US4358169 A, US4307639 A, US4307638 A, US4213363 A, US4206858 A, US4192442 A, US4189077 A, US4188844 A, US4186633 A, US4165138 A, US4142431 A, US4137805 A, US395485 A, US3951485 A, US3741663 A, US3730409 A, US3687397 A, US3626491 A, US3425306 A, US3361021 A, US3065889 A, US2957636 A, US2957264 A, US2215052 A, US2193759 A, US2135767 A, US2121346 A, US2009026305 AA, US2007152010 AA, US2007080255 AA, US2006138274 AA, US2005051005 AA, US2003019971 AA, US2002030061 AA, US1026128 A, EP1101434 A2,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

30) Family number: 43384452 (US2009155512A)

© PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSING OF SHEETS OF PRE–DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non–invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2,

DE20107189 U1, DE20107189 U,

0) US2005230069A – METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TI...

31) Family number: 23529653 (US2005230069A) © PatBase

Title: METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TISSUE

Priority: EP20010103798 20010216 US20030619736 20030715 WO2002US04615 20020215

Family:

Publication number	Publication date	Application number	Application date
AT294061 E	20050515	AT20010103798T	20010216
AU2002247150 AA	20020904	AU20020247150	20020215
BRPI0207364 A	20040225	BR2002PI07364	20020215
CA2436514 AA	20030728	CA20022436514	20020215
CA2436514 C	20081118	CA20022436514	20020215
CN1491159 A	20040421	CN20028004617	20020215
DE60110362 D1	20050602	DE20016010362	20010216
DE60110362 T2	20060119	DE20016010362T	20010216
DE60110362 T3	20090115	DE20016010362T	20010216
EP1232854 A1	20020821	EP20010103798	20010216
EP1232854 B1	20050427	EP20010103798	20010216
EP1232854 B2	20080709	EP20010103798	20010216
HK1064995 A3	20050208	HK20040107973	20041014
JP2004518562 T2	20040624	JP20020565780T	20020215
KR20030087626 A	20031114	KR20037009635	20020215
MXPA03007329 A1	20031204	MX2003PA07329	20020215
US2005230069 AA	20051020	US20030619736	20030715
WO02066240 A1	20020829	WO2002US04615	20020215
WO02066240 C1	20031106	WO2002US04615	20020215

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** HILBIG KLAUS ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER HORST A ; PROCTER AND GAMBLE ; REINHEIMER HORST ALFRED

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBEL CO

Inventor(s):(std)**:** HILBIG K ; HILBIG KLAUS ; LIPLIJN M K N ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER H A ; REINHEIMER HORST A ; REINHEIMER HORST ALFRED ; ZINT SCHUESSLER BIRGIT

Inventor(s): REINHEIMER HORST ; LIPLIJN MARCEL KAREL ; H A REINHEIMER ; HA REINHEIMER ; M K N LIPLIJN ; MARCEL KAREL NELIS LIPLIJN ; MKN LIPLIJN ; HORST ALFRED REINHEIMER ; K HILBIG ; KLAUS HILBIG

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A47K7/00 B31F1/07 D21F11/14 D21G1/00 D21G9/00 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention);
B31F1/07 (Advanced/Non–invention);
A47K7/00 B31F1/00 D21F11/00 D21G1/00 D21G9/00 D21H27/00 D21H27/30 (Core/Invention)

A47K7/00 B31F1/07 D21G1/00 D21H27/00 D21H27/30 D21H27/40

International class (IPC 1–7):

CPC: B31F2201/0733 B31F2201/0758 D21H27/005 D21H27/30 D21H27/40 B31F1/07

European class: B31F1/07 B31F1/07C2 D21H27/00D2B D21H27/30 D21H27/40 L31F201/07C2D3G L31F201/07G

US class: 162/117 162/123 162/132 162/158 162/194 162/205 424/402

Classification Explorer

Cited documents: WO9858124, WO9527429, WO9511343, US7056572 BA, US6916403 BB, US6887349 BB, US6863107 BB, US6805766 BA, US6802937 BB, US6733626 BB, US6656569 BA, US6610173 BA, US6602577 BA, US6602387 BA, US6599614 BA, US6455129 BA, US6440268 BA, US6423397 BA, US6355139 BA, US6348131 BA, US6287676 BA, US6277467 BA, US6187137 BA, US6086715 A, US6030690 A, US5980691, US5904812 A, US5900114 A, US5855738, US5802974, US5702571 A, US5693403 A, US5409572 A, US5255603, US5213037, US5059282, US4959125, US4222921, US4147586, US4129528, US3899388, US3855158, US3844880, US3821068, US3772076, US3700623, US3556933, US3556932, US3554862, US3414459 A, US3285800 A, US3077390 A, US2007075178 AA, US2006081347 AA, US2006008621 AA, US2005274470 AA, US2005241786 AA, US2004238135 AA, US2004055694 AA, US2003228444 AA, US2001042606 AA, US2001008179 AA, EP0806520 A1, EP0696334, EP0668152, EP0498623 A2, EP0408248 A2, DE4414238 A1, DE19860687 A1, DE19824825 A1, DE1804418 A1,

0) US5865950A – PROCESS FOR CREPING TISSUE PAPER

32) Family number: 42816054 (US5865950A)

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Title: Process for creping tissue paper

Priority: US19960651354 19960522 US19970795738 19970205 WO1998US02272 19980205 US19990256547 19990224 WO1997US08357 19970516

Family:

Publication number	Publication date	Application number	Application date
AR007239 AA	19991027	AR1997P102156	19970521
AT239826 E	20030515	AT19980904961T	19980205
AU199731297 A1	19971209	AU19970031297	19970516
AU199862705 A1	19980825	AU19980062705	19980205
AU725702 B2	20001019	AU19970031297	19970516
BRPI9709351 A	19990810	BR1997PI09351	19970516
BRPI9811251 A	20000926	BR1998PI11251	19980205
CA2255655 AA	19981120	CA19972255655	19970516
CA2255655 C	20040720	CA19972255655	19970516
CA2280082 AA	19990804	CA19982280082	19980205
CA2280082 C	20060801	CA19982280082	19980205
CN1251149 A	20000419	CN19988003551	19980205
DE69707447 D1	20011122	DE19976007447	19970516
DE69707447 T2	20020627	DE19976007447T	19970516
DE69814365 D1	20030612	DE19986014365	19980205
DE69814365 T2	20040122	DE19986014365T	19980205
EP0904455 A1	19990331	EP19970926562	19970516
EP0904455 B1	20011017	EP19970926562	19970516
EP0964955 A1	19991222	EP19980904961	19980205
EP0964955 B1	20030507	EP19980904961	19980205
ES2162303 T3	20011216	ES19970926562T	19970516

ID16945 A	19971127	ID19970001678	19970521
JP11514049 T2	19991130	JP19970542590T	19970516
JP2001511224 T2	20010807	JP19980533241T	19980205
JP3193726 B2	20010730	JP19970542590	19970516
KR20000015880 A	20000315	KR19980709431	19981121
KR20000070781 A	20001125	KR19997007042	19980205
PE81498 A1	19981223	PE19970000407	19970522
TH27964 A	19980216	TH19971001937	19970522
TW379273 B	20000111	TW19970108315	19970616
US5865950 A	19990202	US19960651354	19960522
US5944954 A	19990831	US19970795738	19970205
US6207734 BA	20010327	US19990256547	19990224
WO9744526 A1	19971127	WO1997US08357	19970516
WO9833978 A1	19980806	WO1998US02272	19980205
ZA9704427 A	19981117	ZA19970004427	19970521

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; DEASON HOWARD THOMAS ; HERSKO BART STEVEN ; MOHAMMADI KHOSROW PARVIZ

Inventor(s):(std)**:** WEISMAN THOMAS ; WEISMAN PAUL THOMAS ; WEIMAN PAUL TOMAS ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS ; MOHMMADI KHORSROW PARVIZ ; MOHAMMADI PARVIZ ; MOHAMMADI KHOSROW PARVIZ ; HERSKO STEVEN ; HERSKO BART STEVEN ; HERSKO BART S ; DEASON THOMAS ; DEASON HOWARD THOMAS ; DEASON HOWARD T

Inventor(s): Deason ; BART STEVEN HERSKO ; Bart Steven ; BART S HERSKO ; Hersko ; KHOSROW PARVIZ MOHAMMADI ; KHORSROW PARVIZ MOHMMADI ; KENNETH DOUGLAS VINSON ; Kenneth Douglas ; KENNETH D VINSON ; HOWARD THOMAS DEASON ; Howard Thomas ; HOWARD T DEASON ; Vinson ; PAUL TOMAS WEIMAN ; PAUL THOMAS WEISMAN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 A47K7/00 B31F1/12 C08G73/02 C09J103/08 D21F11/04 D21H17/29 D21H17/36 D21H17/55 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention);
A47K7/00 D21H17/29 D21H17/36 D21H17/55 D21H21/14 D21H27/00 D21H27/30 (Advanced/Non–invention);
A47K10/00 A47K7/00 B31F1/00 C08G73/00 C09J103/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention);
D21H17/00 (Core/Non–invention)

International class (IPC 1–7): A47K10/16 A47K7/00 B21F1/12 B31D B31F B31F1/12 C08L3/00 D21H17/29 D21H17/36 D21H17/55 D21H17/59 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H25/06 D21H27/00 D21H27/30

CPC: B31F1/12 C08G73/0286 C09J103/08 D21H17/36 D21H17/55 D21H21/146 D21H17/29

European class: B31F1/12 C08G73/02R1 C09J103/08 D21H21/14D N21H17/29 N21H17/36 N21H17/55

US class: 162/111 162/112 162/113 162/164.1 162/164.3 162/168.1 264/282 264/283 524/47 524/800 524/803 525/420 525/423 528/335

Classification Explorer

Cited documents: WO9704166 A1, WO9633310 A1, US962505 A, US5865950 A, US5635028 A, US5494554 A, US5490903 A, US5468796 A, US5399241 A, US5382323 A, US5326434 A, US5143776 A, US4994146 A, US4940513 A, US4788243 A, US4637859 A, US4529840 A, US4529480 A, US4528316 A, US4501640 A, US4406737 A, US4308092

A, US4300981 A, US4191609 A, US4166001 A, US4158594 A, US4127637 A, US4064213 A, US3994771 A, US3926716 A, US3821068 A, US3772076 A, US3700623 A,

0) US2008271864A – SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING A...

33) Family number: 42458977 (US2008271864A) © PatBase

Title: SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING AGENT APPLIED ONTO A SURFACE THEREOF

Priority: US20070799890 20070503 US20070982611 20071102 WO2008IB51642 20080428 WO2008IB51643 20080428

Family:

Publication number	Publication date	Application number	Application date
CA2686724 AA	20091029	CA20082686724	20080428
CA2686793 AA	20091106	CA20082686793	20080428
MX2009011279 A1	20091030	MX20090011279	20080428
MX2009012001 A1	20091119	MX20090012001	20080428
US2008271864 AA	20081106	US20070982611	20071102
US2008271867 AA	20081106	US20070799890	20070503
WO08135900 A2	20081113	WO2008IB51642	20080428
WO08135900 A3	20090409	WO2008IB51642	20080428
WO08135901 A2	20081113	WO2008IB51643	20080428
WO08135901 A3	20090409	WO2008IB51643	20080428

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER and GAMBLE COMPANY

Inventor(s):(std)**:** DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN

Inventor(s): CHRISTOPHER GERALD DONNER ; JOHN ALLEN MANIFOLD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H11/00 D21H17/13 D21H17/45 D21H21/14 D21H21/22 (Advanced/Invention); D21H11/00 D21H17/00 D21H21/14 D21H21/22 (Core/Invention)

CPC: D21H17/07 D21H21/22 D21H21/24 D21H23/50 D21H27/002 D21H19/12 D21H19/32 D21H27/005 D21H27/30

European class: D21H21/22 D21H27/00D2B D21H27/30 N21H17/07 N21H19/12 N21H19/32 N21H21/24 N21H23/50 N21H27/00D

US class: 162/158 162/181.1 162/181.6

Classification Explorer

Cited documents: WO9619616 A1, WO07025095 A1, WO04035923 A2, WO0248458 A1, WO0022233 A1, WO0022231 A1, US7432309 BB, US7311853 BB, US6872342 BB, US6755939 BB, US6706410 BB, US6607637 BA, US6547928 BB, US6420013 BA, US6179961 BA, US6162329 A, US6126784 A, US5814188 A, US5611890 A, US5552020 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5415737 A, US5246545 A, US5215626 A, US5059282 A, US4981557 A, US4364837 A, US4300981 A, US4166001 A, US3994771 A, US3964500 A, US2826551 A, US2004082668 AA, US2004057982 AA, US2003127206 AA,

0) US2003035917A – IMAGE MAKING MEDIUM

34) Family number: 15254881 (US2003035917A) © PatBase

Title: IMAGE MAKING MEDIUM

Priority:

EP20000944650	20000612	US19990138694P	19990611	US20010012259	20011211
US20020170503	20020614	US20020012259	20020614	US20040567022P	20040430
WO2000US16111	20000612	US20090631627	20091204	US20140203327	20140310
US20140584921	20141229	US20050118975	20050428	US20170630499	20170622
US20170647051	20170711				

Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
EP1208150 A1	20020529	EP20000944650	20000612
EP1208150 A4	20050126	EP20000944650	20000612
EP1777255 A2	20070425	EP20070100176	20000612
EP1777255 A3	20070711	EP20070100176	20000612
US2003035917 AA	20030220	US20020170503	20020614
US2014186646 AA	20140703	US20140203327	20140310
US2015125829 AA	20150507	US20140584921	20141229
US2017287351 AA	20171005	US20170630499	20170622
US2017316713 AA	20171102	US20170647051	20170711
US7629400 BB	20091208	US20020170503	20020614
US8669325 BA	20140311	US20090631627	20091204
US9744800 BB	20170829	US20140203327	20140310
US9786194 BB	20171010	US20140584921	20141229
WO0077085 A1	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106 524/106S 524/609 524/612 528/502R

Classification Explorer

Cited documents: WO9742550 A1, WO9116143 A1, WO0077085 A1, US8921473 BA, US8669325 BA, US7629400 BB, US6610164 BB, US6518949 BB, US6498114 BA, US6445489 BA, US6422687 BA, US6413790 BA, US6413656 BA, US6392785 BA, US6377238 BA, US6338807 BA, US6248457 BA, US6214422 BA, US6071998 A, US5859141 A, US5759636 A, US5725990 A, US5700894 A, US5674579 A, US5599412 A, US5532053 A, US5523167 A, US5512620 A, US5461114 A, US5241006 A, US5102597 A, US5019536 A, US4935275 A, US4578294 A, US4551493 A, US4320174 A, US3911560 A, US3911215 A, US3775560 A, US3700754 A, US3424714 A, US2006255952 AA, US2005079386 AA, US2004217332 AA, US2003035917 AA, US2003008135 AA, US2002020829 AA, GB974111 A, EP0921160 A1, EP0827981 A2, EP0120296 B1, EP0120296 A1, DE19522118 C1,

0) US2011311749A – UNIQUELY PERFORATED WEB PRODUCT

35) Family number: 50210433 (US2011311749A) © PatBase

Title: UNIQUELY PERFORATED WEB PRODUCT

Priority: CA20112743672 20110617 US20100819344 20100621

Family:

Publication number	Publication date	Application number	Application date
CA2743672 AA	20111221	CA20112743672	20110617
MX2011006700 A1	20120220	MX20110006700	20110620
US2011311749 AA	20111222	US20100819344	20100621
US8287977 BB	20121016	US20100819344	20100621

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** MCNEIL KEVIN BENSON ; MELLIN ANDRE ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; MCNEIL KEVIN B

Inventor(s):(std)**:** MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; MELLIN ANDRE

Inventor(s): ANDRE MELLIN ; KEVIN BENSON MCNEIL

International class (IPC 8–9): A47K10/16 B26F1/00 B32B29/00 B65D65/28 B65H35/00 D21H27/00 D21H27/02 (Advanced/Invention); B65H35/00 D21H27/00 (Core/Invention)

CPC: A47K10/16 D21H27/02 D21H27/002 Y10T428/15 Y10T428/24 Y10T428/24273

US class: 162/114 4/245.1 4/245.8 428/131 428/43 428/43P 428/98

Classification Explorer

Cited documents: WO9203250 A2, WO10076689 A1, WO08141598 A1, WO08068723 A1, WO06067260 A1, WO03026472 A1, USD393950 S1, US7222346 BB, US714652 A, US7089854 BB, US6865784 BB, US6838040 BB, US6735834 BB, US6733626 BB, US6565794 BA, US6557224 BB, US6487762 BA, US6460727 BA, US6289777 BA, US6223641 BA, US6139186 A, US6136209 A, US6119439 A, US6029921 A, US6010090 A, US5839688 A, US5789050 A, US5755654 A, US5740658 A, US5740657 A, US5727458 A, US5718928 A, US5704566 A, US5616387 A, US5613347 A, US5453311 A, US5405663 A, US5246110 A, US5205454 A, US5202077 A, US5198276 A, US5062331 A, US5041317 A, US4995930 A, US4957122 A, US4884719 A, US4842794 A, US4806303 A, US4646364 A, US4636161 A, US453003 A, US4509908 A, US4503318 A, US4500770 A, US4457964 A, US4441952 A, US4423101 A, US4355226 A, US4247754 A, US4220490 A, US4219727 A, US4210688 A, US4199090 A, US4100396 A, US405412 A, US4035611 A, US4029938 A, US3931886 A, US3770172 A, US3762542 A, US3752304

A, US3583558 A, US3467250 A, US2009022927 AA, US2008280088 AA, US2008199660 AA, US2007209099 AA, US2007014961 AA, US2005241788 AA, US2005095403 AA, US2003218040 AA, US2003132549 AA, US2003131454 AA, US2003111169 AA, US2003101557 AA, US2002148085 AA, US1170589 A, JP9279463 A2, JP8084685 A2, JP3140786 B2, JP3140786 A2, JP2007117466 A2, JP2006247311 A2, JP2005296588 A2, JP2005153997 A2, JP2004049261 A2, JP2002017607 A2, JP11091266 A2, GB2184391 A1, GB2184390 A1, GB2183489 A1, GB159818 A, FR2292560 A1, EP1529477 A1, EP0974433 A1, EP0689819 A2, EP0195113 A2, EP0054907 A2, DE3043845 A1, DE20013469 U1,

DE102006049680 A1

0) US2003130641A – ABSORBENT GARMENT HAVING A WEAKENED REGION

36) Family number: 28826421 (US2003130641A) © PatBase

Title: ABSORBENT GARMENT HAVING A WEAKENED REGION

Priority: US20010032701 20011228 WO2002US39575 20021210

Family:

Publication number	Publication date	Application number	Application date
AR038069 AA	20041222	AR2002P105099	20021226
AU2002363988 AA	20030724	AU20020363988	20021210
BRPI0214591 A	20060606	BR2002PI14591	20021210
CA2470418 AA	20040621	CA20022470418	20021210
CN1607931 A	20050420	CN20028026175	20021210
EP1458322 A2	20040922	EP20020798506	20021210
IL161947 A0	20051120	IL20020161947	20021210
JP2005532084 T2	20051027	JP20030557462T	20021210
KR20040068349 A	20040730	KR20047010085	20021210
MXPA04006213 A1	20041101	MX2004PA06213	20021210
RU2004123254 A	20050520	RU20040123254	20021210
TW200400022 A	20040101	TW20020137494	20021226
TWI220649 B	20040901	TW20020137494	20021226
US2003130641 AA	20030710	US20010032701	20011228
WO03057102 A2	20030717	WO2002US39575	20021210
WO03057102 A3	20031030	WO2002US39575	20021210

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC

Assignee(s): RICHLEN SANDRA A ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; VAN GOMPEL PAUL T ; GOMPEL PAUL T VAN

Inventor(s):(std)**:** RICHLEN SANDRA A ; SANDRA A RICHLEN ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; GOMPEL PAUL T VAN ; GOMPEL PAUL VAN R ; VAN GOMPEL PAUL T ; SUZANNE SCHMOKER ; SCHMOKER SUZANNE MARIE ; GOMPEL PAUL THEODORE VAN

Inventor(s): SANDRA A.RICHLEN ; PAUL THEODORE VAN GOMPEL ; PAUL T. VAN GOMPEL ; SUZANNE MARIE SCHMOKER ; SUZANNE M SCHMOKER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44 (Advanced/Invention);

	A61F13/15 A61F13/496 (Advanced/Non−invention); A61F13/00 A61F13/15 A61F13/56 A61F5/44 (Core/Invention)
International class (IPC 1−7):	A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44
CPC:	A61F13/15203 A61F13/496
European class:	A61F13/15J A61F13/496
US class:	604/385.01 604/385.010P 604/386 604/386S
Classification Explorer	
Cited documents:	WO9611656 A1, US6508797 BA, US6395211 BA, US6394991 BA, US6368689 BA, US6009558 A, US5989236 A, US5843057 A, US5704566 A, US5562964 A, US5074854 A, US4561579 A, US4217327 A, US3842838 A, US3835754 A, US2003132549 AA, EP0570980 A1, EP0187728 A2,

0) US2004162539A – INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

37) Family number: 33495772 (US2004162539A) © PatBase

Title: INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

Priority: JP20010152403 20010522 JP20020016191 20020124 WO2002JP04882 20020521

Family:

Publication number	Publication date	Application number	Application date
AT469625 E	20100615	AT20020771743T	20020521
AU2002308831 AA	20021203	AU20020308831	20020521
BRPI0210038 A	20040504	BR2002PI10038	20020521
BRPI0210038 B1	20111129	BR2002PI10038	20020521
CA2446002 AA	20031030	CA20022446002	20020521
DE60236598 D1	20100715	DE20026036598	20020521
EP1413272 A1	20040428	EP20020771743	20020521
EP1413272 A4	20041006	EP20020771743	20020521
EP1413272 B1	20100602	EP20020771743	20020521
EP1413272 B9	20100922	EP20020771743	20020521
HK1068242 A1	20070601	HK20050100518	20050120
HK1068242 A3	20050429	HK20050100518	20050120
IN01431KN2003 A	20060310	IN2003KN01431	20031106
IN225418 B	20081114	IN2003KN01431	20031106
JP2002094146 A1	20040902	JP20020590870T	20020521
JP4230779 B1	20090225	JP20020590870T	20020521
JP4230779 B2	20090225	JP20020590870T	20020521
TH54226 A	20021129	TH20021001859	20020522
US2004162539 AA	20040819	US20030705673	20031110
US7601146 BB	20091013	US20030705673	20031110
VN7415 A1	20090126	VN20030000985	20020521

Probable Assignee: UNI CHARM CORP

Assignee(s):(std): UNI CHARM CORP

Assignee(s): YAMAKI KOICHI ; MIZUTANI SATOSHI ; NODA YUKI ; SAKAI AKANE ; TOKUMOTO MEGUMI ; UNI CHARM CO LTD

Inventor(s):(std): YUKI NODA ; YAMAKI KOICHI ; TOKUMOTO MEGUMI ; SATOSHI MIZUTANI ; SAKAI AKANE ; NODA YUKI ; MIZUTANI SATOSHI ; MEGUMI TOKUMOTO ; KOICHI YAMAKI ; AKANE SAKAI ; YAMAKI K ; TOKUMOTO M ; MIZUTANI S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/20 A61F13/472 A61F13/551 A61F13/56 A61F13/82 A61F13/84 A61F15/00 (Advanced/Invention); A61F13/472 (Advanced/Non–invention); A61F13/15 A61F13/56 A61F15/00 (Core/Invention); A61F (Subclass/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/472 A61F13/551

CPC: A61F13/15252 A61F13/4702 A61F13/4704 A61F13/55165 A61F13/5517 A61F13/5519 A61F2013/15235 A61F2013/15357 A61F2013/53445 A61F2013/8497

European class: A61F13/15B1B A61F13/15B1B3 A61F13/15E2 A61F13/15H A61F13/15J A61F13/551D2 A61F13/551D4 A61F13/551H K61F13/15J2E K61F13/15J4 K61F13/15J8C K61F13/47A K61F13/47B K61F13/534C K61F13/84G

US class: 604/385.01 604/385.02 604/385.020P 604/385.03 604/385.17 604/387

Classification Explorer

Cited documents: WO9956689 A1, WO9956681 A2, WO9926575 A1, WO9926574 A1, WO9925295 A1, WO99026575, WO99026574, WO99025295, WO9901096 A1, WO9901093 A1, WO99001096, WO9602217 A1, WO9517148 A2, WO9500094 A1, WO9422405 A1, WO9211825 A1, WO0147458 A1, WO0040192 A1, USD404814 S1, US6918392 BB, US6698928 BB, US6687911 BB, US6309104 BA, US6183457 BA, US6131736 B1, US6131736 A, US6131736, US6131575 A, US6036679 A, US5916205 A, US5891126 A, US5868727 A, US5839648 A, US5025503 A, US4735316 B1, US4735316 A, US4677697 A, US4595932 A, US4595392 A, US4556146 A, US2001049838 AA, US1587280 A, TW524677 B, TW524677, TW470640 B, TW470640, TW454503 B, TW454503, TW450802 B, TW450802, TW442278 B, TW442278, TW416847 B, TW416847, TW394681 B, TW394681, TW386872 B, TW386872, TW386060 B, TW386060, TW338315 B, TW338315, TW294591 B, TW294591, TW247431 B, TW247431, JP8215242 A2, JP8215242 A1, JP8047506 A2, JP8047506 A1, JP8047506, JP7323045 A2, JP7323045, JP7096001 A2, JP7096001 A1, JP7096001, JP6506368 T2, JP6506368 A1, JP640203, JP63260556 A2, JP63154023 U1, JP63154023 U, JP63154023 U, JP62009450 A2, JP62009450 A1, JP61232845 A2, JP61232845 A1, JP61164974 A2, JP61164974, JP61108258 A2, JP6040203 A2, JP5293138 A2, JP5237151 A2, JP493722, JP49003722 A2, JP356366, JP3056366 A2, JP2534163 B2, JP2534163, JP2002513633 T2, JP2002513633 A1, JP2001509402 T2, JP2001087306 A2, JP2001087306, JP2000051267 A2, JP11104167 A2, JP11104167 A1, JP11104167, JP10127688 A2, JP10127688 A1, JP10127688, FR2703244 A1, EP0888764 A1, CN1268040 A,

0) US2002017310A – SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUB...

38) Family number: 30083018 (US2002017310A) © PatBase

Title: SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBTANCE ONTO A TARGET SURFACE

Priority:

US19990415866	19991008	US19990451536	19991201	US19990451866	19991008
US20000089331	20001010	US20000089332	20001010	US20000089350	20001010
US20010969074	20011002	US20020089331	20020327	US20000089351	20001010
US20000089355	20001010	US20000217172P	20000710	US20010887407	20010622
US20010887407	20010622	US20000209062P	20000602	US20020089355	20020327
US20020089350	20020327	US20020089351	20020327	US20070801859	20070511
WO2000US27969	20001010	WO2000US27972	20001010	WO2000US27967	20001010
WO2000US27970	20001010	WO2000US27968	20001010	WO2000US27971	20001010
WO2000US27973	20001010	WO2003US39601	20031210	US20020126900	20020419

WO2002US19700 20020621 US20020315348 20021210 WO2002US17987 20020607

Family:

Publication number	Publication date	Application number	Application date
AT292401 E	20050415	AT20000970726T	20001010
AT329522 E	20060715	AT20000975231T	20001010
AT345727 E	20061215	AT20000972052T	20001010
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AU200080061 A5	20010423	AU20000080061	20001010
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BRPI0014855 A	20020924	BR2000PI14855	20001010
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CA2385626 C	20060103	CA20002385626	20001010
CA2386140 AA	20020405	CA20002386140	20001010
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CA2387052 C	20070116	CA20002387052	20001010
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CL2000002747 A1	20011108	CL20000002747	20001006
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CN1191974 C	20050309	CN20008015991	20001010
CN1378433 A	20021106	CN20008014003	20001010
CN1387409 A	20021225	CN20008015348	20001010
CN1391525 A	20030115	CN20008015991	20001010
CZ20021233 A3	20020814	CZ20020001233	20001010
DE60019316 D1	20050512	DE20006019316	20001010
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DE60028797 D1	20060727	DE20006028797	20001010

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DE60031995 T2	20070913	DE20006031995T	20001010
DE60037259 D1	20080110	DE20006037259	20001010
DE60037259 T2	20081009	DE20006037259T	20001010
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EP1217914 A1	20020703	EP20000970726	20001010
EP1217914 B1	20050406	EP20000970726	20001010
EP1217931 A1	20020703	EP20000968930	20001010
EP1217931 B1	20071128	EP20000968930	20001010
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JP2003511136 T2	20030325	JP20010529324T	20001010
JP2003511137 T2	20030325	JP20010529326T	20001010
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JP3881239 B2	20070214	JP20010530444T	20001010
JP4001577 B2	20071031	JP20030506560T	20020621
KR20020043619 A	20020610	KR20027004489	20001010
KR20020076230 A	20021009	KR20027004488	20001010
KR20020076231 A	20021009	KR20027004512	20001010
MXPA02003567 A1	20050419	MX2002PA03567	20001010
MXPA02003602 A1	20020918	MX2002PA03602	20001010
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MXPA02003604 A1	20020918	MX2002PA03604	20001010
MXPA02003605 A1	20020918	MX2002PA03605	20001010
MXPA02003606 A1	20020918	MX2002PA03606	20001010
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TH49289 A	20020207	TH20001003800	20001004
TH49895 A	20020308	TH20001003799	20001004
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TR200201692 T2	20021121	TR20020001692T	20001010
TW499365 B	20020821	TW20000121010	20001227
US2002017310 AA	20020214	US20010969074	20011002
US2002197094 AA	20021226	US20010887407	20010622
US2003086743 AA	20030508	US20020315348	20021210
US2005201812 AA	20050915	US20020126900	20020419

US2007223988 AA	20070927	US20070801859	20070511	
US6508602 BA	20030121	US19990451536	19991201	
US6547468 BB	20030415	US20010887407	20010622	
US6669387 BB	20031230	US20020315348	20021210	
US6726386 BA	20040427	US20020089355	20020327	
US6811338 BA	20041102	US20020089350	20020327	
US7021848 BA	20060404	US20000089351	20001010	
US7108440 BA	20060919	US20000089331	20001010	
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ZA200202473 A	20030627	ZA20020002473	20020327	
ZA200202474 A	20030722	ZA20020002474	20020327	

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** FIELDS KEVIN JOE ; GRUENBACHER DANA PAUL ; MANSKE THOMAS JAMES JR ; JOSEPH GARY CURTIS ; JOSEPH CURTIS GARY ; KEVIN JOE FIELDS ; GARY CURTIS JOSEPH ; PROCTER AND GAMBLE ; ZAVERI PIYUSH NARENDRA ; ZAVERI PIYUSH NARENDA ; PIYUSH NARENDA ZAVERI ; SHERRY ALAN EDWARD ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; DAVIS JAMES HERBERT ; ZIMMERMAN DEAN ARTHUR ; ZIMMERMAN DEAN A

Assignee(s): DIRKSING WILLIAM PAUL ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; VERBIEST JAN H ; WONG ARTHUR ; CEDENO ALEJANDRO ; PROCTOR AND GAMBLE CO ; PROCTER AND ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO ; GAMBLE CO ; LAKE KIRK WALLACE

Inventor(s):(std)**:** DAVIS HERBERT ; FIELDS JOE ; GARY CURTIS JOSEPH ; GRUENBACHER PAUL ; JOSEPH CURTIS ; JOSEPH CURTIS GARY ; PAUL GRUENBACHER DANA ; PIYUSH NARENDA ZAVERI ; PIYUSH NARENDRA ZAVERI ; SHERRY ALAN EDWARD ; ZAVERI NARENDRA ; ZAVERI PIYUSH N ; ZAVERI PIYUSH NARENDA ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZIMMERMAN DEAN ARTHUR ; MANSKE THOMAS J ; JOSEPH GARY CURTIS ; JOSEPH GARY C ; GRUENBACHER DANA PAUL ; GRUENBACHER DANA P ; FIELDS KEVIN JOE ; FIELDS KEVIN J ; DAVIS JAMES HERBERT ; DAVIS JAMES H ; KEVIN JOE FIELDS ; MANSKE JAMES ; MANSKE JR THOMAS JAMES ; MANSKE THOMAS JAMES ; MANSKE THOMAS JAMES JR ; ZAVERI P N ; WONG ARTHUR ; VERBIEST JAN H ; SHERRY ALAN E ; PUNG DAVE J ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; MANSKE JR THOMAS J ; LAKE KIRK WALLACE ; LAKE KIRK W ; JOSEPH G C ; FIELDS K J ; DIRKSING WILLIAM PAUL ; DIRKSING WILLIAM P ; CEDENO ALEJANDRO ; ZAVERI NARENDA ; JOSEPH GARY ; VERBIEST JAN HENDRIK MARIA ; THOMAS JAMES MANSKE JR ; THOMAS JAMES MANSKE ; THOMAS JAMES JR MANSKE ; JAMES HERBERT DAVIS ; DEAN A ZIMMERMAN ; DANA PAUL GRUENBACHER ; ALAN EDWARD SHERRY ; JR THOMAS JAMES MANSKE ; MANSKE THOMAS J JR

Inventor(s): MANSKE THOMAS ; MANSKE ; JR THOMAS JAMES ; JR THOMAS J ; DEAN ARTHUR ZIMMERMAN ; DIRKSING WILLIAM ; DAVIS JAMES ; GRUENBACHER DANA ; GC

JOSEPH ; G C JOSEPH ; FIELDS KEVIN ; LAKE KIRK ; KJ FIELDS ; K J FIELDS ; MANSKE THOMAS JJR ; PUNG DAVE JOHN ; PUNG DAVE ; PN ZAVERI ; P N ZAVERI ; SHERRY ALAN ; NARENDA ZAVERI PIYUSH ; ZIMMERMAN ; GUENBACHER DANA PAUL ; GRUENBACHER DANA PUAL ; FIELDS K J YMANSKE THOMAS JAMES ; DAVIS JAMES HERBET ; ZAVERI PIYUSH ; ZAVERI PIYUSH NARENDRA AND ; KEVIN J FIELDS ; CURTIS GARY JOSEPH ; CURTIS JOSEPH GARY ; DANA P GRUENBACHER ; JAMES H DAVIS ; JOE FIELDS KEVIN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A41D19/00 A45D33/36 A45D34/04 A45D37/00 A45D40/00 A46B11/00 A46B11/02 A46B5/04 A47K7/03 A47L1/08 A47L1/15 A47L13/16 A47L13/17 A47L13/18 A47L13/19 A61C17/00 A61F13/40 A61J1/05 A61K8/00 A61K8/02 A61K8/34 A61K8/36 A61K8/365 A61K8/41 A61K8/46 A61M35/00 A61Q1/00 A61Q1/02 A61Q1/14 A61Q11/00 A61Q19/00 A61Q19/10 A61Q3/04 A61Q5/02 B05C1/02 B05C17/00 B05C17/10 B32B33/00 B32B5/18 B43K5/14 B60S3/04 B65B1/04 B65D30/22 B65D33/38 B65D75/58 B65D77/08 B65D81/32 B65D81/34 B65D83/00 C11D17/04 (Advanced/Invention); A45D34/04 A45D37/00 A45D40/26 A47L13/16 A47L13/17 A61K8/00 A61Q1/00 A61Q1/02 A61Q1/14 A61Q19/10 A61Q3/04 A61Q5/02 B05C1/02 B60S3/04 B65D30/22 B65D75/30 B65D81/34 (Advanced/Non–invention); A01N25/34 A45D33/00 A45D34/04 A45D37/00 A45D40/00 A46B11/00 A46B5/00 A47K7/02 A47L1/00 A47L13/16 A61F13/40 A61J1/05 A61K8/00 A61K8/02 A61K8/30 A61M35/00 A61Q1/00 A61Q1/02 A61Q1/14 A61Q11/00 A61Q19/00 A61Q19/10 A61Q3/04 A61Q5/02 B05C1/02 B05C17/00 B43K5/00 B60S3/04 B65B1/04 B65D30/22 B65D33/36 B65D75/52 B65D77/00 B65D81/32 B65D81/34 C11D17/04 (Core/Invention)

International class (IPC 1–7): A01N25/34 A45D33/36 A45D34/04 A45D37/00 A45D40/26 A46B 11/00 A46B11/00 A46B5/04 A47B13/01 A47K7/03 A47L1/15 A47L13/16 A47L13/17 A47L13/18 A47L13/19 A61J1/05 A61K7/02 A61K7/047 A61K7/075 A61K7/50 A61K8/02 A61M35/00 B05C1/02 B05C17/00 B05C17/10 B32B33/00 B43K5/14 B60S3/04 B65D30/22 B65D33/38 B65D75/30 B65D75/58 B65D77/08 B65D81/32 B65D83/72 C11D17/04

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European class: A01N25/34 A45D34/04 A45D37/00 A45D40/00 A46B11/00A A46B5/04 A47K7/03 A47L1/15 A47L13/17 A47L13/18 A47L13/19 A61K8/02C A61M35/00 A61M35/00B A61M35/00B2 A61Q11/00 A61Q19/00 A61Q19/10 B05C17/00B B65D75/58G1 B65D81/32H1 B65D83/00B C11D17/04B K45D200/10B2 K45D200/10B6B K46B200/20 K61K201/113 K61K201/115 K61M205/36

US class: 126/263.08 126/263.09 132/32 132/320 15/104.94 15/227 401/1 401/132 401/132S 401/133 401/133P 401/133S 401/137 401/137P 401/1S 401/201 401/7 401/7P 604/291 604/292 604/3 604/306 62/4

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0) US2002098317A – OXIDIZED CELLULOSE–CONTAINING FIBROUS MATERIALS...

39) Family number: 28215981 (US2002098317A)

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Title: OXIDIZED CELLULOSE–CONTAINING FIBROUS MATERIALS AND PRODUCTS MADE THEREFROM

Priority:

DE19991053590	19991108	DE20006027548	20000224	EP19990200537	19990224
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WO2000NL00119	20000224	RU20010125941	20000224		

Family:

Publication number	Publication date	Application number	Application date
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ZA200106740 A	20020815	ZA20010006740	20010815

Probable Assignee: NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK

Assignee(s):(std)**:** BESEMER ARIE CORNELIS ; BRAGD PETTER ; DEN DOOL RONALD VAN ; GUNNARS SUSANNA ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; SCA HYGIENE PROD GMBH ; SCA HYGIENE PRODUCTS ZEIST B V ; ZAIST SCA HYGIENE PRODUCTS GMB ; SCA HYGIENE PROD ZEIST BV ; SCA HYGIENE PRODUCTS GMBH ; SCA HYGIENE PRODUCTS ZEIST BV

Assignee(s): SCA HYGIENE PRODUCTS ZEIST B V ZEIST ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETEN ; ZAIST SCA HYGIENE PRODUCTS GMBH ; VAN HARTINGSVELDT WIM ; SCA HYGIENE PRODUCTS ZEIST PO BOX BV

Inventor(s):(std)**:** ARIE CORNELIS BESEMER ; BESEMER ARIE CORNELIS ; BESEMER ARIE CORNELLS ; BESEMER CORNELIS ; BRAGD PETTER ; DOOL RONALD VAN DEN ; GUNNARS SUSANNA ; GUNNARS SUSANNE ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JAN MATTHIJS JETTEN ; JAN MATTHIYS JETTEN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; JETTEN JAN MATTHIYS ; JETTEN MATTHIJS ; PETTER BRAGD ; RONALD TAKO MARINUS VAN DEN DOOL ; RONALD VAN DEN DOOL ; RONALD VANDENDOOL ; SUSAANA GUNNARS ; SUSANNA GUNNARS ; THOMAS JASCHINSKI ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; VANDENDOOL RONALD ; VANHARTINGSVELDT WILLEM ; WILLEM VAN HARTINGSVELDT ; WILLEM VANHARTINGSVELDT ; WIM VAN HARTINGSVELDT ; VAN HARTINGSVELDT WIM ; GUNNARS SUSAANA ; DOOL RONALD TAKO MARINUS VAN D ; VAN HARTINGSVELDT ; VAN DEN DOOL ; JETTEN MATTHIJS JAN ; JETTEN ; JASCHINSKI ; GUNNARS ; BRAGD ; BESEMER CORNELIS ARIE ; BESEMER

Inventor(s): CORNELIS ARIE BESEMER ; MATTHIJS JAN JETTEN

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG

US UZ VN YU ZA ZW

International class (IPC 8–9): C08B11/04 C08B11/10 C08B11/14 C08B11/145 C08B15/02 C08B15/04 D04H13/00 D21C9/00 D21H11/20 (Advanced/Invention); C08B11/00 C08B15/00 D04H13/00 D21C9/00 D21H11/00 (Core/Invention)

International class (IPC 1–7): A47K7/00 C08B11/04 C08B11/08 C08B11/10 C08B11/12 C08B11/14 C08B11/145 C08B15/00 C08B15/02 C08B15/04 C12P19/04 D06M13/322 D21C3/20 D21C9/147 D21H11/20 D21H27/00

CPC: D04H1/425 D04H1/4374 D04H13/00 Y10T428/234 D21H11/20 C08B15/02 D21C9/002

European class: C08B15/02 D21C9/00B2 D21H11/20

US class: 162/109 162/157.6 162/165 162/165S 162/9 428/72 428/72P 435/101 435/28 536/124 536/18 536/56 8/181 8/189

Classification Explorer

Cited documents: WO9932652 A1, WO9923240 A1, WO9923117 A1, WO9855684 A1, WO9827117 A1, WO9736054 A2, WO9736053 A2, WO9736052 A2, WO9736051 A2, WO9736037 A2, WO9638484 A1, WO9636621 A1, WO9609435 A1, WO9525844 A1, WO9511340 A1, WO9507303 A1, WO9429510 A1, WO9428244 A1, WO9416750 A1, WO0129309 A1, US6562195 BB, US6524348 BA, US6409881 BA, US6379494 BA, US6368456 BA, US6331619 BA, US6319361 BA, US6254724 BA, US6228126 BA, US6103059 A, US6087135 A, US6031101 A, US5877330 A, US5873979 A, US5849929 A, US5831043 A, US5821374 A, US5760212 A, US5747658 A, US5739352 A, US5698688 A, US5629426 A, US5607551 A, US5472485 A, US5416215 A, US5348621 A, US5334756 A, US4983748 A, US4972018 A, US4647505 A, US4100341 A, US4082743 A, US3632802 A, US3431254 A, US3313641 A, US3137588 A, US3086969 A, US2003024661 AA, US2002098317 AA, US2002072598 AA, US2002026993 AA, SU592905 T, SU529905 T, SU1268650 T, SU1268649 T, SU1268648 T, SE510528 C2, RU592905, JPS63211399, JPS5054684, JP8003136 A2, JP63211399 A2, JP6017399 A2, JP5054684 A2, JP50054684 A2, JP2099695 A2, JP11012301 A2, JP10251302 A2, JP10072501 A2, GB2289695 A1, GB1385894 A, GB1299646 A, EP1245722 A2, EP1106732 A2, EP1077286 A1, EP1077285 A1, EP1077221 A1, EP0905289 A2, EP0866060 A2, EP0801073 A2, EP0775684 A1, EP0752024 B1, EP0677612 A2, EP0617164 A1, EP0574661 A1, EP0324382 A2, EP0283951 A1, EP0124439 A2, DE4432795 A1, DE4219471 A1, DE19821263 A1, DE19746805 C1, DE19723912 A1,

0) US2013277388A – TISSUE PAPER SYSTEMS

40) Family number: 50950076 (US2013277388A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362449 AA	20120419	AU20100362449	20101011
CN103249342 A	20130814	CN201080070587	20101011
EP2627231 A1	20130821	EP20100768001	20101011
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RU2013121580 A	20141120	RU20130121580	20101011
TN2013000124 A1	20140625	TN20130000124	20130322
US2013277388 AA	20131024	US20100878899	20101011
WO12048726 A1	20120419	WO2010EP65195	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): BREMENKAMP RALPH ; ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): RALPH BREMENKAMP ; MARCEL SCHMIDT ; BERTOLD ENGLER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D5/5425 B65D83/0805

European class: A47K10/42C B65D5/54B3B B65D83/08B

US class: 221/306

Classification Explorer

Cited documents: WO07130439 A2, WO0061458 A1, US7850038 BB, US7530472 BB, US5642836 A, US4416392 A, US3836044 A, US2013020346 AA, US2006054517 AA, US2005279757 AA, JP2006027694 A2, CN2803237 Y,

0) US5405342A – DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INS...

41) Family number: 17915629 (US5405342A) © PatBase

Title: DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INSERT

Priority:

CA19922072689	19920629	EP19920121680	19921221	US19910116822	19910903
US19940188626	19940127	US19930116822	19930903	US19910816457	19911231
US19950388084	19950214	US19950388085	19950214	US19940268862	19940629
US19950388083	19950214				

Family:

Publication number	Publication date	Application number	Application date
AU199230461 A1	19930708	AU19920030461	19921230
AU661078 B2	19950713	AU19920030461	19921230
CA2072689 AA	19930701	CA19922072689	19920629
DE69225786 D1	19980709	DE19926025786	19921221
DE69225786 T2	19981210	DE19926025786T	19921221
DE9219166 U1	19981112	DE19920019166U	19921221
EP0549988 A1	19930707	EP19920121680	19921221
EP0549988 B1	19980603	EP19920121680	19921221
ES2116307 T3	19980716	ES19920121680T	19921221
JP6178795 A2	19940628	JP19930000058	19930104
KR100240041 B1	20000115	KR19920026436	19921230
KR19930011975 A	19930720	KR19920026436	19921230
MX9207125 A1	19930601	MX19920007125	19921209
TH16979 A	19951129	TH19921001668	19921118
US5405342 A	19950411	US19940268862	19940629
US5458591 A	19951017	US19950388085	19950214
US5476457 A	19951219	US19950388083	19950214
US5613959 A	19970325	US19950388084	19950214
ZA9209045 A	19930519	ZA19920009045	19921123

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS US ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS 54957 0349 US ; WERNER EDWARD ERICH ; CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD

Inventor(s):(std)**:** CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD ; HANSON PAULA MARY ; LEICK KENNETH ALOIS ; MARIAN KIIBUIRU RAITSUKU ; MARIANNE KEEVILL LEICK ; PAULA MARY HANSON ; POORA MARII HANSON ; ROESSLER THOMAS H ; ROESSLER THOMAS HAROLD ; THOMAS HAROLD ROESSLER ; TOOMASU HARORUDO RAASURAA ; WERNER EDWARD E ; WERNER EDWARD ERICH ; LEICK MARIANNE K ; LEICK KENNETH A ; KENNETH ALOIS LEICK ; KENISU AROISU RAITSUKU ; HANSON PAULA M ; ENDRES DAN D ; EDWARD ERICH WERNER ; EDOWAADO ERITSUKU WAANAA ; DAN DARORUDO ENDORESU ; DAN DAROLD ENDRES ; ANNAMARIA CHIESUKO KIYANSHIAN ; ANNAMARIA CESCO CANCLAN ; ANNAMARIA CESCO CANCIAN ; CESCO CANCLAN ANNAMARIA ; LEICK MARIANNE KEEVILL

Inventor(s): LEICK MARIANNE KEEVILL APPLETON WISCONSIN 54911 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 US ; WERNER EDWARD ERICH OSHKOSH WISCONSIN 54901 US ; ROESSLER THOMAS HAROLD MENASHA WISCONSIN 54952 US ; LEICK KENNETH ALOIS APPLETON WISCONSIN 54911 US ; HANSON PAULA MARY APPLETON WISCONSIN 54911 US ; ENDRES DAN DAROLD APPLETON WISCONSIN 54915 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 U

Designated states: BE DE ES FR GB IT NL SE

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/53 A61F13/539 A61F13/56 A61F5/44 (Advanced/Invention);
A61F13/56 A61F5/44 (Advanced/Non–invention);
A61F13/15 (Core/Invention);
A61F13/56 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/46 A61F5/44 A61L15/16

CPC: A61F13/511 A61F13/15211 A61F13/505 A61F13/5116 A61F13/512 A61F13/49009 A61F13/49017 A61F13/491 A61F13/49413 A61F13/533 A61F13/58 A61F2013/15219 A61F2013/15235 A61F2013/15365 A61F2013/15406 A61F2013/15422 A61F2013/15869 A61F2013/1591 A61F2013/4581 A61F2013/49025 A61F2013/49031 A61F2013/49038 A61F2013/4944 A61F2013/4948 A61F2013/4955 A61F2013/5055 A61F2013/51035 A61F2013/51066 A61F2013/51409 A61F2013/51433 A61F2013/5149 A61F2013/530007 A61F2013/530021 A61F2013/53035 A61F2013/530481 A61F2013/530489 A61F2013/53051 A61F2013/5307 A61F2013/530795 A61F2013/5677 A61F2013/588

European class: A61F13/15J2 A61F13/49D2 A61F13/505 K61F13/15A5M K61F13/15J2B K61F13/15J2E K61F13/15J8D K61F13/15J8E K61F13/15J8H K61F13/15M11E1 K61F13/15M11E5 K61F13/45C4B K61F13/491 K61F13/494A1 K61F13/494A1D K61F13/494D K61F13/495C K61F13/49D2E K61F13/49D2H2 K61F13/49D2H3 K61F13/49D2J K61F13/505A K61F13/511E1 K61F13/514A4 K61F13/514A4D K61F13/514C4B K61F13/51M6E K61F13/51N2 K61F13/533 K61F13/53L K61F13/53L2 K61F13/53M7A K61F13/53Q K61F13/53Q1 K61F13/53Q10 K61F13/53Q2 K61F13/53Q6 K61F13/56F4 K61F13/58 K61F13/58F

US class: 604/364 604/385.1 604/385.14 604/385.19 604/385.28 604/394 604/397

Classification Explorer

Cited documents: WO9116871 A1, WO9110413 A1, WO9108722 A1, WO9003156 A1, WO8911842 A1, US771001 A, US5304161 A, US5176672 A, US5108385 A, US5026364 A, US5026363 A, US4968312 A, US4964857 A, US4955880 A, US4938754 A, US4916005 A, US4892598 A, US4861652 A, US4846825 A, US4846823 A, US4834737 A, US4834736 A, US4834735 A, US4798603 A, US4795453 A, US4756709 A, US4753649 A, US4747846 A, US4704116 A, US4701176 A, US4699620 A, US4685915 A, US4681577 A, US4657802 A, US4597761 A, US4597760 A, US4585448 A, US4578073 A, US4501586 A, US4496360 A, US4405297 A, US4388075 A, US4355722 A, US4340563 A, US4335722 A, US4265245 A, US4244368 A, US4072150 A, US4022210 A, US4019517 A, US3952745 A, US3926189 A, US3874385 A, US3838695 A, US3804092 A, US3777759 A, US3741212 A, US3727615 A, US3693621 A, US3667466 A, US3665923 A, US3654928 A, US3636952 A, US3635221 A, US3616797 A, US3602225 A, US3595235 A, US3561447 A, US3528422 A, US3430629 A, US3364931 A, US3211147 A, US3162196 A, US3131693 A, US3110312 A, US3050063 A, US3049124 A, US2893393 A, US2733715 A, US2690749 A, US2688328 A, US2683457 A, US2649859 A, US2627858 A, US2538758 A, US2530647 A, US2450789 A, US2450059 A, US2122417 A, US2002368 A, US1931357 A, US1674600 A, US1133945 A,

GBA2269999, GB2269999 A1, GB2256803 A1, GB1456428 A, EP0243013 A1, EP0140471 A1, DE3343622 A1, CA2048214 AA, AU8420791 A1,

0) US2008280088A – TISSUE ROLL WITH ANGLED PERFORATIONS

42) Family number: 41886857 (US2008280088A) © PatBase

Title: TISSUE ROLL WITH ANGLED PERFORATIONS

Priority: EP20060125487 20061206 WO2007IB54945 20071206

Family:

Publication number	Publication date	Application number	Application date
CA2671631 AA	20090604	CA20072671631	20071206
EP1929912 A1	20080611	EP20060125487	20061206
MX2009006005 A1	20090616	MX20090006005	20071206
US2008280088 AA	20081113	US20070951685	20071206
WO08068723 A1	20080612	WO2007IB54945	20071206

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** BAUM DANIELA ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** BAUM DANIELA

Inventor(s): DANIELA BAUM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B26F1/00 (Advanced/Invention); A47K10/00 B26F1/00 (Core/Invention)

CPC: Y10T428/15 A47K10/16 Y10T225/12

European class: A47K10/16

US class: 225/2 242/550 428/43

Classification Explorer

Cited documents: WO03026472 A1, US714652 A, US6460727 BA, US6228454 BA, US5789050 A, US5496605 A, US5453311 A, US5205454 A, US5041317 A, US4884719 A, US4646364 A, US4210688 A, US4199090 A, US405412 A, US3931886 A, US3770172 A, US3583558 A, US3467250 A, US2004224116 AA, US2002074375 AA, US1170589 A, DE8715128 U,

0) US2008264280A – PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES ...

43) Family number: 42441093 (US2008264280A) © PatBase

Title: PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES WITH PERFORATED SHEETS

Priority: EP20080719542 20080303 US20070796614 20070427 WO2008IB50768 20080303

Family:

Publication number	Publication date	Application number	Application date
AT538929 E	20120115	AT20080719542T	20080303
AU2008243889 AA	20081106	AU20080243889	20080303
AU2008243889 BB	20131121	AU20080243889	20080303
BRPI0809723 A2	20150210	BR2008PI09723	20080303
CA2681858 AA	20081106	CA20082681858	20080303
DE602008012338 D1	20120308	DE200860012338T	20080303
EP2148781 A2	20100203	EP20080719542	20080303
EP2148781 B1	20111228	EP20080719542	20080303
JP2010524743 T2	20100722	JP20100504916T	20080303
MX2009010449 A1	20091019	MX20090010449	20080303
US2008264280 AA	20081030	US20070796614	20070427
US8844437 BB	20140930	US20070796614	20070427
WO08132615 A2	20081106	WO2008IB50768	20080303
WO08132615 A3	20081224	WO2008IB50768	20080303

Probable Assignee: KIMBERLY CLARK WORLDIWDE INC

Assignee(s):(std)**:** BAGGOT JAMES L ; KIMBERLY CLARK CO ; WOOLEY TIMOTHY A ; SMITH JUSTEN H

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; KIMBERLY CLARK WORLDIWDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK

Inventor(s):(std)**:** BAGGOT JAMES ; BAGGOT JAMES L ; SMITH JUSTEN ; SMITH JUSTEN H ; WOOLEY TIMOTHY ; WOOLEY TIMOTHY A ; BAGGOT JAMES LEO

Inventor(s): WOOLEY TIMOTHY A SHERWOOD ; TIMOTHY A WOOLEY ; JUSTEN H SMITH ; JAMES L BAGGOT ; JAMES LEO BAGGOT ; SMITH JUSTEN H NEENAH ; BAGGOT JAMES L MENASHA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B41F13/12 B41F13/24 B41F19/00 B41F33/00 B41F33/06 B41F33/14 B41G7/00 B41K3/12 (Advanced/Invention); B41F13/24 B41F19/00 B41F33/00 B41F33/04 B41F33/14 B41G7/00 (Core/Invention)

CPC: B41F13/12 B41G7/006 B41P2217/52

European class: B41F13/12 B41G7/00C L41P217/520

US class: 101/226 101/248 101/35 101/486

Classification Explorer

Cited documents: US7089854 BB, US7037575 BB, US6983686 BB, US6929838 BA, US6928929 BA, US6273313 BA, US5839688 A, US5802974 A, US5720223 A, US5660674 A, US5452632 A, US5417638 A, US5263413 A, US5119725 A, US4955265 A, US4896605 A, US4781090 A, US4757930 A, US4361260 A, US3832064 A, US3264921 A, US2008148981 AA, US2007239126 AA, US2007084099 AA, US2005204941 AA, US2005153100 AA, US2005034578 AA, US2004258887 AA, US2004003521 AA, US2003234305 AA, JP8118589 A2, JP7125185 A2, JP63091251 A2, JP62174497 U1, JP62174497 U, JP50040888 A2, JP3005173 U1, JP11506984 T2, EP1527898 A1,

0) US6162329A – SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITIO...

44) Family number: 28648160 (US6162329A) © PatBase

Title: Soft tissue paper having a softening composition containing an electrolyte deposited thereon

Priority:

AU19980095989	19981001	US19970942053	19971001	US19980053319	19980401
US20000679988	20001005	WO1998US20738	19981001		

Family:

Publication number	Publication date	Application number	Application date
AU199895989 A1	19990423	AU19980095989	19981001
AU200172126 A1	20011206	AU20010072126	20010914
AU200172126 A5	20011206	AU20010072126D	20010914
AU740312 B2	20011101	AU19980095989	19981001
AU773025 B2	20040513	AU20010072126	20010914
BRPI9813842 A	20001003	BR1998PI13842	19981001
CA2305567 AA	20000331	CA19982305567	19981001
CN1280641 A	20010117	CN19988011732	19981001
EP1023497 A1	20000802	EP19980949724	19981001
JP2001518576 T2	20011016	JP20000514025T	19981001
KR100365394 B1	20021218	KR20007003537	20000331
KR20010024387 A	20010326	KR20007003537	19981001
TH34267 A	19990806	TH19981003814	19980930
TW518382 B	20030121	TW19980116341	19981026
US6162329 A	20001219	US19980053319	19980401
US6579416 BA	20030617	US20000679988	20001005
WO9916974 A1	19990408	WO1998US20738	19981001
ZA9808976 A	19990407	ZA19980008976	19981001

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN ; THE PROCTER AND GAMBLE CO ; FAGIN SEAN PATRICK ; GAMBLE CO ; PROCTER AND

Inventor(s):(std)**:** ERROL H WAHL ; ERROL HOFFMAN WAHL ; FAGIN SEAN P ; FAGIN SEAN PATRICK ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; RICHARD MARTIN WARD ; SEAN P FAGIN ; SEAN PATRICK FAGIN ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WAHL ERROL H ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/07 D21H19/10 D21H19/12 D21H21/22 D21H21/24 D21H27/00 (Advanced/Invention); D21H21/22 D21H27/00 (Advanced/Non–invention); D21H21/22 (Core/Invention); D21H27/00 (Core/Non–invention); A47K D21H (Subclass/Invention)

International class (IPC 1–7): A47K D21H D21H11/00 D21H17/07 D21H17/71 D21H19/10 D21H19/12 D21H19/12 D21H21/22 D21H21/24 D21H27/00

CPC: D21H21/22

European class: D21H21/22

US class: 162/112 162/135 162/158 162/181.2 162/181.3 162/184 252/8.63

Classification Explorer

Cited documents: WO9410381 A1, US5814188 A, US5753079 A, US5611890 A, US5543067 A, US5527560 A, US5405501 A, US5397435 A, US5389204 A, US5296024 A, US5292363 A, US5246546 A, US5246545 A, US5215626 A, US4844823 A, US4636224 A,

US4579591 A, US4118271 A, JP50040892 A2, EP0688901 A2,

0) US2003089734A – CONTAINER

45) Family number: 31386894 (US2003089734A) © PatBase

Title: CONTAINER

Priority:

DE20001028747	20000610	DE20011025958	20010529	GB20020028324	20010529
GB20040014478	20010529	US20040983192	20041105	US20050002350	20050214
US20020240968	20021007	WO2001EP06332	20010529		

Family:

Publication number	Publication date	Application number	Application date
AU2001267516 AA	20011224	AU20010267516	20010529
AU200167516 A1	20011224	AU20010067516	20010529
AU200167516 A5	20011224	AU20010067516	20010529
DE10125958 A1	20011213	DE20011025958	20010529
GB200228324 A0	20030108	GB20020028324	20010529
GB200413876 A0	20040721	GB20040013876	20010529
GB200413979 A0	20040728	GB20040013979	20010529
GB200414466 A0	20040728	GB20040014466	20010529
GB200414472 A0	20040728	GB20040014472	20010529
GB200414474 A0	20040728	GB20040014474	20010529
GB200414478 A0	20040728	GB20040014478	20010529
GB200414834 A0	20040804	GB20040014834	20010529
GB200414932 A0	20040804	GB20040014932	20010529
GB200414934 A0	20040804	GB20040014934	20010529
GB200414936 A0	20040804	GB20040014936	20010529
GB200415069 A0	20040804	GB20040015069	20010529
GB200422451 A0	20041110	GB20040022451	20010529
GB200422452 A0	20041110	GB20040022452	20010529
GB200422454 A0	20041110	GB20040022454	20010529
GB2379484 A1	20030312	GB20020028324	20010529
GB2379484 B2	20050209	GB20020028324	20010529
GB2401913 A1	20041124	GB20040014478	20010529
GB2401913 B2	20050209	GB20040014478	20010529
GB2402175 A1	20041201	GB20040013979	20010529
GB2402175 B2	20050209	GB20040013979	20010529
GB2402176 A1	20041201	GB20040014474	20010529
GB2402176 B2	20050209	GB20040014474	20010529
GB2402177 A1	20041201	GB20040015069	20010529
GB2402177 B2	20050209	GB20040015069	20010529
GB2402438 A1	20041208	GB20040013876	20010529
GB2402438 B2	20050209	GB20040013876	20010529
GB2402439 A1	20041208	GB20040014466	20010529
GB2402439 B2	20050209	GB20040014466	20010529
GB2402713 A1	20041215	GB20040014932	20010529
GB2402713 B2	20050209	GB20040014932	20010529
GB2403275 A1	20041229	GB20040014472	20010529

GB2403275 B2	20050309	GB20040014472	20010529
GB2403437 A1	20050105	GB20040014834	20010529
GB2403437 B2	20050309	GB20040014834	20010529
GB2403776 A1	20050112	GB20040014934	20010529
GB2403776 B2	20050316	GB20040014934	20010529
GB2403777 A1	20050112	GB20040014936	20010529
GB2403777 B2	20050316	GB20040014936	20010529
GB2404223 A1	20050126	GB20040022451	20010529
GB2404223 B2	20050330	GB20040022451	20010529
GB2404224 A1	20050126	GB20040022452	20010529
GB2404224 B2	20050330	GB20040022452	20010529
GB2404225 A1	20050126	GB20040022454	20010529
GB2404225 B2	20050330	GB20040022454	20010529
JP3099331 U	20040402	JP20020600005U	20010529
US2003089734 AA	20030515	US20020240968	20021007
US2006027595 AA	20060209	US20040983192	20041105
US2007164056 AA	20070719	US20050002350	20050214
US7320417 BB	20080122	US20020240968	20021007
WO0196210 A2	20011220	WO2001EP06332	20010529
WO0196210 A3	20020620	WO2001EP06332	20010529

Probable Assignee: WELLA AG

Assignee(s):(std)**:** EBERHARDT HEIKO ; STEIGERWALD FRANZ ; WELLA AG

Assignee(s): WELLA AKTIENGESELLSCHAFT

Inventor(s):(std)**:** STEIGERWALD FRANZ ; EBERHARDT HEIKO

Inventor(s): HEIKO EBERHARDT ; FRANZ STEIGERWALD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B05B1/00 B05B1/34 B05B11/00 B65D1/00 B65D83/00 B65D83/14 B65D83/16 B65D83/40 B65D83/44 B67D5/32 B67D7/32 (Advanced/Invention); B05B11/00 (Advanced/Non–invention); B05B1/34 B05B11/00 B65D83/00 B65D83/44 (Core/Invention)

International class (IPC 1–7): B05B1/00 B05B11/00 B05B9/04 B65D83/00 B65D83/14 B65D83/20 B65D83/22 B65D83/28 B65D83/32 B65D83/38 B65D83/40 B65D83/44 B65D83/48 E05B73/00 F16M13/02 G01F11/06

CPC: B05B1/00 B05B11/30 B65D83/206 B65D83/32 B65D83/38 B65D83/44 B65D83/48 B65D83/75 B65D2203/12 B65D1/00 B65D83/20 B65D83/46 B05B11/0005 B05B1/34

European class: B05B1/00 B05B1/34 B05B11/00B B65D1/00 B65D83/14C B65D83/14F B65D83/14H B65D83/14L B65D83/14Z B65D83/16B1C1 B65D83/16B2C1 B65D83/20 B65D83/20C2 B65D83/32 B65D83/38 B65D83/44 B65D83/46 B65D83/48 B65D83/75 L05B11/00P L05B11/30 L65D203/12

US class: 222/192 222/192S 222/321.7 222/321.700S 222/39 222/39P 222/402.1 222/402.100S 222/402.13 222/402.130P 222/635

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0) CO6720970A – SURTIDOR DE HOJAS HUMEDAS

46) Family number: 54819664 (CO6720970A) © PatBase

Title: SURTIDOR DE HOJAS HUMEDAS

Priority: CO20130117019 20130510 WO2010EP65194 20101011 WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
CO6710950 A2	20130715	CO20130117019	20130510
CO6710950 A2	20130715	CO20130117018	20130510
CO6720970 A2	20130731	CO20130117019	20130510

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKER ; MARCEL SCHMIDT ; RALPH BREMENKAMP

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

Classification Explorer

0) US2012273146A – BULKED ABSORBENT MEMBERS

47) Family number: 52216844 (US2012273146A) © PatBase

Title: BULKED ABSORBENT MEMBERS

Priority:

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WO13163360 A3	20140130	WO2013US38091	20130425

WO13163388 A1	20131031	WO2013US38156	20130425

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; DIPILLA MARIO ; GROSS SARAH BETH ; CURRO JOHN JOSEPH ; DI PILLA MARIO ; MARINELLI LUIGI ; LAKE KIRK WALLACE ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; MULLANE TIMOTHY IAN ; KOCHER LEROY JOSEPH ; ISBURGH ROBERT KARL ; MUHS KEVIN GERARD ; STRUBE JOHN BRIAN ; PRIESSMAN KEITH ROBERT ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE COMAPNY

Assignee(s): PROCTOR AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTER AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH ; DIPILLA MARIO ; GROSS SARAH BETH ; HAMMONS JOHN LEE ; JILL MARLENE ORR ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; JOHNSON KEITH ROBERT ; KIRK WALLACE LAKE ; KOCHER JOSEPH LEROY ; KOCHER LEROY JOSEPH ; LAKE KIRK WALLACE ; LEROY JOSEPH KOCHER ; MULLANE TIMOTHY IAN ; ORR JILL MARLENE ; PILLA MARIO DI ; PRIESSMAN KEITH ROBERT ; MARINELLI LUIGI ; STRUBE JOHN BRIAN ; TIMOTHY IAN MULLANE ; MULLANTE TIMOTHY IAN ; ISBURG ROBERT KARL ; MUHS KEVIN GERARD ; ISBURGH ROBERT KARL ; DI PILLA MARIO ; CUPRO JOHN JOSEPH

Inventor(s): MARIO DIPILLA ; CARMINE CIMINI ; HAMMONS JOHN LEEUS ; GROSS SARAH BETHUS ; COE RICHARD GEORGEUS ; MULLANE TIMOTHY IANUS ; MUHS KEVIN GERARDUS ; KOCHER LEROY JOSEPHUS ; ISBURGH ROBERT KARLUS ; ORR JILL MARLENEUS ; MARIO DI PILLA ; RICHARD GEORGE COE ; SARAH BETH GROSS ; LUIGI MARINELLI ; JOSEPH LEROY KOCHER ; KEITH ROBERT JOHNSON ; KEITH ROBERT PRIESSMAN ; JOHN LEE HAMMONS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B13/04 A61F13/00 A61F13/15 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 A61L15/20 A61L15/22 B26F1/10 B26F1/14 B26F1/20 B26F1/24 B29C43/24 B29C53/22 B29C53/24 B29C55/08 B29C55/18 B29C59/04 B29C70/46 B31F1/00 B31F1/07 B31F1/20 B31F1/22 B32B1/00 B32B3/00 B32B3/02 B32B3/10 B32B3/24 B65H35/00 B65H35/02 C08F110/02 C08G63/183 D04H1/26 D04H1/425 D06C23/04 D06C3/00 D06C3/06 D21F11/00 D21H27/02 (Advanced/Invention); B29C43/22 B29C43/46 B29C53/22 B29C53/26 B29C53/28 B29C59/04 D21H27/00 (Advanced/Non–invention)

CPC: B31F2201/0756 B31F2201/0748 A61F13/532 B29C59/04 D21F11/006 D21F11/008 Y10T428/24322 Y10T428/24479 A61F13/15731 A61F13/15617 A61F2013/15439 A61F13/15707 B29C2043/464 B29C43/24 B29K2001/00 Y10T428/24628 Y10T428/24694 A61F13/15577 B29C43/226 B29C53/22 B29C53/265 B29C53/285 B29C55/08 B31F2201/0743 B31F1/20 B29L2007/002 Y10T428/24273 B31F2201/0733 B31F2201/0738 B31F2201/0741 B31F2201/0774 B31F2201/0797 B65H35/02 A61F2013/15292 A61F2013/15373 D21H27/002 A61F13/00 B32B3/28 B32B3/30 D21H27/02 Y10T428/24612 Y10T428/24942 A61F13/51104 A61F13/512 A61F13/5121 B26F1/20 B26F1/24 B31F1/07 B31F2201/07 B31B50/00 A61F13/511 B29D28/00 B26F1/10 B29C53/24 B29C55/18 B32B3/266

European class: A61F13/15M6 A61F13/15M6C B29C55/18 D21H27/00D D21H27/02

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US8063064 BB, US8058501 BB, US8025966 BB, US8021591 BB, US8012309 BB, US7993317 BB, US7989058 BB, US7967801 BB, US7960020 BB, US7939168 BB, US7824594 BB, US7820874 BB, US7811665 BB, US7799176 BB, US7772457 BB, US7754312 BB, US7732657 BB, US7682686 BB, US7648752 BB, US7632979 BB, US7553532 BB, US7527615 BB, US7521588 BB, US7497926 BB, US7459180 BB, US7423003 BB, US7413630 BB, US7410683 BB, US7399378 BB, US7364687 BB, US7323072 BB, US7229681 BB, US7175412 BB, US7147453 BB, US7112257 BB, US7037569 BB, US7005558 BA, US6991706 BB, US6989075 BA, US6916969 BA, US6916438 BB, US6913718 BB, US6884494 BA, US6872274 BB, US6863960 BB, US6855220 BB, US6846172 BB, US6837956 BB, US6830800 BB, US6818802 BB, US6818101 BB, US6811652 BB, US6808791 BB, US6794626 BB, US6787000 BB, US6739024 BA, US6736916 BB, US6726870 BA, US6716498 BB, US6669878 BB, US6647549 BB, US6642432 BA, US6632504 BA, US6630054 BA, US6620485 BA, US6610390 BA, US6608236 BA, US6596127 BB, US6537936 BA, US6533898 BB, US6521812 BA, 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US2012064280 AA, US2012049404 AA, US2011319849 AA, US201113094206, US201113094195, US2011088859 AA, US2010318047 AA, US2010203306 AA, US2010201024 AA, US2010048072 AA, US2010036346 AA, US2010032867 AA, US2010001434 AA, US2009087636 AA, US2009029106 AA, US2009026651 AA, US2008224351 AA, US2008221542 AA, US2008221541 AA, US2008221539 AA, US2008221538 AA, US2008217809 AA, US2008167634 AA, US2008028902 AA, US2008028902, US2007131368 AA, US2007029694 AA, US2006286343 AA, US2006206072 AA, US2006151914 AA, US2006087053 AA, US2006063454 AA, US2006019056 AA, US2005173085 AA, US2005153100 AA, US2005140057 AA, US2005123726 AA, US2005096614 AA, US2005076936 AA, US2005064136 AA, US2005051290 AA, US2005021753 AA, US2004265534 AA, US2004265533 AA, US2004253894 AA, US2004253892 AA, US2004242097 AA, US2004229008 AA, US2004161586 AA, US2004157036 AA, US2004151796 AA, US2004137200 AA, US2004131820 AA, US2004126531 AA, US2004122396 AA, US2004121686 AA, US2004110442 AA, US2004109911 AA, US2004109911, 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US2003021951 AA, US2002132544 AA, US2002119720 AA, US2002107495 AA, US2002105110 AA, US2002103469 AA, US2002055310 AA, US2002039867 AA, US2002016122 AA, US06080276, RU2415758, RU2392363, JP9505224 T2, JP5084262 A2, JP5084262, JP309298, JP2014519422 T2, JP2014519422, JP2014516323 T2, JP2014516323, JP2011137248 A2, JP2011137248, JP2011132623 A2, JP2011132623, JP2010535111 T2, JP2010535111, JP2010520005 T2, JP2010520005, JP2010106430 A2, JP2010106430, JP2009299227 A2, JP2009299227, JP2009215667 A2, JP2009215667, JP2008132055 A2, JP2008132055, JP2007507324 T2, JP2007507324, JP2007501721 T2, JP2007501721, JP2007061171 A2, JP2007061171, JP2006527102 T2, JP2006527102, JP2006341455 A2, JP2006341455, JP2006175689 A2, JP2006175689, JP2004298411 A2, JP2004298411, JP2002512319 T2, JP2002512319, JP2001137284 A2, JP2001137284, JP2001020167 A2, JP2001020167, JP2000500712 T2, JP2000500712, JP132055, JP1316256 A2, JP11318982 A2, JP11318791 A2, JP11318791, JP10309298 A2, JP10080445, GB900083 A, FR1302937 A, EP1440197 B1, EP1004412 A1, EP0963747 A1, EP0959164 A1, EP0955159 A1, EP0810078 A1, EP0598970 B2, EP0598970 B1, EP0598970 A1, EP0509012 B1, EP0509012, EP0494112 A2, EP0338792 B1, EA12673, DE4024053 A1, CN1434728 A, CN1296538 A, CN102292195 A, CN101626747 A, CN101208466 A,

0) US6126784A – PROCESS FOR APPLYING CHEMICAL PAPERMAKING ADDIT...

48) Family number: 29449093 (US6126784A) © PatBase

Title: Process for applying chemical papermaking additives to web substrate

Priority: US19990305765 19990505 WO2000US11831 20000502

Family:

Publication number	Publication date	Application number	Application date
AR023855 AA	20020904	AR2000P102160	20000504
AT285493 E	20050115	AT20000928696T	20000502
AU200046893 A1	20001121	AU20000046893	20000502
AU200046893 A5	20001121	AU20000046893D	20000502
AU763746 B2	20030731	AU20000046893	20000502
BRPI0010290 A	20030701	BR2000PI10290	20000502
CA2372779 AA	20011101	CA20002372779	20000502
CA2372779 C	20051115	CA20002372779	20000502
CL2000001118 A1	20010119	CL20000001118	20000505
CL45357 B	20090612	CL20000001118	20000505
CN1353785 A	20020612	CN20008008499	20000502
CZ20013942 A3	20031015	CZ20010003942	20000502
DE60016922 D1	20050127	DE20006016922	20000502
DE60016922 T2	20051208	DE20006016922T	20000502
EG22505 A	20030331	EG20000000582	20000506
EP1190139 A1	20020327	EP20000928696	20000502
EP1190139 B1	20041222	EP20000928696	20000502
ES2231193 T3	20050516	ES20000928696T	20000502
HK1044576 A1	20050805	HK20020106261	20020823
HU0202353 AB	20021128	HU20020002353	20000502
JP2002544404 T2	20021224	JP20000617268T	20000502
KR20020047033 A	20020621	KR20017014010	20000502
NZ515013 A	20030829	NZ20000515013	20000502
PE01462001 A1	20010421	PE20000000414	20000504
PL352074 A1	20030728	PL20000352074	20000502
TH46667 A	20010815	TH20001001517	20000502

TR200103220 T2	20020422	TR20000003220T	20000502
US6126784 A	20001003	US19990305765	19990505
WO0068503 A1	20001116	WO2000US11831	20000502
ZA200108822 A	20030127	ZA20010008822	20011025

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBE COMPANY ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; PROCTER AND GAMBE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBE COMPANY

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON KENNETH DOUGLAS FICKE JONATHAN ANDREW

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): D21H19/84 D21H21/22 D21H23/24 D21H23/46 D21H23/70 D21H23/72 D21H25/08 D21H27/00 (Advanced/Invention); D21H19/84 D21H21/22 D21H23/72 D21H27/00 (Advanced/Non–invention); D21H21/22 D21H23/00 D21H25/00 D21H27/00 (Core/Invention); D21H19/00 D21H21/22 (Core/Non–invention)

International class (IPC 1–7): D21H D21H11/00 D21H21/22 D21H21/22 D21H23/22 D21H23/70 D21H23/72 D21H25/08 D21H27/00

CPC: D21H19/84 D21H21/22 D21H23/72 D21H25/08

European class: D21H23/72 D21H25/08 N21H19/84 N21H21/22

US class: 162/111 162/135 162/158 162/164.1 162/164.3 162/164.6 162/168.1 162/168.2 162/183 162/184

Classification Explorer

Cited documents: USH1672 H1, US5840403 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4300981 A, US1774398 A, FR2478491 A1, DE2846576 A1,

0) US2010252475A – SANITARY THIN PAPER CONTAINING BOX

49) Family number: 43386584 (US2010252475A)

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Title: SANITARY THIN PAPER CONTAINING BOX

Priority: EP20080860141 20081209 JP20070319002 20071210 WO2008JP72336 20081209

Family:

Publication number	Publication date	Application number	Application date
CN101896409 A	20101124	CN200880119452	20081209
CN101896409 B	20120829	CN200880119452	20081209
DE602008036502 D1	20150305	DE200860036502T	20081209
EP2233406 A1	20100929	EP20080860141	20081209
EP2233406 A4	20120307	EP20080860141	20081209
EP2233406 B1	20150121	EP20080860141	20081209
JP2009137643 A2	20090625	JP20070319002	20071210
JP4572228 B2	20101104	JP20070319002	20071210

KR101488553 B1	20150202	KR20107014963	20081209
KR20100101131 A	20100916	KR20107014963	20081209
US2010252475 AA	20101007	US20080746619	20081209
WO09075266 A1	20090618	WO2008JP72336	20081209

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** KONUMA ATSUSHI ; DAIO SEISHI KK

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO SHI

Inventor(s):(std)**:** ATSUSHI KONUMA ; KONUMA ATSUSHI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/20 A47K10/42 B65D5/70 B65D83/00 B65D83/08 (Advanced/Invention); A47K10/20 A47K10/42 B65D5/70 B65D83/08 (Advanced/Non–invention); A47K10/00 A47K10/24 B65D83/00 B65D83/08 (Core/Invention)

CPC: Y02W30/807 B65D83/0894

European class: B65D83/08H

US class: 206/494

Classification Explorer

Cited documents: US7360667 BB, US6863192 BB, US5908153 A, US5542598 A, US5332117 A, US5219421 A, US3603452 A, US2636599 A, US2006273107 AA, US2006000739 AA, US2005269343 AA, US2004112783 AA, JP9169370 A2, JP2007297079 A2, JP2005225564 A2, JP2005225563 A2, JP2005035592 A2, JP2001315868 A2, JP2000281155 A2,

0) US2008257903A – HOUSEHOLD SANITARY TISSUE PAPER CONTAINER

50) Family number: 32397164 (US2008257903A)

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Title: HOUSEHOLD SANITARY TISSUE PAPER CONTAINER

Priority: JP20040138316 20040507 JP20060513002 20050506 WO2005JP08358 20050506

Family:

Publication number	Publication date	Application number	Application date
CN1946616 A	20070411	CN200580013411	20050506
CN1946616 B	20100505	CN200580013411	20050506
JP2005108238 A1	20080321	JP20060513002T	20050506
JP5041806 B1	20121003	JP20060513002T	20050506
JP5041806 B2	20121003	JP20060513002	20050506
US2008257903 AA	20081023	US20050579792	20050506
US7886933 BB	20110215	US20050579792	20050506
WO05108238 A1	20051117	WO2005JP08358	20050506

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** DAIO SEISHI K K ; DAIO SEISHI KK ; HIRASAWA AKIRA ; ONO HIROSHI

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** HIROSHI HIRASAWA AKIRA ONO ; ONO HIROSHI ; HIROSHI ONO ; HIRASAWA AKIRA ; AKIRA HIRASAWA

Inventor(s): HIRASAWA AKIRA ONO HIROSHI

Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
International class (IPC 8–9):	A47K10/20 A47K10/24 A47K10/42 B65D5/74 B65D83/08 B65H1/00 (Advanced/Invention); A47K10/24 B65D83/08 B65H1/00 (Core/Invention)
International class (IPC 1–7):	A47K10/42 B65D83/08
CPC:	B65D83/0805 B65D83/0894
European class:	B65D83/08B B65D83/08H
US class:	221/302 221/304 221/32 221/33 221/48 221/52 221/52P 229/200 229/237 229/238 229/240
Classification Explorer	
Cited documents:	US6905025 BB, US6758369 BB, US6419144 BB, US5542598 A, US5219421 A, US4785970 A, US4678099 A, US3325003 A, US3258156 A, US3207411 A, US3207361 A, US3083866 A, US3043472 A, US3036729 A, US2849152 A, US2334536 A, JPH0480878 U, JP63144492 U1, JP63144492 U, JP63144492 A2, JP62052074, JP62052074, JP58121871 U1, JP58121871 U, JP58121871 A2, JP57061018 Y2, JP57061018 A2, JP5003170 U, JP4080878 U1, JP4080878 A2, JP2005225562 A2, JP2003170976 A2, JP2003170976, JP2000254035, JP2000254035,

0) US2002112831A – SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITIO...

51) Family number: 30090331 (US2002112831A) © PatBase

Title:	Soft tissue paper having a softening composition containing an extensional viscosity modifier deposited thereon
Priority:	US20000256002P 20001215 US20010997950 20011130 US20030337480 20030107 WO2001US48598 20011207

Family:

Publication number	Publication date	Application number	Application date
AR031807 AA	20031001	AR2001P105792	20011214
AU2002230902 AA	20020624	AU20020230902	20011207
AU200230902 A1	20020624	AU20020030902	20011207
AU200230902 A5	20020624	AU20020030902	20011207
BRPI0116230 A	20030930	BR2001PI16230	20011207
CA2429760 AA	20030521	CA20012429760	20011207
CL2001003044 A1	20020902	CL20010003044	20011214
CN1478165 A	20040225	CN20018019926	20011207
EP1341964 A1	20030910	EP20010991159	20011207
HK1064136 A3	20050121	HK20040106339	20040824
JP2004515668 T2	20040527	JP20020550163T	20011207
KR20030064821 A	20030802	KR20037007912	20030613
MXPA03005299 A1	20031006	MX2003PA05299	20011207
PE08092002 A1	20021116	PE20010001233	20011211
TH58051 A	20030905	TH20011005034	20011212
US2002112831 AA	20020822	US20010997950	20011130
US2003127206 AA	20030710	US20030337480	20030107
US6547928 BB	20030415	US20010997950	20011130
WO0248458 A1	20020620	WO2001US48598	20011207

ZA200303467 A	20040330	ZA20030003467	20030506

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO

Assignee(s): WAHL ERROL HOFFMAN ; WU YENCHUN ; VINSON KENNETH DOUGLAS ; THE PROCTER AND GAMBLE CO ; BARNHOLTZ STEVEN LEE ; COFFARO PAUL JOSEPH ; MACKEY LARRY NEIL ; FRANKENBACH GAYLE MARIE ; HAMILTON AMY JO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** HAMILTON AMY JO ; FRANKENBACH GAYLE MARIE ; KENNETH DOUGLAS VINSON ; GAYLE MARIE FRANKENBACH ; LARRY NEIL MACKEY ; ERROL HOFFMAN WAHL ; KD VINSON ; AMY JO HAMILTON ; BARNHOLTZ S L ; BARNHOLTZ STEVEN LEE ; COFFARO PAUL JOSEPH ; COFFARO P J ; VINSON KENNETH DOUGLAS ; MACKEY LARRY NEIL ; WAHL ERROL HOFFMAN ; WU YENCHUN ; LARRYMACKEY NEIL ; VINSON K D ; SL BARNHOLTZ ; YENCHUN WU ; STEVEN LEE BARNHOLTZ ; PAUL JOSEPH COFFARO ; PJ COFFARO

Inventor(s): S L BARNHOLTZ ; P J COFFARO ; WAHL ERROL HOFFMANN ; NEIL LARRYMACKEY ; COFFARO PAUL MACKEY LARRY NEIL ; K D VINSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): B32B29/06 D21H17/03 D21H17/07 D21H17/45 D21H17/66 D21H17/72 D21H19/20 D21H21/22 (Advanced/Invention); D21H17/07 D21H17/45 D21H17/53 (Advanced/Non–invention)

International class (IPC 1–7): C08K3/00 D21F11/04 D21H17/00 D21H17/03 D21H17/07 D21H17/45 D21H17/55 D21H17/66 D21H17/71 D21H19/20 D21H21/22

CPC: D21H17/07 D21H17/53 D21H21/22

European class: D21H21/22 N21H17/07 N21H17/53

US class: 162/109 162/111 162/112 162/113 162/123 162/127 162/134 162/135 162/158 162/166 162/166S 162/168.1 162/168.100S 162/168.2 162/168.200S 162/168.3 162/168.300S 162/179 162/179S 162/181.1 162/181.2 524/548 524/548S

Classification Explorer

Cited documents: WO0022233 A1, WO0022231 A1, US6797117 BA, US6458343 BA, US6228223 BA, US6162329 A, US5814188 A, US5753079 A, US5656132 A, US5611890 A, US5573637 A, US5543067 A, US5538595 A, US5525345 A, US5510000 A, US5487813 A, US5468398 A, US5415737 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5221435 A, US5215626 A, US5059282 A, US4981557 A, US4874465 A, US4637859 A, US4528239 A, US4300981 A, US4239065 A, US4208459 A, US4191609 A, US4011389 A, US3974025 A, US3821068 A, US3812000 A, US3772076 A, US3700623 A, US3573164 A, US3473576 A, US3301746 A, EP0896045 A1, EP0688901 A2, EP0677612 A2, EP0617164 A1,

0) US5795921A – FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS US...

52) Family number: 29574265 (US5795921A)

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Title: FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS USEFUL AS ABSORBENT MEMBERS FOR CATAMENIAL PADS

Priority:

CA19962208642	19960111	CA19962226408	19960111	CA19962226408	19960111
US19960688496	19960730	US19970955555	19971020	US19950397592	19950302
US19960675138	19960703	US19950370697	19950110	US19950542497	19951013
WO1996US00388	19960111	WO1996US02251	19960220	WO1997US10607	19970613

Family:

Publication number	Publication date	Application number	Application date
AR000655 AA	19970710	AR19960334979	19960110
AR007712 AA	19991110	AR1997P102961	19970702
AU199648973 A1	19960731	AU19960048973	19960111
AU199649888 A1	19960918	AU19960049888	19960220
AU199733135 A1	19980121	AU19970033135	19970613
AU713687 B2	19991209	AU19960048973	19960111
AU713918 B2	19991216	AU19960049888	19960220
AU726285 B2	20001102	AU19970033135	19970613
BRPI9606735 A	19980113	BR1996PI06735	19960111
BRPI9607698 A	19980707	BR1996PI07698	19960220
BRPI9710133 A	19990810	BR1997PI10133	19970613
CA2208642 AA	19970624	CA19962208642	19960111
CA2208642 C	20040413	CA19962208642	19960111
CA2213263 AA	19970818	CA19962213263	19960220
CA2213263 C	20010626	CA19962213263	19960220
CA2226408 AA	19960718	CA19962226408	19960111
CA2226408 C	20011211	CA19962226408	19960111
CA2259542 AA	19990104	CA19972259542	19970613
CA2259542 C	20030408	CA19972259542	19970613
CL1996000036 A1	19960920	CL19960000036	19960110
CL1997001326 A1	19980319	CL19970001326	19970703
CL2000001534 A1	20010621	CL20000001534	20000612
CN1091449 C	20020925	CN19961092373	19960111
CN1146372 C	20040421	CN19961093120	19960220
CN1177359 A	19980325	CN19961092373	19960111
CN1181003 A	19980506	CN19961093120	19960220
CN1228016 A	19990908	CN19971097338	19970613
CO4700310 A1	19981229	CO19960000744	19960110
CO4900004 A1	20000327	CO19970037108	19970703
CZ9702181 A3	19971217	CZ19970002181	19960111
CZ9702717 A3	19980114	CZ19970002717	19960220
CZ9900016 A3	19990512	CZ19990000016	19970613
DE69618174 D1	20020131	DE19966018174	19960111
DE69618174 T2	20020822	DE19966018174T	19960111
DE69621005 D1	20020606	DE19966021005	19960220
DE69621005 T2	20021219	DE19966021005T	19960220
DE69709134 D1	20020124	DE19976009134	19970613
DE69709134 T2	20020718	DE19976009134T	19970613
EG21087 A	20001031	EG19960000024	19960110
EP0802930 A1	19971029	EP19960905138	19960111
EP0802930 B1	20011219	EP19960905138	19960111
EP0812173 A2	19971217	EP19960906543	19960220
EP0812173 B1	20020502	EP19960906543	19960220
EP0928178 A1	19990714	EP19970929004	19970613
EP0928178 B1	20011212	EP19970929004	19970613
ES2165070 T3	20020301	ES19970929004T	19970613
ES2171654 T3	20020916	ES19960905138T	19960111
ES2173271 T3	20021016	ES19960906543T	19960220
FI972917 A	19970908	FI19970002917	19970709

FI972917 A0	19970709	FI19970002917	19970709	
FI973578 A	19970901	FI19970003578	19970901	
FI973578 A0	19970901	FI19970003578	19970901	
HK1004140 A1	20021025	HK19980103535	19980427	
HK1005793 A1	20030103	HK19980105072	19980609	
HK1021310 A1	20021011	HK20000100198	20000112	
HU9800796 AB	19980728	HU19980000796	19960111	
HU9801584 AB	19981028	HU19980001584	19960220	
HU9904307 AB	20000428	HU19990004307	19970613	
HU9904307 AC	20000529	HU19990004307	19970613	
ID17766 A	19980122	ID19970002321	19970703	
IL127801 A0	20000622	IL19970127801	19970613	
IN01702DE1997 A	20160831	IN1997DE01702	19970621	
IN194941 B	20041211	IN1996DE00433	19960229	
JP10512168 T2	19981124	JP19960521815T	19960111	
JP11500940 T2	19990126	JP19960526300T	19960220	
JP11513921 T2	19991130	JP19980504185T	19970613	
JP3432828 B2	20030804	JP19960521815T	19960111	
JP3459260 B2	20031020	JP19960526300T	19960220	
JP3488246 B2	20040119	JP19980504185T	19970613	
KR100257434 B1	20000515	KR19970704691	19970709	
KR100259731 B1	20000615	KR19970706087	19970901	
KR19980701302 A	19980515	KR19970704691	19960111	
KR19980702681 A	19980805	KR19970706087	19960220	
KR20000022495 A	20000425	KR19980710936	19970613	
MX9705239 A1	19971031	MX19970005239	19960111	
MX9706634 A1	19980628	MX19970006634	19970902	
MX9706634 A1	19980630	MX19970006634	19970902	
MY115722 A	20030830	MY19960000752	19960229	
NO973186 A	19970910	NO19970003186	19970709	
NO973186 A0	19970709	NO19970003186	19970709	
NO974034 A	19970902	NO19970004034	19970902	
NO974034 A0	19970902	NO19970004034	19970902	
NO990028 A	19990303	NO19990000028	19990104	
NO990028 A0	19990104	NO19990000028	19990104	
PE79901 A1	20010819	PE20010000545	19970701	
PE8797 A1	19970425	PE19960000014	19960123	
TH22190 A	19961211	TH19961000605	19960227	
TH24063 A	19970312	TH19961000080	19960110	
TH31646 A	19990111	TH19971002606	19970701	
TR9700615 T2	19990921	TR19970000615T	19960111	
TR9700881 T1	19980121	TR19970000881T	19960220	
TR9802759 T2	19990322	TR19980002759T	19970613	
TW316443 Y	19970921	TW19960220081U	19960501	
TW396821 Y	20000701	TW19990221088U	19970624	
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US5795921 A	19980818	US19960688496	19960730	
US5849805 A	19981215	US19950542497	19951013	
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WO9621682 A1	19960718	WO1996US00388	19960111
WO9626699 A2	19960906	WO1996US02251	19960220
WO9626699 A3	19961010	WO1996US02251	19960220
WO9800085 A1	19980108	WO1997US10607	19970613
ZA9600134 A	19960730	ZA19960000134	19960109
ZA9601486 A	19960828	ZA19960001486	19960223
ZA9705825 A	19980901	ZA19970005825	19970630

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBEL CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; DYER JOHN COLLINS ; GAMBLE CO ; HAMMONS JOHN LEE ; LAMPSON PATRICIA LEE ; LLOYD SUSAN NICOLE ; PROCTER AND

Inventor(s):(std)**:** DYER COLLINS ; HAMMONS J L ; HAMMONS JOHNM LEE ; HAMMONS LEE ; JL HAMMONS ; JOHN C DYER ; JOHN COLLINS DYER ; LAMPSON LEE ; LAMPSON P L ; LEE HAMMONS JOHN ; LEE LAMPSON PATRICIA ; LLOYD NICOLE ; LLOYD SUSAN NICOLE ; LLOYD SUZAN NICOLE ; NICOLE LLOYD SUSAN ; PATRICIA L LAMPSON ; PATRICIA LEE LAMPSON ; PL LAMPSON ; SUSAN N LLOYD ; SUSAN N LOYD ; SUSAN NICOLE LLOYD ; YER JOHN COLLINS ; JOHN L HAMMONS ; JOHN LEE HAMMONS ; HAMMONDS JOHN LEE ; LLOYD SUSAN N ; LAMPSON PATRICIA LEE ; LAMPSON PATRICIA L ; HAMMONS JOHN LEE ; HAMMONS JOHN L ; DYER JOHN COLLINS ; DYER JOHN C

Inventor(s): J L HAMMONS ; P L LAMPSON ; Lampson ; SUZAN NICOLE LLOYD ; HAMMONS JOHN LEE DYER JOHN COLLINS ; Patricia Lee ; JOHN COLLINS YER

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/53 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/04 A61L31/14 C08F2/32 C08F212/12 C08F220/10 C08J9/00 G06F3/038 (Advanced/Invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 C08J9/00 (Advanced/Non–invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 A61L15/16 A61L31/04 A61L31/14 C08F2/32 C08F212/00 C08F220/00 C08J9/00 G06F3/033 (Core/Invention); A61F13/15 (Core/Non–invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/20 A61F13/46 A61F13/472 A61F13/53 A61L 15/42 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/00 B32B3/10 C08F12/08 C08F13/15 C08F13/20 C08F2/32 C08F20/10 C08F212/12 C08F220/10 C08J9/00 C08J9/28

CPC: A61F13/476 A61F2013/15317 A61F2013/15471 Y10T428/24273 Y10T428/24322 A61F13/47227 A61F13/15203 A61L15/24 A61L15/425 A61L31/048 A61L31/146 C08F2/32

European class: A61F13/15J A61F13/472B1 A61L15/24 A61L15/42E A61L31/04H A61L31/14H C08F2/32 K61F13/15J8A3 K61F13/15J8M1 K61F13/476

US class: 428/131 428/137 521/146 521/62 521/63 521/64 604/358 604/369 604/385.01 604/385.1 604/387

Classification Explorer

Cited documents: WO9626699 A2, WO9616624 A2, WO9605790 A1, WO9600550 A1, WO9428839 A1, WO9416658 A1, WO9413704 A1, WO9304113 A1, USH1634 H1, USH1614 H1, US5650222 A, US5633291 A, US5599334 A, US5571849 A, US5563179 A, US5550167 A, US5500451 A, US5454801 A, US5387207 A, US5352711 A, US5336695 A, US5336208 A, US5331015 A, US5318554 A, US5290820 A, US5268224 A, US5260345 A, US5252619 A, US5250576 A, US5221726 A, US5210108 A, US5210104 A, US5200433 A, US5198472 A, US5189070 A, US5149720 A, US5147345 A, US5134171 A, US5134007 A, US5128382 A, US5116883 A, US5116880 A, US5110838 A, US5066784 A, US5066684 A, US5065752 A, US5057096 A, US5047225 A, US5037859

A, US5021462 A, US5009653 A, US4992254 A, US4990541 A, US4985468 A, US4985467 A, US4966919 A, US4965289 A, US4961982 A, US4959341 A, US4957810 A, US4950264 A, US4940462 A, US4839395 A, US4797310 A, US4788225 A, US4775655 A, US4752349 A, US4740528 A, US4731391 A, US4725628 A, US4724242 A, US4668709 A, US4613543 A, US4612334 A, US4611014 A, US4606958 A, US4603069 A, US4554297 A, US4540717 A, US4536521 A, US4522953 A, US4473611 A, US4433972 A, US4425130 A, US4394930 A, US4376440 A, US4262052 A, US4132839 A, US4110276 A, US4093570 A, US4067832 A, US4061145 A, US4049592 A, US4046147 A, US4029100 A, US3994298 A, US3993074 A, US3988508 A, US3903232 A, US3806474 A, US3778390 A, US3763056 A, US3734867 A, US3640753 A, US3565817 A, US3563243 A, US3431911 A, US3256219 A, US3255127 A, US2747575 A, US2662527 A, US2331355 A, JP3049759 A2, JP2289608 A2, JP2239863 A2, GB2188055 A1, GB2078527 A1, GB1493356 A, FR2653328 A1, FR1340520 A, EP0685212 A2, EP0497681 A1, EP0480379 A2, EP0299762 A2, EP0176721 A2, EP0176711 A1, EP0049768 A1, EP0017672 A1, EP0017671 A1, DE3109929 A1, AU4988896 A1,

0) US2011240039A – SURGICAL DRAPE HAVING TEARABLE SHEET

53) Family number: 49698123 (US2011240039A) © PatBase

Title: SURGICAL DRAPE HAVING TEARABLE SHEET

Priority: US20100319738P 20100331 US20110076029 20110330 WO2011US30468 20110330 US20140504850 20141002

Family:

Publication number	Publication date	Application number	Application date
CA2792066 AA	20120904	CA20112792066	20110330
CN102821711 A	20121212	CN201180017306	20110330
CN102821711 B	20151007	CN201180017306	20110330
EP2552338 A1	20130206	EP20110763356	20110330
EP2552338 A4	20160224	EP20110763356	20110330
MX2012011174 A1	20130227	MX20120011174	20110330
US2011240039 AA	20111006	US20110076029	20110330
US2015107605 AA	20150423	US20140504850	20141002
WO11123506 A1	20111006	WO2011US30468	20110330

Probable Assignee: ALLEGIANCE CORP

Assignee(s):(std)**:** ALLEGIANCE CORP ; REYES ROGELIO ; ROBARDS DOUGLAS

Inventor(s):(std)**:** DOUGLAS ROBARDS ; REYES ROGELIO ; ROBARDS DOUGLAS ; ROGELIO REYES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61B19/00 A61B19/08 A61B46/00 A61B46/20 (Advanced/Invention)

CPC: A61B46/40 A61B2046/205 A61B2090/037 A61B19/088 A61B46/00

European class: A61B19/08 K61B19/08C1 K61B19/30H

US class: 128/853

Classification Explorer

Cited documents: WO9904721 A1, US7086404 BB, US6742522 BA, US6725864 BB, US6345621 BA, US6286511 BA, US5979450 A, US5975082 A, US5626947 A, US5532053 A, US4041942 A, US3930497 A, US3926185 A, US3791915 A, US3538912 A, US3072511 A, US2012312308 AA, US2010031966 AA, US2009277460 AA, US2005034731 AA,

US2002108615 AA, EP2151211 A2, CN1798531 A, CN101304702 A,

0) WO07081244A1 – METHOD FOR PROVIDING A PERFORATION LINE HAVING ...

54) Family number: 34892824 (WO07081244A1) © PatBase

Title: METHOD FOR PROVIDING A PERFORATION LINE HAVING ENHANCED VISIBILITY ON A FIBROUS WEB MATERIAL, FIBROUS WEB MATERIAL OBTAINED BY THE METHOD AND FIBROUS WEB MATERIAL

Priority: WO2006SE00041 20060111

Family:

Publication number	Publication date	Application number	Application date
WO07081244 A1	20070719	WO2006SE00041	20060111

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SAARVAELI EVA LI ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SAARVAELI EVA LI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 (Advanced/Invention); A47K10/00 (Core/Invention)

CPC: A47K10/16

European class: A47K10/16

Classification Explorer

Cited documents: US6548136 BA, US5753331 A, US4238541 A,

0) US4762738A – MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND ...

55) Family number: 11075148 (US4762738A) © PatBase

Title: MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND OSTOMY POUCHES PARTICULARLY SUITED FOR SUCH DISPOSAL

Priority: AU19870081247 19871116 CA19870553100 19871130 NZ19870222532 19871112 JP19870326638 19871222 EP19870310534 19871130 US19860944891 19861222 US19880256355 19881011 US19880161077 19880226

Family:

Publication number	Publication date	Application number	Application date
AT144121 E	19961115	AT19870310534T	19871130
AT216571 E	20020515	AT19870200537T	19871130
AU198781247 A1	19880623	AU19870081247	19871116
AU199169299 A1	19910328	AU19910069299	19910111
AU611654 B2	19910620	AU19870081247	19871116
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DE3751925 D1	19961121	DE19873751925	19871130
DE3751925 T2	19970403	DE19873751925T	19871130
DE3752353 D1	20020529	DE19873752353	19871130
DE3752353 T2	20021010	DE19873752353T	19871130
DK174093 B1	20020610	DK19870006759	19871221
DK675987 A	19880623	DK19870006759	19871221
DK675987 A0	19871221	DK19870006759	19871221
EP0272816 A2	19880629	EP19870310534	19871130
EP0272816 A3	19920527	EP19870310534	19871130
EP0272816 B1	19961016	EP19870310534	19871130
EP0726068 A2	19960814	EP19960200537	19871130
EP0726068 A3	20000329	EP19960200537	19871130
EP0726068 B1	20020424	EP19960200537	19871130
ES2092465 T3	19961201	ES19870310534T	19871130
GR3022271 T3	19970430	GR19970400042T	19970114
IE77631 B	19971231	IE19870003283	19871203
IE873283 L	19880622	IE19870003283	19871203
IE960925 L	19880622	IE19960000925	19871203
JP2602862 B2	19970423	JP19870326638	19871222
JP2708401 B2	19980204	JP19960212355	19960812
JP63181758 A2	19880726	JP19870326638	19871222
JP9108255 A2	19970428	JP19960212355	19960812
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NO165705 C	19910327	NO19870005366	19871221
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NO875366 A0	19871221	NO19870005366	19871221
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NZ235713 A	19920428	NZ19870235713	19871112
US4762738 A	19880809	US19860944891	19861222
US4830187 A	19890516	US19880161077	19880226
US4930942 A	19900605	US19880256355	19881011
ZA8708481 A	19880509	ZA19870008481	19871111

Probable Assignee: SQUIBB AND SONS INC

Assignee(s):(std)**:** SONS INC ; SQUIBB AND SONS INC ; SQUIBB BRISTOL MYERS CO ; BRISTOL MYERS SQUIBB CO

Assignee(s): E R SQUIBB AND SONS INC ; E R SQUIBB AND SONS INC PRINCETON N J US ; E R SQUIBB AND SONS L L C ; ARONOFF MARVIN S ; ER SQUIBB AND SONS INC ; SQUIBB E R AND SONS INC ; SQUIBB AND SONS INC E R ; KEYES DENIS E ; ER SQUIBB AND SONS LLC ; NOEL RUANE ; SQUIBB ER AND SONS INC

Inventor(s):(std)**:** ARNOFF MARVIN S ; ARONOFF MARVIN S ; DENIS E KEYES ; DENISU II KIIZU ; KEYES DENIS E ; MAABIN ESU ARONOFU ; MARVIN S ARONOFF

Inventor(s): NAME NOT GIVEN ; MARVIN S ARNOFF

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): A61F13/15 A61F5/44 A61F5/445 B09B1/00 (Advanced/Invention); A61F5/44 B09B1/00 (Advanced/Non–invention); A61F13/15 A61F5/44 A61F5/445 (Core/Invention); A61F5/44 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/16 A61F13/18 A61F5/44 A61F5/445 A61L11/00 B09B1/00 B09B5/00 B32B7/02 B65D85/16 B65G53/00

CPC:

Y10T428/1307 Y10T428/1362 A61F13/47 A61F5/445 A61F13/15211 A61F13/551 A61F2005/4402 A61F2013/15048

European class: A61F13/15J2 A61F13/47 A61F13/551 A61F5/445 K61F13/15A11 K61F13/15J2 K61F5/445C K61F5/44D

US class: 206/524.7 252/90 383/1 406/49 428/34.3 428/36 428/36.1 604/332

Classification Explorer

Cited documents: WO8001374 A1, US4762738 A, US4762454 A, US4692494 A, US4620999 A, US4551490 A, US4503098 A, US4490145 A, US4460363 A, US4387712 A, US4372311 A, US4333464 A, US4316824 A, US4261066 A, US4240769 A, US4186233 A, US4136798 A, US4133779 A, US4062451 A, US4035540 A, US3951893 A, US3886112 A, US3881210 A, US3808165 A, US3793233 A, US3790067 A, US3762454 A, US3707430 A, US3705659 A, US3692725 A, US3661695 A, US3654929 A, US3561447 A, US3339546 A, US3198740 A, US3186869 A, US3089493 A, US2850471 A, JP50082597 U1, JP50082597 U, GB2201372 A1, GB2195919 A1, GB2193925 A1, GB2185404 A1, GB2122099 A1, GB2122090 A1, GB2083762 A1, GB1312370 A, GB1271424 A, FR2524306 A1, EP0273611 A1, EP0226439 A1, EP0142950 A2, EP0064044 A1, EP0010171 A1, DE1949214 A1, CH403217 A, AU6929991 A1, AU1290483 A1,

0) US2003097105A – CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BA...

56) Family number: 28292918 (US2003097105A) © PatBase

Title: CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BARRIER AND CENTRAL RISING MEMBER

Priority: US19990411259 19991001 US20020290905 20021108 WO2000US26031 20000922

Family:

Publication number	Publication date	Application number	Application date
AU200076050 A1	20010510	AU20000076050	20000922
AU200076050 A5	20010510	AU20000076050D	20000922
BRPI0014437 A	20021022	BR2000PI14437	20000922
CL2000002222 A1	20010629	CL20000002222	20000818
CN1198551 C	20050427	CN20008016579	20000922
CN1402627 A	20030312	CN20008016579	20000922
DE10085076 T	20021121	DE20001085076T	20000922
DE10085076 T1	20021121	DE20001085076T	20000922
EG22836 A	20030930	EG20000001133	20000905
GB200209627 A0	20020605	GB20020009627	20000922
GB2370786 A1	20020710	GB20020009627	20000922
GB2370786 B2	20040609	GB20020009627	20000922
KR20020074144 A	20020928	KR20027004188	20000922
MXPA02002520 A1	20020730	MX2002PA02520	20000922
TH47093 A	20010911	TH20001003204	20000823
TW574910 Y	20040201	TW20030208075U	20000930
US2003097105 AA	20030522	US20020290905	20021108
US6492574 BA	20021210	US19990411259	19991001
US6677498 BB	20040113	US20020290905	20021108
WO0124755 A1	20010412	WO2000US26031	20000922

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s):

KIMBERLY CLARK WORLDWIDE INC ; LINDSAY JEFFREY DEAN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; DIPALMA JOSEPH

Inventor(s):(std)**:** DIPALMA J ; DIPALMA JOSEPH ; FUNG JOU CHEN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; JULIE MARIE BEDNARZ ; LINDSAY J D ; LINDSAY JEFFREY DEAN ; LINDSAY JEFFREY D

Inventor(s): BEDNARZ JULIE ; LINDSAY JEFFREY ; J D LINDSAY ; J DIPALMA ; JD LINDSAY ; JEFFREY DEAN LINDSAY ; JOSEPH DIPALMA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/472 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A61F13/15 (Core/Invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/20 A61F13/47 A61F13/472

CPC: Y10S977/712 Y10S977/841 Y10S977/961 A61F13/47218 A61F13/4702 A61F13/4704 A61F13/47227 A61F13/4755 A61F13/534 A61F13/53704 A61F13/53717 A61F13/53743 A61F2013/4581 A61F2013/53782

European class: A61F13/472B A61F13/472B1 A61F13/475A2 A61F13/534 A61F13/537A A61F13/537B4 A61F13/537C K61F13/45C4B K61F13/47A K61F13/47B K61F13/537E4

US class: 604/378 604/378P 604/385.01 604/385.12 604/385.120S 604/385.17 604/385.170S 977/712 977/712S 977/841 977/961

Classification Explorer

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BENSON DOUGLAS HERRIN ; PROCTER AND GAMBLE ; P AND G CO ; CURRO JOHN JOSEPH ; STRUBE JOHN BRIAN

Assignee(s): SPENCER ANTHONY STEPHEN ; PROCTER AND GAMBLE CO CINCINNATI ; MANSFIELD MICHELE ANN ; KAMINISKI ANNEKE MARGARET ; DYE DEBORAH RUTH ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; PROCTTER AND GAMBLE CO ; DUGAS MICHAEL BERNARD ; PROCTER AND GAMBLE CO ; CURRO JOHN J ; ALWATTARI ALI ABDELAZIZ ; BENSON DOUGLAS H

Inventor(s):(std)**:** BRIAN CURRO JOHN JOSEPH BENSON ; BRIAN STRUBE JOHN ; CURRO J J ; CURRO JOHN ; CURRO JOHN JOSEPH ; DUGAS MICHAEL BERNARD ; DUGAS RONALD JOSEPH ZINK MICHA ; DYE D R ; DYE DEBORAH RUTH ; HERRIN BENSON DOUGLAS ; BENSON D H ; BENSON DOUGLAS ; BENSON DOUGLAS HERRIN ; DOUGLAS HERRIN BENSON ; JOSEPH CURRO JOHN ; KAMINISKI ANNEKA MARGARET ; MARGARET KAMINISKI ANNEKE ; MICHAEL BERNARD DUGAS ; OYE D R ; STRUBE JOHN ; STRUBE JOHN BRAIN ; STRUBE JOHN BRIAN ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; STAHL EDWARD KENNETH ; ROBERSON CHARLES DETWILER ; PECK DANIEL CHARLES ; FERESHTEHKHOU SAEED ; DUGAS MICHAEL B ; MANSFIELD CURRO JOHN JOSEPH AL ; MANSFIELD MICHELLE ANN ; ZINGELMANN JESSICA ; ZINK RONALD J II ; CURRO JOHN J ; BROWN JESSICA ZINGELMANN ; BENSON DOUGLAS H ; BALDWIN JR ALFRED FRANK ; SPENCER ANTHONY STEPHEN ; MANSFIELD MICHELE ANN ; KOEHLER DEBORAH ADAMO ; KAMINISKI ANNEKE MARGARET ; JONES WALTER GOMER ; GILLETTE SAMUEL MARK ; BALDWIN ALFRED FRANK ; ANN MANSFIELD MICHELE ; ALWATTARI ALI ABDELAZIZ ; ABDELAZIZ ALWATTARI ALI

Inventor(s): ZINK RONALD ; STRUBE JOHN BRIAN HAMILTON ; DUGAS MICHAEL ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE JOHN BRIAN ; BALDWIN JR ALFRED FRANC ; ZINK RONALD JII ; MANSFIELD MICHELLE ANN CINCINNATI ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ... ; STRUBE JOHN BRIAN OKEANA ; RONALD JOSEPH ZINK ; RONALD JOSEPH ZINK MICHAEL BERNARD DUGAS ; SPENCER ANTHONY STEPHEN WOODSTOCK ; KAMINISKI ANNEKA MARGARET CINCINNATI ; DR DYE ; DR OYE ; BENSON DOUGLAS HERRIN WEST HARRISON ; J J CURRO ; JJ CURRO ; JOHN BRAIN STRUBE ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ BENSON DOUGLAS HERRIN KAMINISKI ANNEKE MARGARET MANSFIELDMICHELE ANN STRUBE JOHN BRIAN ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE ; CURRO JOHN JOSEPH CINCINNATI ; D H BENSON ; D R DYE ; D R OYE ; DEBORAH RUTH DYE ; DH BENSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

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0) US2013071678A – TISSUE PRODUCT COMPRISING BAMBOO

58) Family number: 53273634 (US2013071678A) © PatBase

Title: TISSUE PRODUCT COMPRISING BAMBOO

Priority:

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Family:

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Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; SHANNON THOMAS GERARD

Inventor(s):(std)**:** SHANNON THOMAS GERARD ; THOMAS GERARD SHANNON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9)**:** B32B21/06 B32B23/04 B32B29/02 B32B5/02 B32B5/26 D21H11/00 D21H11/04 D21H11/12 D21H17/02 D21H19/80 D21H21/18 D21H27/00 D21H27/30 D21H27/38 D21H27/42 (Advanced/Invention); D21H25/04 (Advanced/Non–invention)

CPC: D21H27/38 D21H11/12 D21H27/002 B32B5/022 B32B5/26 B32B2262/065 B32B2262/067 B32B2555/00 B32B2555/02 D21H25/04 D21H27/30 Y10T428/31971 Y10T428/31975 Y10T428/31978 Y10T428/31982 Y10T428/31986 D21H11/04

US class: 1/1 162/100 162/123 162/129 162/141 162/148 428/532 428/533 428/534 428/535 428/536

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0) US2008038504A – APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABO...

59) Family number: 32662356 (US2008038504A) © PatBase

Title: APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABORBING MATERIAL AND ABSORBENT ARTICLE

Priority:

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Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; DIAO PAPER CORP ; EBITSUKA KEISUKE ; MANABE SADANAO ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; MAEDA TOSHIKAZU ; YANO HIROYUKI ; KUBO TAIRA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU ; KAMOTO TOMOKA ; TAKEUCHI TOMONARI ; KONAWA SATOKO

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):(std)**:** EBIZUKA KEISUKE ; TAKEUCHI TORANARI ; TOMOKA KAMOTO ; TOMOTSUGU TAKEUCHI TOMONARI EL ; TOMOTSUGU TAKEUCHI TOMONARİ KO ; TAIR MANABE SADANAO HANAO HIRO ; KAO HIROYUKI ; KAMOTO TOMOTAKA ; HIROYUKI KAMOTO TOMOKA KUBO TA ; HIROYUKI HANAO HIROYUKI KUBO T ; HANAO HIROYUKI KUBO TAIRA MIYA ; FUKAE KOUREI ; YOSHIHARU MIYASHITA ; TAKESHI FURUDOI ; SATOKO KONAWA ; SADANAO MANABE ; MIYASHITA Y ; TOMONARI TAKEUCHİ ; TAKEUCHI TOMONARI ELLEAIR ; KONAWA SATOKO ELLEAIR ; KEISUKE EBITSUKA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU DAIO ; MATSUI TOMOTSUGU ; MANABE SADANAO ; MAEDA TOSHIKAZU ; KUBO TAIRA ; KAMOTO TOMOKA ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; TOSHIKAZU MAEDA ; TOMOTSUGU MATSUI ; ELLEAIR TAKEUCHI TOMONARI ; ELLEAIR KONAWA SATOKO ; YANO HIROYUKI ; KONAWA SATOKO ; JP FURUDOI TAKESHI ; HIROYUKI YANO ; HIROYUKI HANAO ; FURODOI TAKESHI ; EBITSUKA KEISUKE ; AKINORI FUKAE ; TAKEUCHI TOMONARI ; TAIRA KUBO

Inventor(s): MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI... ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD ; FURUDOI TAKESHI JP ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA... ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO... ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; TAKEUCHI TOMONARI D ; MATSUI TOMOTSUGU TD ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI DAIO PAPER

CONVERTING CO LTD ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU MATS ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y MATSUI TOMOT ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO ELLEAIR MA ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA KEISUKE M ; YANO HIROYUKI DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI C O DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU MATSU ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI TOCHIGI ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD EHIME ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; KUBO TAIRAC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU C O DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZUC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI FUKA ; MANABE SADANAO C O DAIO PAPER CONVERTING CO LTD ; MANABE SADANAOC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU C O DAIO PAPER CONVERTING COLTD ; MATSUI TOMOTSUGUC O DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU C O DAIO PAPER CONVERTCOLTD ; MIYASHITA YOSHIHARUC O DAIO PAPER CONVERTCOLTD SHIKOKUCHUO SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/538 A61F13/539 A61F5/44 A61L15/60 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/24 B44C3/08 D04H1/54 D04H1/559 D04H1/70 D06C23/04 (Advanced/Invention);
A61F13/15 A61F5/44 A61L15/16 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/22 B44C3/00 D04H1/54 D06C23/00 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F13/539 A61F5/44 A61L15/60 B32B5/24 D04H1/54 D06C23/04

CPC: A61F13/534 A61F2013/4958 A61F13/53747 B32B5/022 B32B5/142 B32B5/145 B32B5/245 B32B5/26 B32B27/12 B32B27/32 B32B29/02 B32B2260/021 B32B2260/046 B32B2262/04 B32B2262/062 B32B2264/0214 B32B2307/726 B32B2307/728 B32B2555/02 A61F13/511 A61F13/51104 A61F13/5116 A61F2013/51178 Y10T428/24479 Y10T156/1343 Y10T156/1798 Y10T428/233 Y10T428/23 Y10T156/1039 A61F13/537 A61F13/15203 A61F2013/5307 A61L15/60 A61F13/53 Y10T442/699 A61F2013/530518 A61F2013/530547 A61F2013/530598 A61F2013/530708 A61F2013/530715 A61F2013/530729 A61F2013/530737

European class: A61F13/15J A61F13/511 A61F13/53 A61F13/534 A61F13/537 A61F13/537C2 A61L15/60 B32B27/12 B32B27/32 B32B29/02 B32B5/00 B32B5/02A B32B5/14A B32B5/14B B32B5/24A B32B5/26 K61F13/495E K61F13/53Q2A K61F13/53Q2E K61F13/53Q4A1 K61F13/53Q6 K61F13/53Q8 K61F13/53Q8A K61F13/53Q8A2 K61F13/53Q8B

US class: 156/219 156/219S 156/349 156/349S 156/497 156/522 156/578 428/156 428/156P 428/68 428/68P 428/71 428/71P 442/417 442/417S 604/358 604/367 604/375 604/375P 604/378 604/378S 604/384 604/385.01 604/385.010S 604/385.101 604/385.101S 604/385.23 604/385.230S

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0) US2002189773A – CREPING BLADE, CREPED PAPER, AND METHOD OF MANU...

60) Family number: 30131288 (US2002189773A) © PatBase

Title: Creping blade, creped paper, and method of manufacturing paper

Priority:

CA20012341990	20010326	US19940320711	19941011	US19970816363	19970313
US19970816606	19970313	US19940359318	19941216	US19950532120	19950922
US19970816607	19970313	US19970816710	19970313	US19970816919	19970313
US20020283251	20021030	US20020099998	20020319	US20000500523	20000209
US20000540267	20000331				

Family:

Publication number	Publication date	Application number	Application date
CA2341990 AA	20010930	CA20012341990	20010326
DE69527758 D1	20020919	DE19956027758	19951009
DE69527758 T2	20030515	DE19956027758T	19951009
EP0707945 A2	19960424	EP19950307132	19951009
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FI954824 A0	19951010	FI19950004824	19951010
TR9501238 A2	19960621	TR19950001238	19951011
TR960298 A	19960621	TR19950001238	19951011
TR960298 A2	19960621	TR19950001238	19951011
US2002189773 AA	20021219	US20020099998	20020319
US2003131959 AA	20030717	US20020283251	20021030
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US5685954 A	19971111	US19940320711	19941011
US5690788 A	19971125	US19940359318	19941216
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US5885416 A	19990323	US19970816607	19970313
US5885417 A	19990323	US19970816710	19970313
US5908533 A	19990601	US19970816919	19970313
US6096168 A	20000801	US19970816606	19970313
US6425983 BA	20020730	US20000540267	20000331
US6451166 BA	20020917	US20000500523	20000209
US6540879 BB	20030401	US20020099998	20020319
US6709548 BB	20040323	US20020283251	20021030

Probable Assignee: FORT JAMES CORP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; JAMES RIVER CORP ; FORT JAMES CORP

Assignee(s): GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; AWOFESO ANTHONY O ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; JAMES RIVER OF VIRGINIA CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; JAMES RIVER CORP OF VIRGINIA ; GEORGIA PACIFIC CORP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; KERSHAW THOMAS N ; MARINACK ROBERT J ; HARPER FRANK D

Inventor(s):(std)**:** ANTHONY O AWOFESO ; AWOFESO ANTHONY O ; FRANK D HARPER ; HARPER FRANK D ; KERSHAW THOMAS N ; MARINACK ROBERT J ; ROBERT J MARINACK ; THOMAS N KERSHAW

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): B31F1/12 B31F1/14 D21F11/14 D21G3/00 D21G3/04 D21H25/00 D21H27/00 D21H27/40 (Advanced/Invention) ; B31F1/00 D21F11/00 D21G3/00 D21H25/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): B31F1/07 B31F1/12 B31F1/14 D21G3/00 D21G3/04 D21H1/14 D21H25/00 D21H25/10 D21H25/18 D21H27/00 D21H27/40 D21H3/04

CPC: D21F11/145 B31F1/126 B31F1/145 D21F11/14 D21G3/005 D21H25/005 D21H27/40 Y10T428/24455 Y10T428/24463

European class: B31F1/12F B31F1/14B D21F11/14 D21F11/14B D21G3/00B D21H25/00B D21H27/40

US class: 118/413 118/413S 15/256.51 15/256.510S 162/100 162/111 162/111S 162/112 162/113 162/113S 162/117 162/117S 162/123 162/123S 162/141 162/149 162/204 162/204S 162/280 162/280S 162/281 162/281S 162/282 162/4 162/4S 264/282 264/283 428/153 428/154

Classification Explorer

Cited documents: US6096168 A, US6074526 A, US6066234 A, US6027614 A, US5908533 A, US5885417 A, US5885416 A, US5885415 A, US5690788 A, US5685954 A, US5656134 A, US5409572 A, US5383778 A, US5164045 A, US4720383 A, US4488932 A, US4396502

A, US4304625 A, US4192709 A, US4185399 A, US3507745 A, US3507742 A, US3301746 A, US3300368 A, US3163575 A, US3044228 A, US2995180 A, US2874618 A, US2494723 A, US1706166 A, US1702166 A, US1653434 A, US1588732 A, US1582842 A, US1571593 A, US1548784 A, US1548783 A, IT615517 A, GB827735 A, GB456032 A, GB389832 A, GB327735 A, FR2431568 A2, FR2361222 A1, AT332894 B, AT332894,

0) WO06002524A1 – A BOX, BLANK AND ASSEMBLY FOR FORMING A BOX, AN...

61) Family number: 32557406 (WO06002524A1) © PatBase

Title: A BOX, BLANK AND ASSEMBLY FOR FORMING A BOX, AN ADJUSTABLE PANEL AND ARTICLES FORMED THEREFROM

Priority: US20040584157P 20040701 US20050645143P 20050121

Family:

Publication number	Publication date	Application number	Application date
WO06002524 A1	20060112	WO2005CA00997	20050630

Probable Assignee: 3EPACK INC

Assignee(s):(std)**:** 3EPACK INC ; ERSKINE EMANUEL

Inventor(s):(std)**:** ERSKINE EMANUEL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 1–7)**:** B65D25/00 B65D27/16 B65D5/18 B65D5/355 B65D5/42 B65D55/00 B65D81/03

CPC: B65D5/0005 B65D5/2019 B65D5/2023 B65D5/2057 B65D5/241 B65D5/302 B65D5/425 B65D5/5213

European class: B65D5/00A B65D5/20C1 B65D5/20C1A B65D5/20E1 B65D5/24A B65D5/30B1 B65D5/42E3 B65D5/52D

Classification Explorer

Cited documents: US6676009 BA, US646638 A, US6138901 A, US3727827 A, US3598303 A, US3114492 A, US1125535 A, JP2002104384 A2, GB2221896 A1, CA2276168 AA,

0) US2001027592A – CASKET LID AND METHOD OF MAKING SAME

62) Family number: 28100369 (US2001027592A) © PatBase

Title: CASKET LID AND METHOD OF MAKING SAME

Priority:

AU19990058147 19990908	AU20040200835 20040302	AU20060235827 20061102
AU20040200835 20040302	AU20060235827 20061102	CA20032421016 20030306
US20070697891 20070409	US20040827227 20040419	US20020261406 20021001
US20020093288 20020307	US20010878743 20010611	US20030337104 20030106
US19990457163 19991208	US19980153626 19980915	WO1999US20532 19990908

Family:

Publication number	Publication date	Application number	Application date
AT264092 E	20040415	AT19990945571T	19990908
AU199958147 A1	20000403	AU19990058147	19990908
AU199958147 A5	20000403	AU19990058147	19990908
AU2004200835 AA	20040325	AU20040200835	20040302
AU2006235827 AA	20061123	AU20060235827	20061102
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AU768070 B2	20031204	AU19990058147	19990908
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CA2421016 AA	20030907	CA20032421016	20030306
CA2421016 C	20101102	CA20032421016	20030306
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DE69916470 T2	20050519	DE19996016470T	19990908
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US2004244163 AA	20041209	US20040827227	20040419
US2007220720 AA	20070927	US20070697891	20070409
US6243931 BA	20010612	US19980153626	19980915
US6503429 BA	20030107	US19990457163	19991208
US6849141 BB	20050201	US20020261406	20021001
US6922877 BB	20050802	US20010878743	20010611
US7147811 BB	20061212	US20030337104	20030106
US7247264 BB	20070724	US20040827227	20040419
WO0015171 A1	20000323	WO1999US20532	19990908

Probable Assignee: BATESVILLE SERV INC

Assignee(s):(std)**:** BATESVILLE SERV INC ; BATESVILLE SERVICES INC

Assignee(s): BUCHLER KEVIN R ; HANKEL BRYAN M ; DENNIS TODD K ; CUNNINGHAM GARY R ; LINVILLE JOHN E ; REUSS ROGER L ; SAAF PATRICK M ; MAIER DONALD R ; MOSTER VINCENT MARK ; MAUCH STEPHANIE E ; BATESVILLE CASKET CO INC

Inventor(s):(std)**:** BUCHLER KEVIN R ; CUNNINGHAM GARY R ; HANKEL BRYAN M ; JOHN E LINVILLE ; LINVILLE E ; DENNIS TODD K ; DONALD R MAIER ; LINVILLE JOHN E ; MAIER DONALD R ; MAIER R ; MAUCH STEPHANIE E ; MOSTER VINCENT M ; MOSTER VINCENT MARK ; PATRICK M SAAF ; R USS ROGER L ; REUSS ROGER L ; SAAF M ; SAAF PATRICK M

Inventor(s): BUCHLER KEVIN ; SAAF PATRICK ; REUSS ROGER ; MOSTER VINCENT ; MAUCH STEPHANIE ; MAIER DONALD ; HANKEL BRYAN ; LINVILLE JOHN ; DENNIS TODD ; CUNNINGHAM GARY

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61G17/00 A61G17/007 A61G17/02 B27M3/34 B27N5/00 B29C43/18 B44F9/02 (Advanced/Invention); A61G17/007 A61G17/02 (Advanced/Non–invention); A61G17/00 B27M3/34 (Core/Invention)

International class (IPC 1–7): A61G17/00 A61G17/02 B27M3/34 B27N5/00 B29C43/02 B29C43/18

CPC: Y10T156/10 A61G17/02 A61G17/007 A61G17/0073 B27N5/00 A61G17/00

European class: A61G17/00 B27N5/00 K61G17/007C K61G17/02

US class: 156/6 156/60 156/60S 156/62.2 264/109 264/109S 264/112 264/112S 264/119 264/119S 264/319 264/319P 27/14 27/14P 27/16

Classification Explorer

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0) US2007199123A – BIB WITH ADHESIVE STRIP

63) Family number: 35851814 (US2007199123A) © PatBase

Title: BIB WITH ADHESIVE STRIP

Priority:

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Family:

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Probable Assignee: ECLIPSE HOME DECOR LLC

Assignee(s):(std)**:** CHASAN MICHAEL B ; FRIEDLAND FRANK ; NAPKLEEN EUROP LTD ; NAPKLEEN LLC ; NAPKLEEN LLC GB

Assignee(s): NAPKLEEN LLC3151 CLINT MOORE ROAD#205BOCA RATONFL33496US ; NAPKLEEN EUROPE LTD ; NAPKLEEN EUROPE LIMITED ; ECLIPSE HOME DECOR LLC

Inventor(s):(std)**:** FRANK FRIEDLAND ; FRIEDLAND FRANK ; CHASAN MICHAEL B ; CHASAN MICHAEL

Inventor(s): CHASAN MICHAEL B BOCA RATON ; CHASAN MICHAEL BUS ; FRIEDLAND FRANK BOCA RATON ; FRIEDLAND FRANKUS ; MICHAEL B CHASAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B A41B13/00 A41B13/10 A41D13/04 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/04 C08J3/24 C08K5/14 C08K7/16 C08K7/28 C08L67/06 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Advanced/Invention);
A41B13/10 A44B18/00 C12N1/15 C12N1/21 C12N5/10 (Advanced/Non–invention);
A41B13/00 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/00 C08J3/24 C08K5/00 C08K7/00 C08L67/00 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Core/Invention);
C12N1/15 C12N1/21 C12N5/10 (Core/Non–invention);
A41B (Subclass/Invention)

CPC: A41B2400/34 Y10T156/1023 Y10T156/1084 B32B37/203 A41B13/103 A41B2400/52 A47G11/002 B32B37/1292 B32B38/0004 B32B2317/12 B32B2323/04 B32B2459/00

European class: A41B13/10 A41B13/10B A47G11/00N2 B32B37/12D2 B32B37/20A K41B400/34 K41B400/52 L32B317/12 L32B323/04 L32B38/00A L32B459/00

US class: 156/209 156/269 2/49.1 2/49.2 2/49.4 2/491 2/494 2/52

Classification Explorer

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0) US2010230857A – PROCESS FOR MAKING AN EMBOSSED WEB

64) Family number: 46842448 (US2010230857A)

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Title: PROCESS FOR MAKING AN EMBOSSED WEB

Priority:

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ZA201105988 A	20130130	ZA20110005988	20110816
ZA201106188 A	20130130	ZA20110006188	20110823

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; PROCTER AND GAMBLE ; GROSS SARAH BETH ; MUHS KEVIN GERARD ; HAMMONS JOHN LEE ; ORR JILL MARLENE ; LAKE KIRK WALLACE ; MULLANE TIMOTHY IAN ; YOUNG ROGER DALE ; STONE KEITH JOSEPH ; VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; VAN VALKENBURG CURTIS HUNTER ; STRUBE JOHN BRIAN ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH

Assignee(s): DZE PROKTER EHND GEHMBL KOMPANI ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE COWORLD SHAVING HEADQUARTERSIP/LEGAL PATENT DEPARTMENT – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE COWORLD SHAVING H.Q.IP/LEGAL PATENT DEPT. – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; GROSS SARA BETH ; DALE YOUNG ROGER ; YOUNG ROGER DAYLE ; VANVALKENBURGH CURTIS HUNTER ; VALKENBURGH CURTIS HUNTER VAN ; MULLANE TIMOTHY IAN ; LAKE KIRK WALLACE ; YOUNG ROGER DALE ; TIMOTHY IAN MULLANE ; STONE KEITH JOSEPH ; KIRK WALLACE LAKE ; JOHN LEE HAMMONS ; JOHN JOSEPH CURRO ; JOHN BRIAN STRUBE ; JILL MARLENE ORR ; HUNTER VALKENBURGH CURTIS VAN ; GEORGE COE RICHARD ; FRANCIS GRAY BRIAN ; EOUNG ROGER D ; BETH GROSS SARAH ; VAN VALKENBURG CURTIS HUNTER ; COE RICHARD GEORGE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; GROSS SARAH BETH ; JOSEPH STONE KEITH ; MUHS KEVIN GERARD ; KEITH JOSEPH STONE ; STRUBE JOHN BRIAN ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; CURRO JOHN JOSEPH ; GERARD MUHS KEVIN

Inventor(s): STONE KEITH JOSEPH YOUNG ROGER DALE ; STONE KELTH JOSEPH ; STONE KELTH JOSEPH YOUNG ROGER D ; VAN VALKENBURGH CURTIS ; ROGER DALE YOUNG ; SARAH BETH GROSS ; ROGER DAYLE YOUNG ; ROGER D YOUNG ; RICHARD GEORGE COE ; KEVIN GERARD MUHS ; GARY WAYNE GILBERTSON ; CURTIS HUNTER VAN VALKENBURGH ; BRIAN FRANCIS GRAY ; YOUNG ROGER DALEUS ; STONE KEITH JOSEPHUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE

GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9):

A47L13/16 A61C13/01 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/551 B26F1/24 B26F1/26 B28B11/08 B29C B29C43/24 B29C43/56 B29C55/18 B29C59/00 B29C59/02 B29C59/04 B29C63/02 B29C65/00 B29C65/18 B29C65/56 B29C65/66 B29C65/76 B29D7/01 B31B B31B39/14 B31F1/07 B32B B32B1/00 B32B27/06 B32B27/08 B32B27/12 B32B27/20 B32B27/32 B32B3/00 B32B3/10 B32B3/24 B32B3/26 B32B3/28 B32B3/30 B32B37/06 B32B38/06 B32B5/02 B32B5/06 B32B5/16 B32B5/24 B32B5/26 B32B7/00 B32B7/02 B32B7/04 B32B7/06 B32B7/08 B44C1/24 B44F1/08 B65B51/04 B65D30/02 B65D75/00 B65D75/04 B65F1/00 C08J5/18 D04H1/44 D04H1/72 D04H1/732 D04H1/76 D04H11/00 D04H11/08 D04H13/00 D04H3/07 D06C23/04 D06C3/00 D06C3/06 D21H27/02 D21H27/38 G02B5/30 (Advanced/Invention);
A61F13/15 A61F13/538 B29C59/04 B29C59/06 B29C65/70 B29C65/72 B29L31/48 B29L9/00 B32B27/32 B32B37/00 B32B37/10 B32B37/30 B32B38/12 B65D85/00 (Advanced/Non–invention);
A61F13/15 B26F1/00 B28B11/08 B29C43/32 B29C55/18 B29C59/02 B29C59/04 B29C63/02 B29C65/56 B31B39/00 B32B1/00 B32B27/32 B32B3/00 B32B3/10 B32B3/28 B32B3/30 (Core/Invention);
B29C B31B B32B (Subclass/Invention)

International class (IPC 1–7):

B32B3/28

CPC:

B29D7/01 B32B3/263 B29C43/24 B29C66/91221 A61F2013/5386 D04H3/07 D04H11/08 B29C66/9392 B32B9/28 B29C66/91431 B29C66/91218 B29C66/9141 Y10T428/1334 Y10T428/24628 Y10T428/24901 B29C66/934 A61F13/15731 B29C65/18 B29C66/71 B29C66/81435 B29C66/83511 B29C66/83513 B29C66/91421 B29L2009/00 B29L2031/4878 B31F1/07 B32B3/30 B32B2307/726 B32B2307/728 B32B2432/00 B32B2439/00 B32B2555/00 B29C66/939 B29C66/949 B44C1/24 B29C66/73152 A61F13/51104 A61F13/5121 B26F1/24 B29C55/18 B29C66/7294 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83415 B31F2201/0712 B32B5/022 B32B5/06 B32B7/045 B32B7/08 B32B37/0084 B32B2037/1072 B65D75/00 B65D85/00 B29K2023/06 B29K2023/12 B29C65/70 B29C65/72 B29C65/76 B32B7/04 B29C59/022 B29C59/04 B29C59/06 B29C66/21 B29C66/45 B29C66/729 B29C66/81264 B29C66/81423 B29C66/81433 B29C66/83413 B29C66/9121 B29C66/91216 B29C66/91411 B29C66/9161 B29C66/919 B29C66/91935 B29K2995/007 B29K2995/0089 B31F2201/0733 B31F2201/0738 B32B3/266 B32B7/02 B32B27/20 B32B38/06 B32B38/12 B32B2037/0092 B32B2323/04 B32B2323/10 Y10T428/24479 B29C66/81241 B29C66/727 B29C66/43 Y10T428/24612 B29C65/7894 B29C65/7891 B29C66/8322 Y10T428/24975 B32B5/18 B32B5/22 B32B5/24 B32B5/26 B32B9/02 B32B9/04 B32B15/04 B32B15/20 B32B23/04 B32B27/18 B32B27/22 B32B27/306 B32B27/308 B32B27/32 B32B27/322 B32B27/34 B32B27/36 B32B2262/02 B32B2262/0253 B32B2262/062 B32B2262/14 B32B2270/00 B32B2307/10 B32B2307/30 B32B2307/4026 B32B2307/50 B32B2307/546 B32B2307/72 B32B2553/00 B32B23/00 B32B27/302 B32B2262/04 B32B2307/51 B32B2439/06 B32B2439/46 B32B2439/70 B32B2457/00 B32B5/08 B32B29/002 B32B2264/10 B32B2307/514 B32B2307/54 B32B2581/00 D21H27/02 Y10T428/24273 Y10T428/24281 Y10T428/24636 B29C66/73343 A61F13/15739 D21H27/38 Y10T156/1039 Y10T428/24289 Y10T428/24496 Y10T428/24521 Y10T428/24545 D04H1/76 A61F13/15707 B29C59/046 B29L2009/001 B29C59/043 B32B2264/102 B32B2264/104 B32B2264/108 B32B2307/718 B32B2307/732 B32B15/043 B32B15/18 B32B27/288 B32B27/38 B32B2307/536 B32B2307/554 B32B2307/558 B32B27/06 B26F1/26 B29C65/56 B32B3/28 B32B27/08 B29C66/723 B29C66/72328 B29C66/72343 B32B27/12 B29C66/1122 B29C59/02

European class:

A61F13/15M6 A61F13/15M6C A61F13/15M6D A61F13/511A A61F13/512A B26F1/24 B26F1/26 B29C55/18 B29C59/02C B29C65/18 B29C65/56 B29C66/21 B29C66/45 B29C66/7294 B29C66/81433 B29C66/81435 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83413 B29C66/83415 B29C66/83511 B29C66/83513 B31F1/07 B32B27/12 B32B27/20 B32B3/26B B32B3/28 B32B3/30 B32B38/06 B32B5/02A B32B5/06 B32B7/02 B32B7/04A B32B7/08 B44C1/24 L26F1/24 L29C59/02C L29C59/04 L29C59/06 L29C66/71 L29C66/82661 L29C66/83513 L29C66/919 L29C66/91935 L29C66/939 L29C66/949 L29L31/48E2 L29L9/00 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L32B323/04 L32B323/10 L32B37/00D2 L32B37/00E L32B37/10G L32B38/12

US class:

1/1 156/219 156/219S 162/133 206/524.6 206/524.600S 264/154 264/155 264/156 264/175 264/175S 264/273 264/284 264/284P 264/285 264/286 264/293 264/293P 264/503 264/504 264/504P 264/508 264/509 264/555 264/570 383/105 383/105S 428/131 428/131S 428/132 428/132S 428/133 428/133P 428/138 428/156 428/156P

428/156S 428/158 428/158S 428/161 428/161S 428/164 428/164S 428/172 428/172P 428/174 428/174S 428/175 428/175S 428/207 428/216 428/35.2 428/85 428/85P

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0) US2003132549A – METHOD AND APPARATUS FOR WEAKENING A PORTION OF...

65) Family number: 28828693 (US2003132549A) © PatBase

Title: METHOD AND APPARATUS FOR WEAKENING A PORTION OF A WEB

Priority: US20010034994 20011228 WO2002US20720 20020627

Family:

Publication number	Publication date	Application number	Application date
AU2002346004 AA	20030724	AU20020346004	20020627
US2003132549 AA	20030717	US20010034994	20011228
US6838040 BB	20050104	US20010034994	20011228
WO03057436 A1	20030717	WO2002US20720	20020627

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** HAJOS TODD W ; KIMBERLY CLARK CO ; MLINAR JOSEPH A ; WAGNER KENNETH J

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** HAJOS TODD W ; MLINAR JOSEPH A ; WAGNER KENNETH J

Inventor(s): TODD W HAJOS ; JOSEPH A MLINAR ; KENNETH J WAGNER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): B26F3/00 B31F1/10 (Advanced/Invention); B26F3/00 B31F1/00 (Core/Invention)

International class (IPC 1–7): A61F13/15 B26D7/06 B26F3/00 B28B11/08 B29C51/02 B29C51/10 B29C59/00 B29C69/02 B31F1/07 B44C1/24

CPC: Y10T83/66 Y10T225/12 Y10T225/321 B26F3/002 B31F1/10

European class: B26F3/00B B31F1/10

US class: 101/32 225/2 225/96 264/154 264/155 264/156 264/293 264/296 264/504 264/555 264/571 425/290 425/291 425/305.1 425/387.1 425/388 83/431

Classification Explorer

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0) US6602387B – THICK AND SMOOTH MULTI–PLY TISSUE

66) Family number: 29981791 (US6602387B) © PatBase

Title: THICK AND SMOOTH MULTI–PLY TISSUE

Priority: EP19990123568 19991126 EP20000978868 20001122 US20020130185 20020513 WO2000US32197 20001122

Family:

Publication number	Publication date	Application number	Application date
AU200116282 A1	20010604	AU20010016282	20001122
AU200116282 A5	20010604	AU20010016282	20001122
BRPI0015933 A	20020806	BR2000PI15933	20001122
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US6602387 BA	20030805	US20020130185	20020513
WO0138640 A1	20010531	WO2000US32197	20001122

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** LOUGHRAN SCOTT THOMAS ; MALMBAK MARIANNE ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; AGOUZOUL HASNAA ; BOLLINGER KRAUSE CLAUDIA CHRIS ; WERTH ANJA

Assignee(s): BOLLINGER KRAUSE CLAUDIA CHRISTIANE ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** AGOUZOUL H ; AGOUZOUL HASNAA ; BOLLINGER C C ; BOLLINGER KRAUSE CLAUDIA ; BOLLINGER KRAUSE CLAUDIA CHRIS ; LOUGHRAN S T ; LOUGHRAN SCOTT THOMAS ; MALMBAK MARIANNE ; SCOTT THOMAS LOUGHRAN ; WERTH ANJA ; ST LOUGHRAN ; H AGOUZOUL ; CC BOLLINGER ; BOLLINGER KRAUSE CLAUDIA CHRISTIANE

Inventor(s): ANJA WERTH ; CLAUDIA CHRISTIANE BOLLINGER KRAUSE ; MARIANNE MALMBAK ; HASNAA AGOUZOUL ; S T LOUGHRAN ; C C BOLLINGER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM

TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): A47K7/00 B31F1/07 B31F7/00 D21F11/14 D21H25/00 D21H27/30 D21H27/40 (Advanced/Invention); A47K7/00 B31F7/00 D21H25/00 D21H27/30 (Advanced/Non–invention); B31F1/00 D21H27/30 (Core/Invention); D21H25/00 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 B31F1/07 B31F7/00 D21F11/00 D21F11/14 D21F13/00 D21H27/30

CPC: D21H27/30 B31F1/07 B31F2201/0761 D21H25/005 D21H27/40 Y10T428/24446 Y10T428/24455 Y10T428/24463

European class: B31F1/07 D21H27/30 D21H27/40 L31F201/07G2 N21H25/00B

US class: 162/111 162/112 162/117 162/205 162/206 428/152 428/153 428/154

Classification Explorer

Cited documents: WO9744528 A1, WO9527429 A1, WO9511343 A1, US6162327 A, US5980691 A, US5919556 A, US5906710 A, US5904811 A, US5900122 A, US5897745 A, US5871887 A, US5865950 A, US5861082 A, US5855739 A, US5855738 A, US5846379 A, US5820730 A, US5817377 A, US5814190 A, US5804281 A, US5804036 A, US5795440 A, US5776307 A, US5728268 A, US5714041 A, US5709775 A, US5693187 A, US5679222 A, US5674663 A, US5672248 A, US5654076 A, US5637194 A, US5629052 A, US5614061 A, US5609725 A, US5580423 A, US5556509 A, US5549790 A, US5534326 A, US5529664 A, US5527428 A, US5503715 A, US5490902 A, US5468323 A, US5443691 A, US5429686 A, US5389204 A, US5364504 A, US5277761 A, US5245025 A, US5059282 A, US4959125 A, US4637859 A, US4610915 A, US4610743 A, US4529480 A, US4513051 A, US4483728 A, US4469735 A, US4320162 A, US4300981 A, US4222921 A, US4191609 A, US4166001 A, US4147586 A, US4129528 A, US4100017 A, US3994771 A, US3953638 A, US3899388 A, US3867225 A, US3855158 A, US3844880 A, US3821068 A, US3772076 A, US3738905 A, US3708366 A, US3700623 A, US3650882 A, US3556933 A, US3556932 A, US3556907 A, US3554862 A, US3547723 A, US3414459 A, EP0264676 A1,

0) US2010294449A – APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

67) Family number: 47677442 (US2010294449A)

© PatBase

Title: APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

Priority:

US20090469715	20090521	US20100722725	20100312	US20100722739	20100312
US20100728352	20100322	US20100722731	20100312	US20100748528	20100329
US20100760609	20100415	WO2010US35346	20100519		

Family:

Publication number	Publication date	Application number	Application date
CA2763004 AA	20111121	CA20102763004	20100519
MX2011012399 A1	20111208	MX20110012399	20100519
US2010294449 AA	20101125	US20100728352	20100322
US2010294450 AA	20101125	US20100722739	20100312
US2010295206 AA	20101125	US20100760609	20100415
US2010297279 AA	20101125	US20100748528	20100329
US2010297280 AA	20101125	US20100722725	20100312
US2010297281 AA	20101125	US20100722731	20100312
US2010297286 AA	20101125	US20090469715	20090521
WO10135390 A1	20101125	WO2010US35346	20100519

Probable Assignee: PROCTER AND GAMBLE CO TH

Assignee(s):(std): BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL

Assignee(s):	PROCTER AND GAMBLE CO TH ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s):(std)	BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; WIWI KEVIN MITCHELL
Inventor(s):	DONN NATHAN BOATMAN ; KEVIN MITCHELL WIWI
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9)**:**	B28B3/14 B28B3/16 B29C59/04 B31F1/07 D21F3/00 D21F7/00 (Advanced/Invention)
CPC:	B31F1/07 B31F2201/0725 B31F2201/0756 B31F2201/0758 B31F2201/0774 B31F2201/0712 B31F2201/0738
European class:	B31F1/07 L31F201/07C2B L31F201/07C2D3A L31F201/07C2D3J L31F201/07E L31F201/07G L31F201/07J2
US class:	162/358.3 162/358.300P 162/362 264/175 264/175P 425/336 425/336P 425/373 425/373P 425/517 425/517P
Classification Explorer	
Cited documents:	WO0073053 A1, US7942995 BB, US7465163 BB, US7435316 BB, US7422658 BB, US7407560 BB, US7297226 BB, US7282108 BB, US7147453 BB, US6872342 BB, US6846172 BB, US6739024 BA, US6715411 BA, US6568931 BB, US6277226 BA, US6176819 BA, US6173496 BA, US6086715 A, US6036909 A, US6030690 A, US5887278 A, US5582689 A, US5436057 A, US5423949 A, US5320036 A, US5294475 A, US5269983 A, US4981389 A, US4921034 A, US4877487 A, US4682942 A, US4486363 A, US4300981 A, US4280978 A, US4211743 A, US4166001 A, US4046612 A, US4012188 A, US4011389 A, US4000242 A, US3994771 A, US3874962 A, US3772076 A, US3700623 A, US3672950 A, US3466358 A, US3414459 A, US3323983 A, US2776452 A, US2562078 A, US2009057950 AA, US2008200320 AA, US2007092700 AA, US2005147797 AA, US2005103456 AA,

0) US5700352A – PROCESS FOR INCLUDING A FINE PARTICULATE FILLER...

68) Family number: 29360674 (US5700352A) © PatBase

Title:	Process for including a fine particulate filler into tissue paper using an anionic polyelectrolyte
Priority:	US19960627855 19960403 WO1997US06018 19970403

Family:

Publication number	Publication date	Application number	Application date
AT269442 E	20040715	AT19970920329T	19970403
AU199724550 A1	19971022	AU19970024550	19970403
BRPI9708427 A	19990803	BR1997PI08427	19970403
CA2250842 AA	19981001	CA19972250842	19970403
DE69729561 D1	20040722	DE19976029561	19970403
EP0891444 A1	19990120	EP19970920329	19970403
EP0891444 B1	20040616	EP19970920329	19970403
JP2000507656 T2	20000620	JP19970535627T	19970403
JP3194233 B2	20010730	JP19970535627	19970403
KR100315335 B1	20020406	KR19980707929	19981002
KR20000005242 A	20000125	KR19980707929	19981002
US5700352 A	19971223	US19960627855	19960403
WO9737081 A1	19971009	WO1997US06018	19970403

Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PAPER SCIENCE AND TECH INST INC

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; VINSON KENNETH DOUGLAS ; DEASON HOWARD THOMAS ; GEORGIA TECH RESEARCH CORP ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ATLANTA ; OF PAPER SCIENCE AND TECHNOLOGY INST

Inventor(s):(std)**:** DEASON HOWARD THOMAS ; DEASON THOMAS ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS

Inventor(s): HOWARD THOMAS DEASON ; KENNETH DOUGLAS VINSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN YU

International class (IPC 8–9)**:** D21F11/14 D21H17/29 D21H17/37 D21H17/42 D21H17/43 D21H17/68 D21H17/69 D21H21/52 D21H23/04 D21H23/14 D21H27/00 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/29 D21H17/37 D21H17/43 D21H17/68 D21H17/69 D21H21/52 D21H23/04 D21H27/00 D21H27/38 (Advanced/Non–invention); D21F11/00 D21H17/00 D21H23/00 D21H27/00 (Core/Invention); D21H17/00 D21H21/00 D21H27/30 (Core/Non–invention)

International class (IPC 1–7)**:** D21H17/29 D21H17/42 D21H17/43 D21H17/67 D21H17/69 D21H23/04 D21H23/14 D21H27/00 D21H27/40

CPC: D21F11/14 D21H17/29 D21H17/375 D21H17/43 D21H17/68 D21H17/69 D21H21/52 D21H27/38 D21H23/04

European class: D21F11/14 D21H23/04 N21H17/29 N21H17/37B N21H17/43 N21H17/68 N21H17/69 N21H21/52 N21H27/38

US class: 162/111 162/112 162/113 162/123 162/125 162/127 162/128 162/129 162/130 162/158 162/164.1 162/164.3 162/164.6 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183

Classification Explorer

Cited documents: WO9631653 A1, WO9532335 A1, WO8605530 A1, US5487813 A, US5415740 A, US5405499 A, US5266622 A, US5228954 A, US5227023 A, US5221435 A, US5185206 A, US5164046 A, US5164045 A, US5127994 A, US5068276 A, US5017268 A, US4978396 A, US4959125 A, US4954220 A, US4943349 A, US4940513 A, US4927498 A, US4925530 A, US4795530 A, US4772332 A, US4753710 A, US4637859 A, US4619734 A, US4529480 A, US4406737 A, US4308092 A, US4300981 A, US4295933 A, US4282059 A, US4210490 A, US4191609 A, US4166001 A, US3994771 A, US3974025 A, US3823062 A, US3821068 A, US3301746 A, US3293114 A, US2216143 A, JP62184197 A2, GB1505641 A, FR8605530,

0) US2010237179A – REWINDING METHOD AND REWINDING MACHINE THAT CAR...

69) Family number: 43112799 (US2010237179A)

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Title: REWINDING METHOD AND REWINDING MACHINE THAT CARRIES OUT THIS METHOD

Priority: EP20070019379 20071002 EP20080834938 20081002 WO2008IB02607 20081002

Family:

Publication number	Publication date	Application number	Application date
DE602008027048 D1	20131017	DE200860027048T	20081002
EP2045201 A1	20090408	EP20070019379	20071002
EP2205513 A2	20100714	EP20080834938	20081002
EP2205513 B1	20130821	EP20080834938	20081002
ES2430845 T3	20131122	ES20080834938T	20081002
US2010237179 AA	20100923	US20080679532	20081002
WO09044264 A2	20090409	WO2008IB02607	20081002
WO09044264 A3	20090522	WO2008IB02607	20081002

Probable Assignee: MTC MACCHINE TRASFORMAZIONE CARTA SRL

Assignee(s):(std)**:** DE MATTEIS ALESSANDRO ; M T C MACCHINE TRASFORMAZIONE ; MTC MACCHINE TRASFORMAZIONE CA ; MTC MACCHINE TRASFORMAZIONE

Assignee(s): M T C MACCHINE TRASFORMAZIONE CARTA SRL PORCARI ; MTC MACCHINE TRASFORMAZIONE CARTA SRL ; M T C MACCHINE TRASFORMAZIONE CARTA S R L ; M T C MACCHINE TRASFORMAZIONE CARTA SRL ; MTC MACCHINE TRASFORMAZIONE CARTA S R L

Inventor(s):(std)**:** DE MATTEIS ALESSANDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 B65H35/04 B65H35/10 (Advanced/Invention); B65H19/22 B65H19/28 B65H19/30 B65H35/00 B65H35/04 (Core/Invention)

CPC: B65H19/286 B65H19/2269 B65H19/29 B65H2301/414421 B65H2408/235

European class: B65H19/22B6 B65H19/28B B65H19/29 L65H301/41442A L65H341/441A2 L65H341/441C4 L65H341/441G2 L65H408/235

US class: 242/521 242/521P 242/526 242/526.1 242/526.100S 242/526S 242/532.3 242/532.300S

Classification Explorer

Cited documents: WO06117822 A1, WO04005173 A1, WO0164563 A2, US8136473 BB, US7641142 BB, US7222813 BB, US7175126 BB, US6494398 BA, US6350861 BA, US5866135 A, US5285977 A, US35284 A, US2007102562 AA, US2007102561 AA, US2006208127 AA, US2003001042 AA, GB2150536 A1, EP1754677 A2, EP1702873 A2, EP1700805 A2, EP1554202 A2, EP1232980 A1, EP0387214 A2,

0) ZA200005838A – PAPER TISSUE ROLL.

70) Family number: 20775974 (ZA200005838A)

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Title: PAPER TISSUE ROLL.

Priority: EP19980108674 19980513 EP19990922979 19990513 WO1999US10435 19990513

Family:

Publication number	Publication date	Application number	Application date
AR015781 AA	20010516	AR1999P102282	19990513
AU199939851 A1	19991129	AU19990039851	19990513
AU749835 B2	20020704	AU19990039851	19990513
BRPI9910390 A	20020226	BR1999PI10390	19990513
CA2329799 AA	20001025	CA19992329799	19990513
CN1300198 A	20010620	CN19998006005	19990513

DE29908294 U1	19990812	DE19992008294U	19990508
EP0956804 A1	19991117	EP19980108674	19980513
EP1077631 A1	20010228	EP19990922979	19990513
GB2334210 A1	19990818	GB19990002769	19990208
GB2334210 B2	19991229	GB19990002769	19990208
GB9902769 A0	19990331	GB19990002769	19990208
JP2002514446 T2	20020521	JP20000547895T	19990513
KR20010043526 A	20010525	KR20007012629	19990513
MXPA00011146 A1	20040906	MX2000PA11146	19990513
NZ507593 A	20020828	NZ19990507593	19990513
PE05972000 A1	20000826	PE19990000397	19990513
TH42183 A	20001229	TH19991001589	19990511
TW386024 B	20000401	TW19990108852	19990528
WO9958039 A1	19991118	WO1999US10435	19990513
ZA200005838 A	20010810	ZA20000005838	20001019

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; ROBINSON DOUGLAS E ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE THE COMPANY

Inventor(s):(std)**:** ROBINSON DOUGLAS E ; ROBINSON DOUGLAS EDGAR ; DOUGLAS E ROBINSON

Inventor(s): DOUGLAS EDGAR ROBINSON

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): A47K10/16 (Advanced/Invention); A47K10/16 (Advanced/Non–invention)

International class (IPC 1–7): A47K10/16

CPC: A47K10/16

European class: A47K10/16

Classification Explorer

Cited documents: US4687153 A, US3301746 A, JP7268800, FR2226965 A1, FR1518763 A, EP0338792 A2, EP0140404 A1,

0) US2007044928A – ROLLED BATH TISSUE PRODUCT FOR CHILDREN

71) Family number: 34246045 (US2007044928A) © PatBase

Title: ROLLED BATH TISSUE PRODUCT FOR CHILDREN

Priority: US20050220378 20050831 WO2006US21478 20060602

Family:

Publication number	Publication date	Application number	Application date
AU2006285338 AA	20070308	AU20060285338	20060602
AU2006285338 BB	20120301	AU20060285338	20060602
CA2614749 AA	20080109	CA20062614749	20060602
CR9639 A	20080213	CR20080009639	20080108
ECSP088095 A	20080220	EC2008SP08095	20080110
EP1919340 A1	20080514	EP20060771970	20060602
JP2009505780 T2	20090212	JP20080529013T	20060602
KR20080038126 A	20080502	KR20087000749	20060602
MX2008000490 A1	20080307	MX20080000490	20060602
US2007044928 AA	20070301	US20050220378	20050831
WO07027262 A1	20070308	WO2006US21478	20060602

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; MOHR REBECCA C ; SHANNON THOMAS G ; SHERMAN CRYSTAL E

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC401 N. LAKE STREETNEENAHWI54956US

Inventor(s):(std)**:** MOHR REBECCA C ; SHANNON THOMAS G ; SHERMAN CRYSTAL E ; THOMAS G SHANNON ; REBECCA MOHR ; CRISTAL SHERMAN

Inventor(s): SHERMAN CRYSTAL EUS ; SHANNON THOMAS GUS ; MOHR REBECCA CUS ; SHERMAN CRYSTAL ; SHANNON THOMAS ; REBECCA C MOHR ; MOHR REBECCA ; CRYSTAL E SHERMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/38 D21F11/00 (Advanced/Invention); A47K10/32 A47K10/38 (Advanced/Non–invention); A47K10/00 A47K10/24 D21F11/00 (Core/Invention)

CPC: Y10T428/1303 Y10T428/24479 A47K10/16

European class: A47K10/16

US class: 162/109 162/117 162/117S 162/118 162/118S 162/204 162/204S 428/156 428/156S 428/34.2 428/34.200S

Classification Explorer

Cited documents: USD42546 S1, USD417351 S1, USD297596 S1, US6945493 BA, US6926308 BB, US6848595 BB, US6800357 BB, US6592068 BB, US6585130 BB, US6460727 BA, US6439386 BA, US6427839 BA, US6398910 BA, US6382552 BA, US6318555 BA, US6299729 BA, US6265052 BA, US6257410 BA, US6165319 A, US6047920 A, US5957325 A, US5897074 A, US5891008 A, US5820730 A, US5802974 A, US5753331 A, US5678727 A, US5618008 A, US5609269 A, US5595628 A, US5562964 A, US5409181 A, US5311986 A, US5205454 A, US5167346 A, US5123343 A, US5076424 A, US5041317 A, US5007558 A, US4978095 A, US4963406 A, US4928849 A, US4913312 A, US4834316 A, US4798312 A, US4793898 A, US4594130 A, US4457964 A, US4238541 A, US4205802 A, US4201331 A, US4195787 A, US4106617 A, US4106616 A, US4017002 A, US3837595 A, US3700138 A, US3585104 A, US2902187 A, US2781902 A, US2604254 A, US2502772 A, US2119360 A, US2005215146 AA, US2005067125 AA, US2005000976 AA, US2004261639 AA, US2004258887 AA, US2004258886 AA, US2004251590 AA, US2004245267 AA, US2004245266 AA, US2004178210 AA, US2004099679 AA, US2004003521 AA, US2003152896 AA, US2003054326 AA, US2001025856 AA, EP0366514 A1,

0) US5660350A – METHOD OF WINDING LOGS WITH DIFFERENT SHEET COU...

72) Family number: 12650729 (US5660350A) © PatBase

Title: METHOD OF WINDING LOGS WITH DIFFERENT SHEET COUNTS

Priority:

CA19962177507	19960528	CA19962177507	19960528	US19950459010	19950602
US19950460435	19950602	US19950459212	19950602	CA19962177513	19960528
WO1996US07450	19960522	US19960728633	19961010	US19960728632	19961010
US19960728631	19961010	WO1996US07456	19960522		

Family:

Publication number	Publication date	Application number	Application date
AR002167 A1	19980107	AR19960102826	19960531
AR005714 AA	19990714	AR1997P100454	19970205
AR005715 AA	19990714	AR1997P100455	19970205
AT195107 E	20000815	AT19960920391T	19960522
AT204827 E	20010915	AT19960920394T	19960522
AU199658717 A1	19961218	AU19960058717	19960522
AU199658719 A1	19961218	AU19960058719	19960522
AU723541 B2	20000831	AU19960058717	19960522
AU723542 B2	20000831	AU19960058719	19960522
BRPI9609428 A	19990525	BR1996PI09428	19960522
BRPI9610856 A	19990713	BR1996PI10856	19960522
CA2177507 AA	19961203	CA19962177507	19960528
CA2177507 C	20010213	CA19962177507	19960528
CA2177513 AA	19961203	CA19962177513	19960528
CA2177513 C	20000613	CA19962177513	19960528
CA2223060 AA	19971202	CA19962223060	19960522
CA2223060 C	20020108	CA19962223060	19960522
CN1065208 C	20010502	CN19961095488	19960522
CN1190942 A	19980819	CN19961095488	19960522
CN1190945 A	19980819	CN19961095489	19960522
CO4520140 A1	19971015	CO19960028599	19960603
CZ9703836 A3	19980715	CZ19970003836	19960522
DE69609609 D1	20000907	DE19966009609	19960522
DE69609609 T2	20010412	DE19966009609T	19960522
DE69614854 D1	20011004	DE19966014854	19960522
DE69614854 T2	20020411	DE19966014854T	19960522
DK0828679 T3	20000904	DK19960920391T	19960522
EP0828679 A1	19980318	EP19960920391	19960522
EP0828679 B1	20000802	EP19960920391	19960522
EP0833793 A1	19980408	EP19960920394	19960522
EP0833793 B1	20010829	EP19960920394	19960522
ES2149485 T3	20001101	ES19960920391T	19960522
ES2159744 T3	20011016	ES19960920394T	19960522
GR3034697 T3	20010131	GR20000402384T	20001027
HK1009429 A1	20010412	HK19980110239	19980826
HU9901913 AB	19990928	HU19990001913	19960522
HU9901913 AC	20000928	HU19990001913	19960522
JP11506086 T2	19990602	JP19960536545T	19960522
JP11506087 T2	19990602	JP19960536546T	19960522
JP3330954 B2	20021007	JP19960536545T	19960522
KR100302038 B1	20011220	KR19970708721	19971202

KR19990022237 A	19990325	KR19970708716	19960522	
KR19990022242 A	19990325	KR19970708721	19960522	
MX9709373 A1	19981031	MX19970009373	19971202	
MX9709406 A1	19980731	MX19970009406	19971202	
NO975549 A	19980202	NO19970005549	19971202	
NO975549 A0	19971202	NO19970005549	19971202	
NO975551 A0	19971202	NO19970005551	19971202	
PE34597 A1	19971120	PE19960000399	19960603	
PT828679 T	20001229	PT19960920391T	19960522	
TH28735 A	19980525	TH19961001745	19960529	
TH31687 A	19990111	TH19961001742	19960529	
TR9701481 T1	19980221	TR19970001481T	19960522	
TW374752 B	19991121	TW19960111743	19960925	
US5660350 A	19970826	US19960728631	19961010	
US5810282 A	19980922	US19960728633	19961010	
US6142407 A	20001107	US19960728632	19961010	
WO9638362 A1	19961205	WO1996US07456	19960522	
WO9638365 A1	19961205	WO1996US07450	19960522	
ZA9604514 A	19961209	ZA19960004514	19960531	
ZA9604515 A	19961209	ZA19960004515	19960531	

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CO THE ; MYNES ROBERT DANIEL ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; BUTSCH WILLIAM JOSEPH ; BYRNE THOMAS TIMOTHY ; JOHNSON JAMES ROBERT ; LOCKWOOD FREDRICK EDWARD ; MCNEIL KEVIN BENSON

Inventor(s):(std)**:** BUTSCH WILLIAM JOSEPH ; JOHNSON JAMES ROBERT ; MCNEIL KEVIN BENSON ; MYNES ROBERT DANIEL ; NCNEIL KEVIN BENSON ; NCNEIL BENSON ; MYNES ROBERT D ; MYNES DANIEL ROBERT ; MYNES DANIEL ; MCNEIL KEVIN B ; JOHNSON ROBERT ; JOHNSON JAMES R ; BUTSCH WILLIAM J ; BUTSCH JOSEPH WILLIAM ; BUTSCH JOSEPH ; BUTCH WILLIAM J ; THOMAS TIMOTHY BYRNE ; THOMAS T BYRNE ; LOCKWOOD FREDRICK EDWARD ; LOCKWOOD FREDRICK E ; LOCKWOOD FREDERICK EDWARD ; KEVIN BENSON MCNEIL ; KEVIN B MCNEIL ; FREDRICK EDWARD LOCKWOOD ; FREDRICK E LOCKWOOD ; FREDERICK EDWARD LOCKWOOD ; BYRNE THOMAS TIMOTHY ; BYRNE THOMAS T

Inventor(s): BYRNE TIMOTHY ; FREDRICK EDWAR LOCKWOOD ; JOSEPH WILLIAM BUTSCH ; LOCKWOOD EDWARD ; MCNEIL BENSON ; JAMES ROBERT JOHNSON ; JAMES R JOHNSON ; DANIEL ROBERT MYNES ; KEVIN BENSON NCNEIL ; WILLIAM JOSEPH BUTSCH ; WILLIAM J BUTSCH ; ROBERT DANIEL MYNES

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): B65H16/08 B65H16/10 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H75/02 (Advanced/Invention);
B65H18/00 B65H18/02 B65H18/10 B65H19/12 (Advanced/Non–invention);
B65H18/00 B65H18/10 B65H18/14 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/195 (Core/Invention);
B65H75/02 (Core/Non–invention)

International class (IPC 1–7): A61K31/395 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/00 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H43/00 B65H75/02 B65H75/24 B65H75/24

CPC: B65H2301/4148 B65H2408/2312 B65H18/021 B65H19/2223 B65H19/283 B65H19/30 B65H23/198 B65H2301/41356 B65H2301/41812 B65H2301/41814 B65H2301/541 B65H2511/11 B65H2511/212 B65H2511/30 B65H2513/108 B65H2513/11 B65H2551/15 B65H2551/20 B65H2553/00 B65H2555/24 B65H2557/20 B65H2557/23 B65H2301/41362 B65H2301/41745 B65H2301/41828 B65H18/00 B65H2511/414

European class: B65H18/00 B65H18/02B B65H19/22A4 B65H19/28A B65H19/30 B65H23/198 L65H301/41356 L65H301/41362 L65H301/41745 L65H301/41812 L65H301/41814 L65H301/41828 L65H301/541 L65H354/100 L65H408/2312 L65H511/110 L65H511/212 L65H511/300 L65H511/414 L65H513/108 L65H513/110 L65H551/150 L65H551/200 L65H553/00 L65H555/240 L65H557/200 L65H557/230

US class: 242/533.4 242/533.6

Classification Explorer

Cited documents: WO9514630 A1, WO9510472 A1, US5054708 A, US4687153 A, US4635871 A, US4516742 A, US4344584 A, US4327876 A, US4266735 A, US4265409 A, US4230286 A, US4208019 A, US4191341 A, US4174077 A, US4038127 A, US4033521 A, US3930620 A, US3885749 A, US3844501 A, US3791603 A, US3791602 A, US3734423 A, US3733035 A, US3697010 A, US3552670 A, US3547365 A, US3472462 A, US3459388 A, US3421709 A, US3179348 A, US3161363 A, US3148843 A, US3116890 A, US2769600 A, US2686015 A, US2385692 A, US2082031 A, US2029446 A, US1819406 A, LU67164 A, JPS61124478, JP61124478 A2, GB1324183 A, GB1071925 A, EP0145029 B1, EP0145029 A2, EP0135662 A2, DEB1474243, DEB1218597, DEA3041030, DE3041030 A1, DE2036991 A1, DE1803309 A1, DE1474243 B, DE1474243 A1, DE1271489 B, DE1218597 B,

0) US2002146548A – PROCESS FOR HIGH FIDELITY PRINTING OF TISSUE SU...

73) Family number: 28326876 (US2002146548A) © PatBase

Title: PROCESS FOR HIGH FIDELITY PRINTING OF TISSUE SUBSTRATES, AND PRODUCT MADE THEREBY

Priority: US19990443781 19991119 WO2000IB01700 20001117

Family:

Publication number	Publication date	Application number	Application date
AT294070 E	20050515	AT20000974710T	20001117
AU200112924 A1	20010530	AU20010012924	20001117
AU200112924 A5	20010530	AU20010012924	20001117
BRPI0015652 A	20021231	BR2000PI15652	20001117
CA2389857 AA	20020502	CA20002389857	20001117
CA2389857 C	20061010	CA20002389857	20001117
DE60019804 D1	20050602	DE20006019804	20001117
DE60019804 T2	20060202	DE20006019804T	20001117
EP1242247 A1	20020925	EP20000974710	20001117
EP1242247 B1	20050427	EP20000974710	20001117
MXPA02005072 A1	20021209	MX2002PA05072	20001117
US2002146548 AA	20021010	US19990443781	19991119
US7037575 BB	20060502	US19990443781	19991119
WO0136209 A1	20010525	WO2000IB01700	20001117
ZA200203270 A	20030724	ZA20020003270	20020424

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE CO CINCINNATI ; FORRY MARK EDWIN ; JONES AMANDA K ; KINI PRASHANTH M ; KINI PRASHANTH MABUKAL ; NISSING NICHOLAS JAMES

Inventor(s):(std): FORRY EDWIN ; FORRY MARK EDWIN ; JONES AMANDA K ; JONES K ; KINI MABUKAL ; KINI PRASHANTH M ; KINI PRASHANTH MABUKAL ; NICHOLAS JAMES NISSING ; NISSING JAMES ; NISSING NICHOLAS JAMES ; PRASHANTH MABUKAL KINI ; MARK EDWIN FORRY ; AMANDA K JONES

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): B32B29/00 B32B3/00 B32B7/00 B41F9/00 B41M1/00 B41M1/36 B41M3/00 B41M5/00 D06P5/00 D21H21/22 (Advanced/Invention); B32B29/00 B32B3/00 B32B7/00 B41F9/00 B41M1/00 B41M1/26 B41M3/00 B41M5/00 D06P5/00 D21H21/22 (Core/Invention)

International class (IPC 1–7): B32B3/00 B41F9/00 B41M1/00 B41M1/36 B41M3/00 D06P5/00 D21H21/22

CPC: Y10T428/24273 Y10T428/24802 Y10T428/24934 Y10T428/24992 B41M1/36 B41M5/0041

European class: B41M1/36 B41M5/00S

US class: 162/112 162/134 428/131 428/195.1 428/211 428/211.1 428/218 428/220 503/227

Classification Explorer

Cited documents: WO9947752 A1, WO9701448 A1, WO9701447 A1, WO9622335 A1, US6165319 A, US6096412 A, US5980691 A, US5855738 A, US5820730 A, US5776280 A, US5612282 A, US5612118 A, US5520112 A, US5490457 A, US5370735 A, US5339730 A, US5314861 A, US5123343 A, US4690858 A, JP1254800 A2, JP1254800, EP0414015 A2,

0) US2008199660A – EMBOSSING ROLLER, EMBOSSING DEVICE INCLUDING SA...

74) Family number: 33338766 (US2008199660A)

© PatBase

Title: EMBOSSING ROLLER, EMBOSSING DEVICE INCLUDING SAID ROLLER AND PAPER ARTICLE PRODUCED WITH SAID EMBOSSING DEVICE

Priority: EP20060711441 20060227 IT2005FI00033 20050301 WO2006IT00112 20060227

Family:

Publication number	Publication date	Application number	Application date
AT544590 E	20120215	AT20060711441T	20060227
BRPI0609374 A2	20100330	BR2006PI09374	20060227
DE602006027526 D1	20120412	DE200660027526T	20060227
EP1855876 A1	20071121	EP20060711441	20060227
EP1855876 B1	20120208	EP20060711441	20060227
ES2380788 T3	20120518	ES20060711441T	20060227
ITFI20050033 A1	20060902	IT2005FI00033	20050301
US2008199660 AA	20080821	US20060885424	20060227
WO06092817 A1	20060908	WO2006IT00112	20060227

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std): GELLI MAURO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std): GELLI MAURO

Inventor(s): MAURO GELLI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ

GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B31F1/07 B32B29/00 B32B3/28 B32B37/00 B32B37/12 (Advanced/Invention); B31F1/00 B32B29/00 B32B3/28 B32B37/00 B32B37/12 (Core/Invention)

CPC: Y10T156/1304 Y10T156/15 Y10T428/15 Y10T428/24612 Y10T428/24934 B31F1/07 B31F2201/0733 B31F2201/0761 B31F2201/0794

European class: B31F1/07 L31F201/07C2D3G L31F201/07G2 L31F201/07P8

US class: 101/23 101/23S 156/384 156/384S 156/459 156/459S 156/513 156/513S 156/536 156/536S 428/172 428/172P 428/211.1 428/211.100S 428/43 428/43S

Classification Explorer

Cited documents: US6686168 BA, US6681826 BA, US5846636 A, US5415918 A, US4978565 A, US4320162 A, US3694300 A, US3673060 A, US2890540 A, US2004074594 AA, US2002060000 AA, US1954635 A,

0) US2007056704A – PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTR...

75) Family number: 34294162 (US2007056704A) © PatBase

Title: PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTRATE HAVING NON–UNIFORM STRETCH CHARACTERISTICS

Priority: US20050222701 20050909 US20060516892 20060907 WO2006US34816 20060907

Family:

Publication number	Publication date	Application number	Application date
CA2622027 AA	20080310	CA20062622027	20060907
CA2622027 C	20120918	CA20062622027	20060907
CL2006002372 A1	20070525	CL20060002372	20060908
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US2007056704 AA	20070315	US20060516892	20060907
US2007059495 AA	20070315	US20050222701	20050909
US7597777 BB	20091006	US20050222701	20050909
US7678229 BB	20100316	US20060516892	20060907
WO07030592 A2	20070315	WO2006US34816	20060907
WO07030592 A3	20070816	WO2006US34816	20060907

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): PROCTER AND GAMBLE ; WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std): WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II ; WILKE II NICHOLAS JEROME

Inventor(s): WILKE NICHOLAS ; WILKE NICHOLAS JII ; WILKE NICHOLAS JEROME

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B29C59/04 B31F1/07 B32B3/28 D21F11/00 D21H27/02 (Advanced/Invention); B31F1/00 B32B3/28 D21F11/00 D21H27/02 (Core/Invention)

CPC: Y10T156/1023 Y10T428/24463 Y10T428/24628 Y10T428/24678 D21H27/02 D21H27/002

European class: D21H27/02 N21H27/00D

US class: 156/209 162/117 162/123 162/204 428/154 428/174 428/180

Classification Explorer

Cited documents: WO9850481, WO9406623, WO05080677 A2, WO05032320 A2, WO03072344, WO03031170, WO0073053, USRE27453 E, US7320821 BB, US7285317 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6461720 BA, US6395133 BA, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6277467 BA, US6277466 BA, US6277226 BA, US6203664 BA, US6193918 BA, US6165319 A, US6153053 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6077390 A, US6033761 A, US6033523 A, US6030690 A, US602577 A, US5922439 A, US5904812 A, US5885417 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5804281 A, US5779965 A, US5686168 A, US5679222 A, US5637194 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5556509 A, US5549790 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5458950 A, US5436057 A, US5409572 A, US5356506 A, US5339730 A, US5294475 A, US5269983 A, US5173351 A, US5158819 A, US5155604 A, US5091032 A, US4984824 A, US4933120 A, US4927588 A, US4921034 A, US4913911 A, US4913858 A, US4759967 A, US4758296 A, US4717221 A, US4671983 A, US4610743 A, US4556378 A, US4528239 A, US4339088 A, US4326002 A, US4325773 A, US4320162 A, US4184700 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3668055 A, US3556907 A, US3414459 A, US2005095400 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US2003021953 AA, US2003008109 AA, US2002180097 AA, US1863973 A, GB2377674, EP1312466 A1, EP1232854 B1, EP1044807, DE4218860 A1, DE1807842 A1,

0) US2013226120A – ABSORBENT STRUCTURE

76) Family number: 50536202 (US2013226120A)

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Title: ABSORBENT STRUCTURE

Priority:

AU20110316136	20111013	AU20160203745	20160604	EP20100447022	20101013
EP20100447021	20101013	EP20100447020	20101013	CN201180060002	20111013
EP20100447023	20101013	EP20110153268	20110203	EP20110153268	20110203
EP20100447024	20101013	WO2011EP05138	20111013	EP20110770376	20111013
EP20110773682	20111013	EP20140183749	20111013	WO2011EP05139	20111013

Family:

Publication number	Publication date	Application number	Application date
AU2011316136 AA	20120419	AU20110316136	20111013
AU2016203745 AA	20160623	AU20160203745	20160604
AU2016203745 BB	20171019	AU20160203745	20160604
CN103313683 A	20130918	CN201180060002	20111013
CN103313683 B	20170208	CN201180060002	20111013
CN107095746 A	20170829	CN201710000747	20111013
EP2441417 A1	20120418	EP20100447022	20101013
EP2441418 A1	20120418	EP20100447023	20101013
EP2444043 A1	20120425	EP20100447021	20101013
EP2444044 A1	20120425	EP20100447024	20101013
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EP2627294 A1	20130821	EP20110770376	20111013
EP2627295 A1	20130821	EP20110773682	20111013
EP2810630 A1	20141210	EP20140183749	20111013

FR2966039 A3	20120420	FR20110059247	20111013	
FR2966039 B3	20121109	FR20110059247	20111013	
JP3172565 U	20111222	JP20110006001U	20111013	
US2013226120 AA	20130829	US20110879454	20111013	
US2014039437 AA	20140206	US20110879498	20111013	
US9603750 BB	20170328	US20110879498	20111013	
WO12048878 A1	20120419	WO2011EP05138	20111013	
WO12048879 A1	20120419	WO2011EP05139	20111013	

Probable Assignee: DRYLOCK TECHNOLOGIES NV

Assignee(s):(std)**:** DRYLOCK TECH NV ; ROMANOVA BVA STARTER ; ROMANOVA BVBA STARTER ; VAN DE MAELE MARLEEN

Assignee(s): DRYLOCK TECHNOLOGIES NV

Inventor(s):(std)**:** VAN DE MAELE MARLEEN

Inventor(s): MARLEEN VAN DE MAELE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/53 A61F13/532 A61F13/539 B05C1/10 B05C19/04 B05D1/32 B32B3/28 B32B37/00 B32B37/24 B32B5/16 B32B5/30 B32B7/04 B65B9/04 D04H1/46 F16F15/02 (Advanced/Invention); A61F13/53 (Advanced/Non–invention)

CPC: A61F13/15658 B32B7/04 B32B3/28 B32B5/16 B32B37/0076 D04H1/465 A61F13/15585 A61F13/539 A61F2013/530562 A61F2013/530591 B05C1/10 B05C19/04 B05D1/32 B05D2401/32 B32B5/30 B32B37/24 B32B2555/02 A61F13/5323 Y10T428/239 Y10T428/24893

European class: A61F13/15M3G A61F13/532B A61F13/539 B32B7/04

US class: 156/379.8 156/390 156/62.2 156/70 28/104 428/206 428/76 604/372 604/384

Classification Explorer

Cited documents: WO9526209 A1, WO9521596 A1, WO9517868 A1, WO12052173, US9295593 BB, US8633347 BB, US6833014 BB, US6591584 BA, US6162327 A, US6015608 A, US5938650 A, US5643238 A, US5593399 A, US5494622 A, US5433715 A, US5411497 A, US5118376 A, US5030314 A, US4795454 A, US4715918 A, US4381783 A, US4209553 A, US4124116 A, US2014296817 AA, US2008312621 AA, US2008312618 AA, US2007167928 AA, US2007088308 AA, US2006021695 AA, US2006004334 AA, US2003208177 AA, US2002095127 AA, JP2006263074 A2, GB2283680 A1, GB2283679 A1, EP2022452 A1, EP1655007 A1, EP1632206 A1, EP1621166 A1, EP1447066 A1, EP1142785 A1, EP10447027, EP0844859 A1, EP0724418 A1, EP0512010 A1, EP0432126 A1, EP0336578 B1, EP0336578 A1,

0) US5759346A – PROCESS FOR MAKING SMOOTH UNCREPED TISSUE PAPER...

77) Family number: 10840969 (US5759346A) © PatBase

Title: Process for making smooth uncreped tissue paper containing fine particulate fillers

Priority: US19960720110 19960927 WO1997US16792 19970919

Family:

Publication number	Publication date	Application number	Application date
AT234962 E	20030415	AT19970910714T	19970919
AU199748015 A1	19980417	AU19970048015	19970919
BRPI9712139 A	20030401	BR1997PI12139	19970919
CA2266932 AA	19990324	CA19972266932	19970919
CA2266932 C	20040907	CA19972266932	19970919
CN1124380 C	20031015	CN19971080112	19970919
CN1238820 A	19991215	CN19971080112	19970919
DE69720013 D1	20030424	DE19976020013	19970919
DE69720013 T2	20031224	DE19976020013T	19970919
EP0928351 A1	19990714	EP19970910714	19970919
EP0928351 B1	20030319	EP19970910714	19970919
JP2000505842 T2	20000516	JP19980515763T	19970919
JP3295096 B2	20020624	JP19980515763	19970919
KR100323165 B1	20020204	KR19997002639	19990326
KR20000048688 A	20000725	KR19997002639	19970919
US5759346 A	19980602	US19960720110	19960927
WO9813549 A1	19980402	WO1997US16792	19970919

Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):(std)**:** PAPER SCIENCE AND TECH INST INC ; PROCTER AND GAMBLE ; INST OF PAPER SCIENCE AND TECHNO

Assignee(s): INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY INC ; OF PAPER SCIENCE AND TECHNOLOGY INST ; GEORGIA TECH RESEARCH CORP ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; VINSON KENNETH DOUGLAS

Inventor(s):(std)**:** VINSON KENNETH DOUGLAS ; VINSON K D ; VINSON DOUGLAS

Inventor(s): KENNETH DOUGLAS VINSON ; K D VINSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 D21F11/14 D21F2/00 D21H17/67 D21H17/68 D21H25/00 D21H27/00 D21H27/30 (Advanced/Invention);
A47K7/00 D21H25/00 (Advanced/Non–invention);
A47K7/00 D21F11/00 D21H17/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K7/00 D21F2/00 D21F2/00 D21H17/67 D21H17/67 D21H17/68 D21H21/10 D21H25/00 D21H27/00

CPC: D21H27/30 D21F11/14 D21H17/67

European class: D21F11/14 D21H17/67 D21H27/30

US class: 162/109 162/123 162/125 162/127 162/128 162/129 162/130 162/158 162/164.1 162/168.1 162/168.3 162/175 162/181.1 162/181.2 162/181.3 162/181.5 162/181.6 162/181.8 162/181.9

Classification Explorer

Cited documents: WO9717494 A1, WO9631653 A1, WO8605530 A1, US5487813 A, US5415740 A, US5405499 A, US5399412 A, US5266622 A, US5228954 A, US5227023 A, US5185206 A, US5164046 A, US5164045 A, US5127994 A, US5068276 A, US5017268 A, US4978396 A, US4959125 A, US4954220 A, US4943349 A, US4940513 A, US4927498 A, US4925530 A, US4892590 A, US4795530 A, US4772332 A, US4753710 A, US4637859 A, US4619734 A, US4529480 A, US4406737 A, US4308092 A, US4300981 A, US4295933 A, US4282059 A, US4210490 A, US4191609 A, US4181567 A,

US4174998 A, US4166001 A, US4094736 A, US3994771 A, US3974025 A, US3823062 A, US3821068 A, US3301746 A, US3293114 A, US2955067 A, US2682460 A, US2249118 A, US2216143 A, JP62184197 A2, FR8605530, EP0677612 A2, EP0617164 A1,

0) US2011311345A – HIGH ROLL DENSITY FIBROUS STRUCTURES

78) Family number: 50180797 (US2011311345A) © PatBase

Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Priority:

CA20112803084	20110615	CA20162803084	20160511	US20100356208P	20100618
US20110162630	20110617	WO2011US40513	20110615	US20170460321	20170316

Family:

Publication number	Publication date	Application number	Application date
AU2011268401 AA	20111222	AU20110268401	20110615
CA2803084 AA	20121218	CA20112803084	20110615
CA2803084 C	20160809	CA20112803084	20110615
CA2928608 AA	20111222	CA20112928608	20110615
EP2582876 A2	20130424	EP20110729508	20110615
FR2961529 A1	20111223	FR20110055311	20110617
MX2012014954 A1	20130212	MX20120014954	20110615
US2011311345 AA	20111222	US20110162630	20110617
US2017183824 AA	20170629	US20170460321	20170316
WO11159792 A2	20111222	WO2011US40513	20110615
WO11159792 A3	20120202	WO2011US40513	20110615

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** MCNEIL KEVIN BENSON

Inventor(s): KEVIN BENSON MCNEIL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F1/07 B65G49/00 B65G65/00 B65H18/08 B65H18/28 D21H17/07 D21H21/18 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/02 D21H27/005 B31F1/07 B65H18/08 D21H27/002 B31F2201/0733 B31F2201/0738

European class: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J

US class: 162/100 162/100S 162/109 162/109S 162/114 162/114S 414/800 414/800P

Classification Explorer

Cited documents: WO08107845 A2, WO03074398 A2, US7704601 BB, US7687140 BB, US7455260 BB, US7392961 BB, US7092781 BB, US7035706 BB, US7000864 BB, US6993964 BB, US6991144 BB, US6845282 BB, US6746569 BA, US6354530 BA, US6142407 A, US5913490 A, US5899404 A, US5810282 A, US5732901 A, US5712210 A, US5690297 A, US5667162 A, US5660350 A, US5335869 A, US4919351 A, US4300981 A, US3994771 A, US3977619 A, US26773605, US2012301536 AA, US2010030174 AA, US2010028621 AA, US2008245693 AA, US2007102559 AA, US2005132904 AA, US18547708, US18545808,

0) US5672249A – PROCESS FOR INCLUDING A FINE PARTICULATE FILLER...

79) Family number: 20197719 (US5672249A) © PatBase

Title: Process for including a fine particulate filler into tissue paper using starch

Priority: US19960627157 19960403 WO1997US05596 19970403

Family:

Publication number	Publication date	Application number	Application date
AT269441 E	20040715	AT19970917855T	19970403
AU199726073 A1	19971022	AU19970026073	19970403
BRPI9708522 A	19990803	BR1997PI08522	19970403
CA2250851 AA	19981001	CA19972250851	19970403
DE69729560 D1	20040722	DE19976029560	19970403
EP0891443 A1	19990120	EP19970917855	19970403
EP0891443 B1	20040616	EP19970917855	19970403
JP2000508384 T2	20000704	JP19970535609T	19970403
JP3133342 B2	20010205	JP19970535609T	19970403
KR100284028 B1	20010302	KR19980707928	19981002
KR20000005241 A	20000125	KR19980707928	19981002
US5672249 A	19970930	US19960627157	19960403
WO9737080 A1	19971009	WO1997US05596	19970403

Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):(std)**:** PAPER SCIENCE AND TECH INST INC ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; THE PROCTOR AND GAMBLE COMPANY ; ERSPAMER JOHN PAUL ; FICKE JONATHAN ANDREW ; GEORGIA TECH RESEARCH CORP ; HALTER JEFFRESS PAUL ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ATLANTA ; NEAL CHARLES WILLIAM ; OF PAPER SCIENCE AND TECHNOLOGY INST

Inventor(s):(std)**:** CHARLES WILLIAM NEAL ; ERSPAMER JOHN PAUL ; ERSPAMER PAUL ; FICKE ANDREW ; FICKE JOHNATHON ANDREW ; FICKE JONATHAN ANDREW ; HALTER JEFFRESS PAUL ; HALTER PAUL ; JEFFRESS PAUL HALTER ; JOHN PAUL ERSPAMER ; JOHNATHON ANDREW FICKE ; KENNETH DOUGLAS VINSON ; NEAL CHARLES WILLIAM ; NEAL WILLIAM ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN YU

International class (IPC 8–9): D21F11/14 D21H17/28 D21H17/29 D21H17/67 D21H17/68 D21H17/69 D21H21/20 D21H23/04 D21H25/00 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/29 D21H17/68 D21H21/20 D21H23/04 D21H25/00 D21H27/38 D21H27/40 (Advanced/Non–invention); D21F11/00 D21H17/00 D21H23/00 (Core/Invention); D21H17/00 D21H21/14 D21H25/00 D21H27/30 (Core/Non–invention)

International class (IPC 1–7): D21H17/28 D21H17/67 D21H17/69 D21H23/04 D21H27/40

CPC: D21F11/14 D21F11/145 D21H17/29 D21H17/68 D21H21/20 D21H25/005 D21H27/38 D21H27/40 D21H23/04

European class: D21F11/14 D21F11/14B D21H23/04 N21H17/29 N21H17/68 N21H21/20 N21H25/00B N21H27/38 N21H27/40

US class:

162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183

Classification Explorer

Cited documents: WO9631653 A1, WO8605530 A1, US5700352 A, US5487813 A, US5415740 A, US5405499 A, US5266622 A, US5228954 A, US5227023 A, US5185206 A, US5164046 A, US5164045 A, US5127994 A, US5068276 A, US5017268 A, US4978396 A, US4959125 A, US4954220 A, US4943349 A, US4940513 A, US4927498 A, US4925530 A, US4795530 A, US4772332 A, US4753710 A, US4637859 A, US4619734 A, US4529480 A, US4406737 A, US4308092 A, US4300981 A, US4295933 A, US4210490 A, US4191609 A, US4166001 A, US3994771 A, US3974025 A, US3823062 A, US3821068 A, US3301746 A, US3293114 A, US2216143 A, JP8056866, JP62184197 A2, JP60139898, FR8605530,

0) US2010001015A – DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL...

80) Family number: 42019829 (US2010001015A) © PatBase

Title: DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL

Priority:

CO20090084290	20090812	EP20070701110	20070112	WO2007SE00024	20070112
RU20090130731	20070112	EP20160185186	20070112		

Family:

Publication number	Publication date	Application number	Application date
AU2007342720 AA	20080717	AU20070342720	20070112
AU2007342720 BB	20130829	AU20070342720	20070112
CO6220891 A2	20101119	CO20090084290	20090812
EP2099347 A1	20090916	EP20070701110	20070112
EP2099347 A4	20150819	EP20070701110	20070112
EP2099347 B1	20170315	EP20070701110	20070112
EP3135166 A1	20170301	EP20160185186	20070112
ES2630903 T3	20170825	ES20070701110T	20070112
MX2009006377 A1	20090623	MX20090006377	20070112
RU2009130731 A	20110220	RU20090130731	20070112
RU2435512 C2	20111210	RU20090130731	20070112
US2010001015 AA	20100107	US20070522759	20070112
US8511511 BB	20130820	US20070522759	20070112
WO08085090 A1	20080717	WO2007SE00024	20070112

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): GLATZL JOACHIM ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS ; THOREN AGNETA

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; SCA HYGIENE PRODUCTS A B ; SCA HYGIENE PRODUCTS AB

Inventor(s):(std): GLATZL JOACHIM ; THOREN AGNETA ; TOREN AGNETA ; GLATTSL JOAKHIM

Inventor(s): JOACHIM GLATZL ; AGNETA THOREN ; GLATTSL' JOAKHIM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A44B18/00 A44B19/00 A47K10/36 A47K10/38 (Advanced/Invention); A44B18/00 A44B19/00 A47K10/24 (Core/Invention)

CPC:

Y10T24/25 Y10T24/27 A47K10/3818 A47K2010/3206 A47K2010/3233 A47K2010/3266 A47K10/36

European class: A47K10/38B1

US class: 221/26 221/30 221/63 24/381 24/442

Classification Explorer

Cited documents: WO8102280 A1, US7578414 BB, US6834773 BB, US6578731 BA, US5427453 A, US4138034 A, US3868052 A, US3002668 A, US2875869 A, US2664933 A, US2012256037 AA, US2011253761 AA, US2005279757 AA, US2005211717 AA, US2004251292 AA, US2004004013 AA, SE519199 C2, JP2003290074 A2, GB2244472 A1, FR2549362 A1,

0) US2001009883A – VACUUM ASSISTED APPARATUS AND METHOD

81) Family number: 28130627 (US2001009883A) © PatBase

Title: VACUUM ASSISTED APPARATUS AND METHOD

Priority:

EP20000948654	20000713	EP20040027390	20000713	US20020218917	20020813
US20010803856	20010312	US19990353474	19990713	EP20100182904	20000713
WO2000US19112	20000713				

Family:

Publication number	Publication date	Application number	Application date
AU200062124 A1	20010130	AU20000062124	20000713
AU200062124 A5	20010130	AU20000062124	20000713
BRPI0012426 A	20020521	BR2000PI12426	20000713
CA2379377 AA	20020114	CA20002379377	20000713
DE60018953 D1	20050428	DE20006018953	20000713
DE60018953 T2	20060112	DE20006018953T	20000713
DE60045397 D1	20110127	DE20006045397	20000713
DE60047553 D1	20121129	DE20006047553	20000713
EP1216143 A1	20020626	EP20000948654	20000713
EP1216143 A4	20021016	EP20000948654	20000713
EP1216143 B1	20050323	EP20000948654	20000713
EP1514677 A1	20050316	EP20040027390	20000713
EP1514677 B1	20101215	EP20040027390	20000713
EP2308672 A1	20110413	EP20100182904	20000713
EP2308672 B1	20121003	EP20100182904	20000713
EP2311631 A1	20110420	EP20100182905	20000713
ES2228291 T1	20050416	ES20000948654T	20000713
ES2228291 T3	20050901	ES20000948654T	20000713
MXPA02001357 A1	20040910	MX2002PA01357	20000713
US2001009883 AA	20010726	US20010803856	20010312
US2003045415 AA	20030306	US20020218917	20020813
US6296601 BA	20011002	US19990353474	19990713
US6431038 BB	20020813	US20010803856	20010312
WO0103913 A1	20010118	WO2000US19112	20000713

Probable Assignee: CG BRETTING MFG CO INC

Assignee(s):(std)**:** C G BRETTING MFG COM ; BRETTING C G MFG CO INC ; COUTURIER DENNIS P

Assignee(s): DENNIS P COUTURIER ; C G BRETTING MANUFACTURING CO ; C G BRETTING MANUFACTURING CO INC ; CG BRETTING MFG CO INC ; CGBRETTING MFG CO

	INC ; C G BRETTING MFG CO INC ASHLAND ; CG BRETTING MFG ; C G BRETTING MANUFACTURING COMPANY INC ; C G BRETTING MFG CO INC ; CG BRETTING MFG CO
Inventor(s):(std)	COUTURIER DENNIS P ; COUTURIER P
Inventor(s):	DENNIS PCOUTURIER ; DENNIS P COUTURIER ; COUTURIER DENNIS P WASHBURN
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
International class (IPC 8–9):	B01J21/08 B26D1/62 B26D5/02 B26D7/01 B31B1/14 B65H35/08 (Advanced/Invention)
International class (IPC 1–7):	B01J21/08 B26D1/62 B26D3/00 B26D7/01 B31B1/12 B31B1/14
CPC:	Y10T83/05 Y10T83/0515 Y10T83/4659 Y10T83/4711 Y10T83/8733 Y10T83/8748 B26D5/02 B26D1/425 B26D1/626 B26D7/018 B65H35/08 B65H2406/33 B65H2406/3612 B65H2406/3632 B65H2511/10 B65H2601/121
European class:	B26D1/62B B26D5/02 B26D7/01F B65H35/08 L26D1/42B L65H406/33 L65H406/3612 L65H406/3632 L65H511/100 L65H601/121 L65H612/100
US class:	493/123 493/123P 493/353 493/361 493/365 83/287 83/305 83/34 83/340 83/37 83/553 83/563
Classification Explorer	
Cited documents:	US940933 A, US6209867 BA, US6076442 A, US6038976 A, US5970837 A, US5957821 A, US5799692 A, US5771770 A, US5755654 A, US5653671 A, US5570620 A, US5540128 A, US5383493 A, US5351589 A, US5344519 A, US5241907 A, US5237900 A, US5226870 A, US5193581 A, US5183252 A, US5147273 A, US4949741 A, US4917665 A, US4785548 A, US4778441 A, US4762039 A, US4723390 A, US4691908 A, US4583729 A, US4550821 A, US4494741 A, US4475730 A, US4440388 A, US4390174 A, US4349185 A, US4332583 A, US4279410 A, US4277010 A, US4270744 A, US4254947 A, US4207998 A, US4202542 A, US4190242 A, US4163548 A, US4145040 A, US4070014 A, US4056057 A, US3991994 A, US3948504 A, US3834689 A, US3784187 A, US3748187 A, US3747630 A, US3709077 A, US3689061 A, US3587962 A, US3572681 A, US3533618 A, US3494175 A, US3490762 A, US3489406 A, US3466029 A, US3314340 A, US3302503 A, US3251256 A, US3247746 A, US3214162 A, US3186274 A, US3174428 A, US3174372 A, US3163413 A, US3162345 A, US3097778 A, US3069025 A, US3040777 A, US2929624 A, US2872186 A, US2867438 A, US2864176 A, US2784784 A, US2723604 A, US2631846 A, US2631845 A, US2092952 A, US2033849 A, US2030744 A, US1992179 A, US1974149 A, US1965523 A, US1886312 A, US1738354 A, US1602647 A, US1595992 A, US1566079 A, US1053914 A,

0) US2005067126A – HIGH BULK STRONG ABSORBENT SINGLE–PLY TISSUE–TO...

82) Family number: 31778935 (US2005067126A) © PatBase

Title:	HIGH BULK STRONG ABSORBENT SINGLE–PLY TISSUE–TOWEL PAPER PRODUCT
Priority:	US20030507021P 20030929 US20030507021P 20030929 US20080043589 20080306 WO2009IB50904 20090305 WO2004US32525 20040929 US20040952119 20040928

Family:

Publication number	Publication date	Application number	Application date
AU2004278002 AA	20050414	AU20040278002	20040929
CA2540659 AA	20060329	CA20042540659	20040929
CA2540659 C	20100413	CA20042540659	20040929
CA2717713 AA	20100903	CA20092717713	20090305
CL2004002519 A1	20051118	CL20040002519	20040929
CN100593050 C	20100303	CN200480027611	20040929
CN1856622 A	20061101	CN200480027611	20040929
EP1668183 A2	20060614	EP20040789501	20040929
EP2252454 A1	20101124	EP20090716602	20090305
JP2007504919 T2	20070308	JP20060526444T	20040929
MX2010009431 A1	20100914	MX20100009431	20090305
MXPA06003344 A1	20060608	MX2006PA03344	20040929
US2005067126 AA	20050331	US20040952119	20040928
US2008149286 AA	20080626	US20080043589	20080306
US7374638 BB	20080520	US20040952119	20040928
US7967950 BB	20110628	US20080043589	20080306
WO05032320 A2	20050414	WO2004US32525	20040929
WO05032320 A3	20050811	WO2004US32525	20040929
WO09109933 A1	20090911	WO2009IB50904	20090305

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PRODOEHL ELLYNE ELIZABETH ; THE PROCTER AND GAMBLE COMPANY ; WILKE II NICHOLAS JEROME ; WILKE NICHOLAS JEROME II ; HORENZIAK STEVEN ANTHONY ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s):(std)**:** JEROME HORENZIAK STEVEN ANTHON ; WILKE NICHOLAS JEROME ; WILKE NICHOLAS JEROME II ; STEVEN ANTHONY HORENZIAK ; NICHOLAS JEROME II WILKE ; JEROME WILKE NICHOLAS ; ELLYNE ELIZABETH PRODOEHL ; ELIZABETH PRODOEHL ELLYNE ; ANTHONY HORENZIAK STEVEN ; HORENZIAK STEVEN ANTHONY ; PRODOEHL ELLYNE ELIZABETH ; WILKE II NICHOLAS JEROME

Inventor(s): WILKE II NICOLAS JEROME ; WILKE NICHOLAS ; STEVEN ANTHONY ; WILKE II ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE ELIZABETH ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE ELIZABETH WILKE NICHOLAS JEROME ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE... ; NICHOLAS JEROME WILKE II ; NICOLAS JEROME ; PRODOEHL ; PRODOEHL ELLYNE ; ELLYNE ELIZABETH ; HORENSIAK ; HORENSIAK STEVEN ANTHONY ; HORENZIAK STEVEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/16 A47K7/00 B31F1/07 B31F1/20 D04H1/04 D21F11/00 D21F27/30 D21H15/02 D21H27/00 D21H27/02 D21H27/30 (Advanced/Invention); A47K10/00 B31F1/00 D21F11/00 D21H15/00 (Core/Invention)

International class (IPC 1–7): A47K10/00 D21F11/00 D21H27/02

CPC: Y10T428/24628 D21H27/02 A47K10/16 B31F1/07 B31F2201/0738 D21F11/006

European class: A47K10/16 B31F1/07 D21F11/00E D21H27/02 L31F201/07C2D3J

US class: 162/109 162/117 162/117S 264/517 264/517S 428/174 428/220

Classification Explorer

Cited documents: WO9858124 A1, WO9850481 A1, WO9508671 A1, WO9406623 A1, WO06132883 A2, WO05032320 A2, WO03072344 A1, WO03031170 A1, WO0228630 A2, WO0073053 A1, US7531062 BB, US7374638 BB, US6911573 BB, US6887349 BB, US6802937 BB,

US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6511579 BA, US6468392 BB, US6361308 BB, US6344111 BA, US6331228 BA, US6299729 BA, US6165319 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6077590 A, US6077390 A, US5904812 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5779965 A, US5686168 A, US5685954 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5436057 A, US5409572 A, US5339730 A, US5320776 A, US5294475 A, US5173351 A, US5158819 A, US4927588 A, US4921034 A, US4913911 A, US4759967 A, US4610743 A, US4326002 A, US4325773 A, US4320162 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3556907 A, US3414459 A, US2006280910 AA, US2005178513 AA, US2005098281 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US1863973 A, GB2377674 A1, GB1245280 A, EP1312466 A1, EP1232854 B1, DE1807842 A1,

0) US2013101817A – TISSUE PAPER AND METHOD OF PRODUCING TISSUE PAP...

83) Family number: 50439407 (US2013101817A) © PatBase

Title: TISSUE PAPER AND METHOD OF PRODUCING TISSUE PAPER

Priority: JP20100149655 20100630 JP20100266174 20101130 WO2010JP63006 20100802

Family:

Publication number	Publication date	Application number	Application date
CN102958414 A	20130306	CN201080067416	20100802
CN102958414 B	20160810	CN201080067416	20100802
EP2589324 A1	20130508	EP20100854119	20100802
EP2589324 A4	20150325	EP20100854119	20100802
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JP2012011170 A2	20120119	JP20100266174	20101130
JP4868620 B2	20120201	JP20100149655	20100630
JP4868622 B2	20120201	JP20100266174	20101130
KR101757505 B1	20170712	KR20127033274	20100802
KR20130098178 A	20130904	KR20127033274	20100802
TH125035 A	20130628	TH20121006619	20100802
US2013101817 AA	20130425	US20100807532	20100802
WO12001822 A1	20120105	WO2010JP63006	20100802

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** DAIO SEISHI KK ; IWASAKI MINORU

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** IWASAKI MINORU

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K7/00 B32B29/00 D21H11/02 D21H19/00 D21H19/10 D21H23/02 D21H27/00 D21H27/30 (Advanced/Invention); A47K7/00 (Core/Invention)

CPC: B32B29/005 D21H19/00 D21H27/002 D21H27/30 Y10T428/24942 A47K10/16 A47K7/00 A47K10/00 A47K10/20 A47K10/42 D21H11/02 D21H17/00 D21H17/05 D21H23/02 D21H27/00

European class: D21H27/00D D21H27/30

US class: 427/209 428/212

Classification Explorer

Cited documents: WO11080940 A1, US2011024066 AA, US2009008052 AA, US2008075760 AA, US2006243405 AA, US2005238700 AA, US2005077020 AA, US2005077020, US2004112783 AA, JP2008183127 A2, JP2008183127, JP2005113368 A2, JP2004218151 A2, EP2520206 A1, EP1464263 A1, CN1599574 A, CN101410044 A,

0) US2009117793A – TEXTILES TREATED WITH COPOLYMERS OF EPOXY COMPO...

84) Family number: 41464719 (US2009117793A) © PatBase

Title: TEXTILES TREATED WITH COPOLYMERS OF EPOXY COMPOUNDS AND AMINO SILANES HAVING ENHANCED WET–STRENGTH

Priority:

EP20080848440	20081030	EP20080848570	20081030	US20070984752P	20071102
US20080050543	20080318	US20080197367	20080825	US20070984753P	20071102
US20080741063	20081031	US20080740856	20081030	US20080297367	20080825
US20080297367	20081016	US20080740296	20081030	US20080260169	20081029
US20080741097	20081030	US20080288974	20081024	US20140261590	20140425
US20120465427	20120507	US20100741063	20100824	WO2008US12365	20081031
US20130940589	20130712	WO2008US12302	20081030	WO2007US09364	20070418
WO2008US12291	20081030	WO2008US12314	20081030		

Family:

Publication number	Publication date	Application number	Application date
AT519477 E	20110815	AT20080848570T	20081030
AU2007101182 AD	20080124	AU20070101182	20071213
AU2007101182 BD	20080807	AU20070101182	20071213
CN101909598 A	20101208	CN200880123799	20081030
CN101909598 B	20170606	CN200880123799	20081030
CN101910186 A	20101208	CN200880123801	20081031
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CN101910504 A	20101208	CN200880123798	20081030
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EP2617892 A2	20130724	EP20120007512	20081030
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EP2617893 A2	20130724	EP20120007526	20081030
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JP2011503288 T2	20110127	JP20100533077T	20081031
JP2011503376 T2	20110127	JP20100533072T	20081030
JP2011515591 T2	20110519	JP20100533073T	20081030
JP5346948 B2	20131120	JP20100533072T	20081030
JP5449179 B2	20140319	JP20100533073T	20081030
JP5656638 B2	20150121	JP20100533070T	20081030
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KR101595329 B1	20160219	KR20107009841	20081030
KR101623040 B1	20160520	KR20107009836	20081031
KR101689317 B1	20161223	KR20107009842	20081030
KR20100083165 A	20100721	KR20107009835	20081030
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KR20100087150 A	20100803	KR20107009836	20081031
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US2009117793 AA	20090507	US20080288974	20081024
US2009118421 AA	20090507	US20080050543	20080318
US2010310491 AA	20101209	US20080740296	20081030
US2011020627 AA	20110127	US20080741097	20081030
US2011021096 AA	20110127	US20080741063	20081031
US2011044934 AA	20110224	US20080740856	20081030
US2012220791 AA	20120830	US20120465427	20120507
US2013299390 AA	20131114	US20130940589	20130712
US2014235885 AA	20140821	US20140261590	20140425
US8530601 BB	20130910	US20080741063	20081031
US8642022 BB	20140204	US20080740296	20081030
US8686102 BB	20140401	US20080288974	20081024
WO09055874 A1	20090507	WO2008AU01629	20081031
WO09061360 A1	20090514	WO2008US12291	20081030
WO09061362 A2	20090514	WO2008US12302	20081030
WO09061362 A3	20090806	WO2008US12302	20081030
WO09061364 A2	20090514	WO2008US12314	20081030
WO09061364 A3	20090709	WO2008US12314	20081030
WO09061371 A2	20090514	WO2008US12365	20081031
WO09061371 A3	20090730	WO2008US12365	20081031
WO13173119 A1	20131121	WO2013US39872	20130507

Probable Assignee: MOMENTIVE PERFORMANCE MATERIALS INC

Assignee(s):(std)**:** ARMSTRONG HEATH ; IFINDER PTY LTD ; FALK BENJAMIN ; FIESCHI CORSO LARA P ; DUSSAUD ANNE ; BRIJMOHAN SMITA ; MOMENTIVE PERFORMANCE MAT INC ; KOCZO KALMAN ; PHUKAN MONJIT ; PALUMBO ANTONIO

Assignee(s): MOMENTIVE PERFORMANCE MATERIALS INC ALBANY ; MOMENTIVE PERFORMANCE MATERIALS ; MOMENTIVE PERFORMANCE MATERIALS INC ; JPMORGAN CHASE BANK NA ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; BANK OF NEW YORK MELLON TRUST CO ; BANK OF NEW YORK MELLON TRUST CO NA ; BANK OF NEW YORK MELLON TRUST CO NA COLLATERAL AGENT AS ; BANK OF NEW YORK MELLON TRUST CO NA COLLATERAL TRUSTEE AS ; BOKF NA SUCCESSOR COLLATERAL AGENT AS

Inventor(s):(std)**:** ANNE DUSSAUD ; ARMSTRONG HEATH ; BENJAMIN FALK ; BRIJMOHAN SMITA ; DUSSAUD ANNE ; FALK BENJAMIN ; FIESCHI CORSO LARA ; FIESCHI CORSO LARA

P ; KOCZO KALMAN ; PALUMBO ANTONIO ; PHUKAN MONJIT ; SMITA BRIJMOHAN

Inventor(s): HEATH ARMSTRONG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A01N25/30 A61K31/74 A61K8/00 A61K8/06 A61K8/58 A61K8/84 A61K8/86 A61K8/89 A61K8/894 A61K8/898 A61K9/00 A61Q19/00 A61Q5/00 A61Q5/06 A61Q5/12 B05D3/02 B05D3/10 B32B27/00 B32B27/04 B32B27/38 C02F1/68 C07F7/08 C07F7/10 C07F7/18 C08F136/06 C08F8/32 C08G59/14 C08G59/40 C08G65/336 C08G65/48 C08G77/04 C08G77/18 C08G77/26 C08G77/388 C08G77/46 C08G77/54 C08J3/03 C08J3/09 C08L83/04 C09D163/00 C09D171/02 C09D183/04 C09D183/08 C10G33/04 D06M11/36 D06M11/78 D06M13/10 D06M13/325 D06M15/513 D06M15/55 D06M15/643 D06M15/647 D06M15/65 G01S13/56 G01S3/02 G08C21/00 H04Q7/20 (Advanced/Invention); A61K8/89 A61K8/894 A61K8/898 A61Q5/00 C07F7/18 C08G59/14 C08G77/388 C08L83/04 D06M11/36 D06M11/78 D06M13/10 D06M13/325 D06M15/643 (Advanced/Non–invention); A61K8/72 A61Q5/00 A61Q5/06 A61Q5/12 B32B27/00 C07F7/00 C08F8/00 C08G59/00 C08G65/00 C08G77/00 C08J3/02 C08L83/00 C09D171/00 C09D183/08 D06M11/00 D06M13/00 D06M15/37 G01S13/00 G01S3/02 G08C21/00 H04Q7/20 (Core/Invention); D06M (Subclass/Invention)

CPC: G01S19/14 G01S19/34 G01S2013/466 G01S2013/468 Y10T428/249921 D06M2200/50 D06M2200/12 D06M15/65 D06M15/647 D06M15/6436 C08L83/04 C08J2383/08 C08J3/03 C08G77/54 C08G59/504 C08G59/4085 C08G59/306 A61Q5/06 A61K2800/95 C08G77/38 D06M15/513 C09D183/04 C09D163/00 C08G77/388 C08G65/336 C08G65/18 C02F2305/04 C02F2103/023 C02F1/682 A01N25/30 C07F7/1836 C08L83/06 C08K5/544 C08G77/14 A61K8/064 A61K8/06 A61Q5/12 Y10T442/20 C10G33/04 D06M2101/20 D06M15/61 C09D183/08 C08L63/00 C08G77/80 C08G77/50 C08G77/46 C08G77/26 C08G77/20 C08G77/12 C08G59/1477 C08F8/42 C08F8/32 C08C19/40 A61K8/898

European class: A61K8/06 A61K8/06B A61K8/898 A61Q5/06 A61Q5/12 C07F7/18C4B C08C19/40 C08F8/32 C08F8/42 C08G59/14K4 C08G59/30F C08G59/40B6 C08G59/50H C08G77/38 C08G77/388 C08G77/54 C08J3/03 C08L63/00 C08L83/04 C08L83/06 C09D183/08 D06M15/513 D06M15/643D D06M15/647 D06M15/65 G01S19/14 G01S19/34 K61K800/95 M08G77/12 M08G77/14 M08G77/20 M08G77/26 M08G77/46 M08G77/50 M08G77/80 M08J383/08 M08K5/544 M08L83/04 N06M200/12 N06M200/50

US class: 208/188 210/749 252/8.62 424/400 424/70.1 424/70.11 424/70.12 424/70.122 424/78.08 424/78.38 427/386 427/393.4 427/394 428/221 442/59 516/144 524/379 524/588 525/477 528/27 528/34 556/423

Classification Explorer

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0) US2002122953A – MODIFIED RUBBER–BASED ADHESIVES

85) Family number: 30274229 (US2002122953A) © PatBase

Title: MODIFIED RUBBER–BASED ADHESIVES

Priority:

US20000259037P	20001229	US20010944627	20010831	US20010944635	20010831
US20010945239	20010831	US20020260951	20020930	US20020266440	20021008
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WO2001US48241	20011211	US20060550595	20061018	US20070958237	20071217
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Family:

Publication number	Publication date	Application number	Application date
AR032075 AA	20031022	AR2001P106069	20011227
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WO02053669 A3	20030109	WO2001US48697	20011211

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE ; KIMBERLY CLARK WORLDWIDE INC ; ZHOU PEIGUANG ; BLENKE TIMOTHY J ; BLENKE TIMOTHY JAMES ; GARRETT LANCE J

Inventor(s):(std)**:** BLENKE TIMOTHY J ; GARRETT LANCE J ; GARRETT LANCE J JR ; KIMBERLY CLARK WORLDWIDE INC ; PEIGUANG ZHOU ; TIMOTHY JAMES BLENKE ; ZHOU

PEIGUANG ; ZHOU PEIGUNG ; GARRETT JR LANCE J ; BLENKE TIMOTHY JAMES

Inventor(s): BLENKE TIMOTHY ; LANCE J GARRETT ; LANCE J GARRETT JR ; LANCE J JR GARRETT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61L15/58 B32B15/04 B32B25/04 B32B27/04 B32B27/06 B32B27/08 B32B27/12 B32B27/32 B32B3/00 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08F10/00 C08F8/00 C08L23/00 C08L23/04 C08L23/06 C08L23/10 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J153/00 C09J153/02 D04H13/00 D04H3/16 (Advanced/Invention); A61L15/58 B32B37/12 C09J121/00 (Advanced/Non–invention); B32B25/00 B32B27/08 B32B27/32 B32B5/02 B32B5/04 B32B5/22 B32B7/12 C08F8/00 C08L23/00 C09J121/00 C09J123/00 C09J153/00 D04H3/16 (Core/Invention); B32B37/12 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/20 B29C31/00 B32B1/00 B32B15/08 B32B23/08 B32B25/04 B32B25/04 B32B27/00 B32B27/02 B32B27/08 B32B27/12 B32B27/30 B32B27/32 B32B3/00 B32B31/00 B32B31/08 B32B5/02 B32B5/04 B32B5/04 B32B5/06 B32B5/26 B32B9/04 B65H81/00 C08J3/00 C08K3/26 C08L15/00 C08L23/00 C08L23/04 C08L23/10 C08L25/08 C08L51/08 C08L91/08 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J123/22 C09J153/00

CPC: Y10T428/27 Y10T428/273 Y10T428/28 Y10T428/192 B32B27/32 C08L23/06 C09J123/06 C09J123/20 C09J123/16 Y10T428/31855 Y10T428/31917 Y10T428/31931 Y10T428/31938 Y10T442/681 Y10T428/31659 Y10T428/31681 Y10T428/31692 Y10T442/601 Y10T442/659 Y10T442/668 Y10T442/671 Y10T428/3188 Y10T428/31913 Y10T442/20 Y10T442/2361 Y10T442/2738 Y10T442/2746 Y10T442/277 Y10T442/2861 Y10T442/2893 Y10T442/291 Y10T442/2918 Y10T442/3667 Y10T442/3707 Y10T442/3854 Y10T442/60 Y10T442/66 Y10T442/674 Y10T442/2754 Y10T442/2787 B32B5/02 B32B25/04 B32B37/12 B32B2307/51 C08L23/10 C08L2205/02 C08L2207/14 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/142 C09J153/02 B32B5/022 B32B5/024 B32B2305/188 B32B2323/043 B32B2323/10 B32B2325/00 B32B2437/00 B32B2555/02 B32B2323/04 B32B2375/00 B32B7/12 B32B5/04 B32B5/26 B32B2037/1215 B32B2305/20 C09J153/00

European class: B32B25/04 B32B27/32 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08L23/06 C08L23/10 C09J123/02 C09J123/06 C09J123/10 C09J123/12 C09J123/14 C09J123/14A C09J123/16 C09J123/20 C09J153/00 C09J153/02 L32B305/20 L32B307/510 L32B31/00A8B L32B37/12 L32B37/12B2 M08L205/02 M08L207/14 M08L23/06 M08L23/10

US class: 156/161 156/161S 156/164 156/164S 156/229 156/229S 156/289 156/292 156/327 156/334 156/358 428/340 428/340P 428/341 428/341S 428/343 428/445 428/458 428/461 428/500 428/500P 428/500S 428/507 428/507S 428/516 428/516S 428/517 428/517P 428/521 428/521S 428/523 428/523P 428/523S 428/58 442/103 442/149 442/150 442/151 442/153 442/155 442/164 442/168 442/170 442/171 442/263 442/268 442/286 442/327 442/327P 442/328 442/381 442/382 442/389 442/392 442/394 442/401 442/59 442/59P 523/111 523/176 524/425 524/477 524/478 524/584 524/584S 525/191 525/24 525/240 525/240P 525/240S 525/241 525/241S 525/35 525/55 525/55S 525/63 525/63S 604/366 604/366P 604/367 604/37 604/370 604/370S 604/372 604/374 604/385.22 604/385.220S 604/385.24 604/385.240S

Classification Explorer

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0) US2013056484A – INSULATED CUP AND A COVER SHEET THEREFOR

86) Family number: 49007297 (US2013056484A) © PatBase

Title: INSULATED CUP AND A COVER SHEET THEREFOR

Priority: WO2009EP65856 20091125

Family:

Publication number	Publication date	Application number	Application date
EP2531417 A1	20121212	EP20090764775	20091125
US2013056484 AA	20130307	US20090637543	20091125
WO11063836 A1	20110603	WO2009EP65856	20091125

Probable Assignee: HANPAK LTD

Assignee(s):(std)**:** DUGGAN KENNETH ; HANPAK LTD ; LU WEI

Assignee(s): HANPAK LIMITED

Inventor(s):(std)**:** DUGGAN KENNETH ; LU WEI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN

ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31B49/00 B65D25/22 B65D65/40 B65D81/38 (Advanced/Invention)

CPC: Y02W30/801 B65D65/40 B65D81/3865 B65D81/3869 B65D81/3876 B65D81/3886

European class: B65D65/40 B65D81/38H B65D81/38H2 B65D81/38K B65D81/38K4

US class: 220/739 493/374

Classification Explorer

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0) US2012160400A – METHOD OF INDIRECT APPLICATION OF FROTHED CHEMI...

87) Family number: 51344701 (US2012160400A)

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Title: METHOD OF INDIRECT APPLICATION OF FROTHED CHEMISTRY TO A SUBSTRATE

Priority:

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US20110330440	20111219	US20110330504	20111219	US20120461536	20120501
US20120481366	20120525	WO2011IB55867	20111221	WO2011IB55865	20111221
US20120718709	20121218	US20130106101	20131213	US20130109632	20131217
WO2013IB52826	20130409	US20140575502	20141218	WO2013IB60305	20131121
WO2014IB66598	20141204	WO2014IB66600	20141204		

Family:

Publication number	Publication date	Application number	Application date
AU2011350703 AA	20120705	AU20110350703	20111221
AU2011350704 AA	20120705	AU20110350704	20111221
AU2013264859 AA	20131128	AU20130264859	20130409
AU2013264859 BB	20160526	AU20130264859	20130409
AU2013365884 AA	20140626	AU20130365884	20131121
AU2014363016 AA	20150618	AU20140363016	20141204
AU2014369303 AA	20150625	AU20140369303	20141204
AU2017202144 AA	20170420	AU20170202144	20170331
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BR112013016534 A2	20160920	BR20131116534	20111221
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CN104349796 B	20170811	CN201380027492	20130409
CN104884703 A	20150902	CN201380063287	20131121
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WO12090129 A3	20121115	WO2011IB55865	20111221
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WO15092596 A1	20150625	WO2014IB66600	20141204

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** ABUTO FRANK P ; CALEWARTS DEBORAH J ; CALEWARTS DEBORAH JOY ; CAMPBELL STEPHEN M ; DAY JENNY L ; KIMBERLY CLARK WORLDWIDE INC ; JURENA JEFFREY F ; DESAI KEYUR M ; JERENA JEFFREY F ; KIMBERLY CLARK CO ; JACKSON DAVID M ; KIMBERLY CLARK CORP ; KIMBERLY CLARK CO LTD ; KIMBERLI KLARK VORLDVAJD INK ; QIN JIAN ; WALDROUP DONALD E

Assignee(s): KIMBERY CLARK WORLDWIDE INC

Inventor(s):(std)**:** ABUTO FRANCIS P ; ABUTO FRANK P ; ABUTO FRANK PAUL ; ABUTO FRENK P ; ABUTO FRENSIS P ; BIGGS DAVID G ; DAVID G BIGGS ; DEBORAH JOY CALEWARTS ; DEJ DZHENNI L ; DESAJ KEYUR M ; DONALD EUGENE WALDROUP ; DZHURENA DZHEFFRI F ; FAULKS MICHAEL J ; KHAMMONDS IVETT L ; KRAUTKRAMER CANDACE D ; KRAUTKREMER KENDASI D ; LOJD EDRIENN R ; LOYD ADRIENNE R ; MICHAEL J FAULKS ; RAY A STERLING ; SHAWVER SUSAN E ; SHOUVER SYUZAN E ; TSIN TSZYAN ; UOLDROUP DONALD E ; UOLDRUP DONALD E ; VIRGINIA LEE DAY ; WALDROUP DONALD EUGENE ; HAMMONDS YVETTE L ; JABLONS DAVID M ; JIAN QIN ; KEJLUORTS DEBORA DZH ; KEYUR DESAI ; DAY JENNY L ; DAY VIRGINIA LEE ; STERLING RAY A ; JERENA JEFFREY F ; HAM MONDS YVETTE L ; FRANK PAUL ABUTO ; DESAI KEYUR ; CAMPBELL STEPHEN M ; CALEWARTS DEBORAH JOY ; CALEWARTS DEBORAH ; CALE WARTS DEBORAH J ; WALDROUP DONALD E ; QIN JIAN ; JURENA JEFFREY F ; JACKSON DAVID M ; DESAI KEYUR M ; CALEWARTS DEBORAH J ; DAY JENNY

Inventor(s): CANDACE D KRAUTKRAMER ; ADRIENNE R LOYD ; DEBORAH CALEWARTS ; FRANCIS P ABUTO ; JENNY DAY ; DEBORAH J CALEWARTS ; KEYUR M DESAI ; JEFFREY F JURENA ; JENNY L DAY ; YVETTE L HAMMONDS ; SUSAN E SHAWVER ; FRANK P ABUTO ; DONALD E WALDROUP ; DAVID M JABLONS ; DAVID M JACKSON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/51 A61F13/514 A61F13/53 A61F13/84 A61K8/02 A61K8/04 A61K9/70 A61L15/22 A61L15/26 A61L15/42 A61L15/44 A61L15/46 B31F1/12 B32B27/12 B32B29/06 B32B3/10 B32B37/02 B32B37/12 B32B37/14 B32B38/00 B32B38/10 B32B5/02 B32B5/20 B32B5/24 D01F1/10 D04H1/413 D04H1/425 D04H1/4258 D04H1/4291 D04H1/4382 D04H1/46 D04H1/492 D04H1/498 D04H1/56 D04H1/587 D04H1/64 D04H1/68 D04H1/72 D04H1/74 D04H1/76 D04H11/00 D04H13/00 D04H3/08 D04H3/16 D04H5/03 D06M14/02 D06M15/21 D06M15/227 D06M15/263 D06M15/59 D06M17/00 D06M23/06 D06M23/12 D21F11/00 D21H21/14 (Advanced/Invention)

CPC: D04H5/03 D04H1/68 B32B5/02 B32B5/26 B32B7/04 B32B2250/02 B32B2262/0223 B32B2262/0269 B32B2262/04 B32B2262/062 B32B2262/067 A61F13/8405 B32B37/12 B32B38/145 B32B2305/20 B32B2307/51 B32B2307/75 B32B2555/00 D04H13/007 A61F13/51113 A61F13/51405 B31F1/14 D04H11/00 D04H3/08 D21F11/002 A61K8/8111 A61Q19/00 A61Q19/10 A61K8/39 A61K8/96 D06M23/12 D04H1/4326 D04H1/488 D04H1/552 D04H1/413 D04H1/72 A61K9/70 A61L15/24 A61F13/472 A61F13/49 A61F13/5116 A61F13/513 A61F13/52 A61F13/537 A61F13/53743 A61F2013/51059 A61F2013/51061 A61F2013/51117 A61F2013/51186 A61F2013/51338 A61F13/51121 D06M15/227 D06M15/263 D21H27/002 D21H27/005 A61K8/0208 A61K8/025 A61K8/027 A61K8/046 A61K2800/412 B32B5/022 B32B5/20 B32B2555/02 A61L15/22 A61F13/15 A61F13/51 A61F13/53 B32B3/10 D04H1/64 Y10T428/24446 Y10T428/24455 Y10T442/674 Y10T428/249924 Y10T442/681 Y10T442/689 Y10T428/23929 Y10T442/20 Y10T442/2139 Y10T442/277 D21H21/146 B31F1/12 D06M15/59 D10B2509/026 B32B5/245 A61F13/51401 D04H1/56 D04H1/587 B32B2262/0253 B32B2307/726 D04H3/16 D06M23/06 D06M15/233 D06M23/04 D06N3/0029 D06N3/0047 D06N2205/023 D06N2205/045 D04H1/76 D04H1/4291 D04H13/00 D06M13/17 D06N3/0045 D04H1/74 D06M15/21

European class: B31F1/14 B32B5/02 B32B5/02A B32B5/20 B32B5/24A B32B5/26 B32B7/04 D04H1/68 D04H5/03 L32B250/02 L32B262/02D L32B262/02J1 L32B262/04 L32B262/06A L32B262/06A2 L32B555/02

US class: 156/183 156/231 156/247 156/247S 162/111 424/402 424/402P 428/152 428/152S 428/153 428/153S 428/292.1 428/88 442/153 442/153S 442/394 442/394S 442/401 442/408 442/59 442/59S 442/76 442/76P 604/359 604/360 604/367

Classification Explorer

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US6511734 BA, US6395088 BA, US6383960 BA, US6261679 BA, US6241713 BA, US6187138 BA, US5942085 A, US5843058 A, US5704101 A, US5700352 A, US5611890 A, US5527171 A, US5494744 A, US5429840 A, US5389202 A, US5382400 A, US4940513 A, US4755421 A, US4655056 A, US4640810 A, US4620983 A, US4559162 A, US4494278 A, US4488928 A, US4483894 A, US4448818 A, US4422892 A, US4402200 A, US4375448 A, US4364784 A, US4353993 A, US4276339 A, US4237818 A, US3926716 A, US3865078 A, US3810280 A, US3484839 A, US3188372 A, US2897109 A, US2014102650 AA, US2014099469 AA, US2013157012 AA, US2013129993 AA, US2012289917 AA, US2012164206 AA, US2012164200 AA, US2012028004 AA, US2010236735 AA, US2010227520 AA, US2010222761 AA, US2010203293 AA, US2010159200 AA, US2010155004 AA, US2010036024 AA, US2009088037 AA, US2008295985 AA, US2008233069 AA, US2008216977 AA, US2008200891 AA, US2008176968 AA, US2008128101 AA, US2008076844 AA, US2008073045 AA, US2008041543 AA, US2008009586 AA, US2007284069 AA, US2007197117 AA, US2007154524 AA, US2007137810 AA, US2007044930 AA, US2007010156 AA, US2006234586 AA, US2006211781 AA, US2006189240 AA, US2006148917 AA, US2006135932 AA, US2006124261 AA, US2006102071 AA, US2006003150 AA, US2005153123 AA, US2005136776 AA, US2005136242 AA, US2005112980 AA, US2005020170 AA, US2004143046 AA, US2004140076 AA, US2004121121 AA, US2004099388 AA, US2004052746 AA, US2004049166 AA, US2003104748 AA, US2002040210 AA, US2001024716 AA, RU2010135785 A, JP8260327 A2, JP4135675 A2, JP2005193693 A2, GB934071 A, GB758745 A, EP1619016 A1, DE3121168 A1, DE2063961 A1, CN1842561 A, CN1589345 A, CN1538832 A, CN1538829 A, CN1450885 A, CN1163642 A,

0) US2006247595A – PULL–ON DISPOSABLE WEARING ARTICLE

88) Family number: 33585801 (US2006247595A)

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Title: PULL–ON DISPOSABLE WEARING ARTICLE

Priority: EP20060745419 20060418 JP20050129994 20050427 WO2006JP308137 20060418 WO2006JP08137 20060418

Family:

Publication number	Publication date	Application number	Application date
AT554737 E	20120515	AT20060745419T	20060418
CN101166496 A	20080423	CN200680014263	20060418
CN101166496 B	20120613	CN200680014263	20060418
DE602006029083 D1	20120621	DE200660029083T	20060418
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US7497852 BB	20090303	US20060380321	20060426
WO06118024 A1	20061109	WO2006JP308137	20060418

Probable Assignee: UNI CHARM CORP

Assignee(s):(std)**:** JUNI CHARM CORP ; KAWAKAMI YUSUKE ; UNI CHARM CORP ; UNICHARM CORP ; UNI CHARM LTD

Assignee(s): UNI CHARM CORP SHIKOKUCHUO ; UNI CHARM CO LTD ; JUNI CHARM KORPOREJSHN

Inventor(s):(std)**:** KAVAKAMI JUSUKE ; KAWAKAMI YUSUKE ; YUSUKE KAWAKAMI

Inventor(s): KAWAKAMI YUSUKE TECHNICAL CENTER UNI CHARM CO ; KAWAKAMI YUSUKETECHNICAL CENTER UNI CHARM CO KANONJI SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/496 A61F13/56 A61F13/58 (Advanced/Invention); A61F13/49 A61F13/496 A61F13/56 (Advanced/Non–invention); A61F13/15 A61F13/56 (Core/Invention); A61F (Subclass/Invention)

International class (IPC 1–7): A61F13/58

CPC: A61F13/622 A61F13/565

European class: A61F13/56C A61F13/62

US class: 604/385.11 604/387 604/390 604/391 604/395 604/396

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0) US2006276367A – METHOD OF NEUTRALIZING A STAIN ON A SURFACE

89) Family number: 33979978 (US2006276367A)

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Title: METHOD OF NEUTRALIZING A STAIN ON A SURFACE

Priority:

CA20092665976	20090513	CA20092665978	20090513	US20060447439	20060606
US20050687953P	20050607	CA20102708071	20100622	CA20092669711	20090619
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US20080152322	20080504	US20060447787	20060606	US20080166933	20080702
US20080317633	20081223	WO2006US21884	20060606	WO2006US21848	20060606
WO2006US21885	20060606	US20090491000	20090624	US20090645320	20091222
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US20080152405	20080514	US20100914019	20101028	US20110102659	20110506
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WO2012US36487	20120504				

Family:

Publication number	Publication date	Application number	Application date
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CA2610962 AA	20071205	CA20062610962	20060606
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CA2610993 C	20130416	CA20062610993	20060606
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JP2009503125 T2	20090129	JP20080515822T	20060606
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MX2007015452 A1	20080219	MX20070015452	20060606
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US2006288499 AA	20061228	US20060447439	20060606
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US2008282642 AA	20081120	US20080152322	20080514
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WO12154547 A1	20121115	WO2012US36487	20120504

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s):(std)**:** BULLIS DANIEL R JR ; CARLSEN RUSSELL O ; CLARK PAUL A ; MINOR ERIC J ; KIMBALL JAMES F ; RODENKIRCH DOUGLAS S ; JOHNSON AND SON INC S C ; NAHM STEVEN H ; FRAZEE GLENN R ; HINKFUSS CATHY A ; BAKKEN TODD J ; BASS BENJAMIN A ; LOCHHEAD ROBERT Y ; SANTAGA MARCIA L ; SHAH KETAN N ; ZAINIEV GAFUR ; SCHWARTZ RUSSELL J ; YERRAMILLI KAMESHWER RAO ; SHIFFLER BENJAMIN N ; ROZEK THERESE A

Assignee(s): SCJOHNSON AND SON INC ; SUN CHEMICAL CORP ; SC JOHNSON AND SON INC ; S C JOHNSON AND SON INC ; IDEATION INT INC ; ROBERT LOCHHEAD CONSULTING LLC ; BULLIS DANIEL R ; DESIGN CONCEPTS INC ; IDEATION INT

Inventor(s):(std)**:** BAKKEN TODD J ; BULLIS DANIEL R JR ; BULLIS JR DANIEL R ; HINKFUSS CATHY A ; KIMBALL JAMES F ; MINOR ERIC J ; YERRAMILLI KAMESHWER RAO ; ZAINIEV GAFUR ; SHIFFLER BENJAMIN N ; SCHWARTZ RUSSELL J ; ROZEK THERESE A ; NAHM STEVEN H ; LOCHHEAD ROBERT Y ; FRAZEE GLENN R ; CLARK PAUL A ;

CARLSON RUSSELL O ; CARLSEN RUSSELL O ; BASS BENJAMIN A ; RODENKIRCH DOUGLAS S ; SANTAGA MARCIA L ; SHAH KETAN N

Inventor(s): TODD J BAKKEN ; BAKKEN TODD ; SHAH KETAN ; SANTAGA MARCIA ; DANIEL R BULLIS JR ; RODENKIRCH DOUGLAS ; MARCIA L SANTAGA ; MINOR ERIC ; JAMES F KIMBALL ; KETAN N SHAH ; KIMBALL JAMES ; DANIEL R JR BULLIS ; DOUGLAS S RODENKIRCH ; ERIC J MINOR ; GAFUR ZAINIEV ; BULLIS DANIEL RJR ; BULLIS DANIEL ; BULLIS DANIEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01K1/015 A61L9/01 B05C1/00 B05C17/06 B05C17/08 B05D1/02 B05D1/32 B05D1/36 B05D3/00 B05D3/02 B05D3/06 B05D3/10 B05D3/12 B05D3/14 B05D5/00 B05D5/06 B05D7/00 B08B5/04 B08B7/00 B22F1/00 B29C65/00 B29C71/04 B31B1/60 B32B15/04 B32B3/10 B32B37/00 B32B37/02 B32B5/16 B32B7/12 B32B9/04 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M5/025 B41M5/03 B41M5/035 B41M5/04 B41M5/382 B41M7/00 B41N1/24 B44C1/00 B44C1/20 B44D5/00 B65D90/00 C08K13/00 C08K5/05 C08K5/06 C08L101/00 C08L21/00 C08L63/00 C09B67/00 C09B67/06 C09B67/20 C09B67/40 C09D101/00 C09D109/06 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/06 C09D125/08 C09D125/14 C09D133/00 C09D133/02 C09D133/04 C09D133/08 C09D163/00 C09D167/00 C09D167/06 C09D169/00 C09D175/04 C09D177/00 C09D179/08 C09D181/00 C09D181/06 C09D183/04 C09D191/00 C09D191/06 C09D201/00 C09D5/00 C09D5/02 C09D5/14 C09D7/00 C09D7/12 C09K3/30 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 C11D3/40 D06L3/00 D06M15/507 D06M15/643 D06M23/08 D06P1/44 D06P1/52 D06P1/54 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/08 D06P5/20 D06Q1/02 D06Q1/10 E04G23/00 (Advanced/Invention);
B05C17/00 B05D1/02 B05D1/32 B05D3/00 B05D3/02 B05D3/10 B05D3/12 B05D5/00 B05D5/06 B08B5/00 B08B7/00 B29C71/00 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M7/00 B41N1/24 B44C1/00 B44D5/00 C08K5/00 C08L101/00 C09B67/00 C09D109/00 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/00 C09D133/04 C09D163/00 C09D167/00 C09D167/06 C09D175/04 C09D191/00 C09D201/00 C09D5/00 C09D7/12 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 D06L3/00 D06M23/08 D06P1/44 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/20 E04G23/00 (Core/Invention)

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US class: 101/127 101/128.21 101/128.210 101/128.210P 101/128.210S 106/15.05 106/15.050S 106/162.1 106/162.100S 106/163.01 106/163.010S 106/18.29 106/18.290S 106/243 106/243S 106/270 106/270S 106/285 106/285S 106/287.26 106/287.260S 106/31.13 106/31.130S 106/31.4 106/31.6 106/31.65 118/200 118/200S 134/4 134/4P 134/4S 15/104.001 15/104.001S 156/305 156/306.3 156/60 156/60S 206/524.6 206/524.600S 252/8.61 252/8.610S 424/76.1 424/76.100P 427/210 427/258 427/258P 427/288 427/288S 427/292 427/299 427/299S 427/331 427/331S 427/337 427/337S 427/372.2 427/372.200S 427/386 427/386S 427/402 427/407.1 427/407.100P 427/458 427/458P

427/501 427/513 427/514 427/532 427/532S 427/547 427/547S 427/553 427/553S 427/8 427/8P 428/195.1 428/195.100S 428/201 428/204 428/206 428/206S 428/221 428/32.6 428/32.600S 428/32.69 428/32.690S 428/32.75 428/32.750S 428/32.86 428/32.860S 428/323 428/326 428/327 428/343 428/354 428/411.1 428/411.100S 428/423.1 428/480 428/521 428/523 510/240 510/242 510/278 510/356 510/356S 510/404 510/438 52/309.1 52/309.100S 52/311.1 52/311.100S 52/741.4 52/741.400P 521/117 521/117S 523/122 523/122S 523/221 523/348 523/400 523/400S 523/409 524/1 524/199 524/199S 524/35 524/35P 524/377 524/377S 524/386 524/386S 524/445 524/445S 524/543 524/543S 524/556 524/556S 524/577 524/577S 524/588 524/588S 524/589 524/589S 524/599 524/599S 524/606 524/606S 524/609 524/609S 524/612 524/612S 525/163 8/142 8/441 8/441P 8/550 8/550P 8/552 8/552P 8/552S 8/553 8/553P 8/558 8/561 8/561S 8/562 8/562P 8/611 8/611S

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0) US5018625A – FOIL PACK FOR PAPER TISSUES

90) Family number: 3711425 (US5018625A) © PatBase

Title: FOIL PACK FOR PAPER TISSUES

Priority: CA19902012962 19900323 DE19893911779 19890411 DE19905006662 19900321

Family:

Publication number	Publication date	Application number	Application date
AT109421 E	19940815	AT19900105315T	19900321
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CA2012962 AA	19901011	CA19902012962	19900323
CA2012962 C	19940712	CA19902012962	19900323
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ES2057230 T3	19941016	ES19900105315T	19900321
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JP2296686 A2	19901207	JP19900094913	19900410
JP2515031 B2	19960710	JP19900094913	19900410
US5018625 A	19910528	US19900501918	19900328

Probable Assignee: FOCKE AND CO GMBH AND CO

Assignee(s):(std)**:** FOCKE AND CO

Assignee(s): FOCKE AND CO (GMBH AND CO) SIEMENSSTR 10 D 2810 VERDEN WEST GERMANY ; FOCKE AND CO AND CO GMBH ; FOCKE AND CO G M B H AND CO ; FOCKE AND CO GMBH AND CO ; FOCKE AND CO GMBH AND CO 2810 VERDEN DE ; FOCKE AND CO GMBH AND CO 27283 VERDEN DE ; LIEDTKE KURT ; FOCKE HEINZ ; FOCKE AND CO GMBH AND CO SIEMENSSTR 10 D 2810 VERDEN WEST GERMANY

Inventor(s):(std)**:** FOCKE HEINZ ; HAINTSU FUOTSUKE ; KURUTO RIITOKE ; LIEDTKE KURT

Inventor(s):

LIEDTKE KURT D 2810 VERDEN DE ; FOCKE HEINZ D 2810 VERDEN DE ; LIEDTKE KURT 2810 VERDEN DE ; HEINZ FOCKE ; KURT LIEDTKE

Designated states: AT CH DE ES FR GB IT LI NL SE

International class (IPC 8–9): B65D5/54 B65D5/70 B65D65/32 B65D75/58 B65D83/08 (Advanced/Invention); B65D5/54 B65D65/22 B65D75/52 B65D83/08 (Core/Invention)

International class (IPC 1–7): B43M7/00 B65B25/14 B65D33/16 B65D5/54 B65D5/70 B65D65/32 B65D75/58 B65D83/08

CPC: Y10S229/924 B65D75/5838 B65D83/0847

European class: B65D75/58E1A B65D83/08D

US class: 206/494 206/621 206/622 206/628 229/87.05 229/924 383/207

Classification Explorer

Cited documents: US4934535 A, US4811848 A, US4566607 A, US4192420 A, US4062486 A, US3301391 A, US3266055 A, US3201258 A, JPS5852172 U, JPS4918843 U, JPS3625064 Y1, JP58052172 U1, JP49018843 U, JP36025064 Y1, FR2458480 A1, EP0298054 A2, EP0030601 A1, EP0030348 A1, DE8901535 U, DE8901535, DE8708274 U, DE8708274, DE3612710 C1, DE3612710 A1, DE3542999 A1, DE3500545 A1, CH667061,

0) US5048718A – DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACT...

91) Family number: 30871214 (US5048718A) © PatBase

Title: DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACTURING THE SAME AND AN APPARATUS THEREFOR

Priority:

JP19880283500	19881109	JP19890038549	19890217	JP19890288139	19891106
SG19950090532	19950322	US19910705519	19910524	US19890433514	19891108

Family:

Publication number	Publication date	Application number	Application date
AT117265 E	19950215	AT19890120592T	19891107
AU198944555 A1	19900531	AU19890044555	19891109
AU609648 B2	19910502	AU19890044555	19891109
CA2002538 AA	19900509	CA19892002538	19891108
CA2002538 C	19941101	CA19892002538	19891108
DE68920701 D1	19950302	DE19896020701	19891107
DE68920701 T2	19950608	DE19896020701T	19891107
EP0368240 A1	19900516	EP19890120592	19891107
EP0368240 B1	19950118	EP19890120592	19891107
ES2066825 T3	19950316	ES19890120592T	19891107
HK80295 A	19950601	HK19950000802	19950525
JP2103776 C3	19961022	JP19890288139	19891106
JP3000664 A2	19910107	JP19890288139	19891106
JP8009395 B4	19960131	JP19890288139	19891106
KR930008918 B1	19930917	KR19890016211	19891109
SG28367 G	19950901	SG19950905329	19891107
SG9590532 A2	19950901	SG19950090532	19950322
US5048718 A	19910917	US19890433514	19891108
US5161350 A	19921110	US19910705519	19910524

Probable Assignee: KENNAK U S A INC

Assignee(s):(std): KENNAK U S A INC ; NAKAMURA KENJI

Assignee(s):	NAKAMURA KENJI OSAKA JP ; KENNAK USA INC ; KENJI NAKAMURA
Inventor(s):(std)	NAKAMURA KENJI ; KENJI NAKAMURA
Inventor(s):	NAKAMURA KENJI OSAKA JP
Designated states:	AT BE CH DE ES FR GB GR IT LI LU NL SE
International class (IPC 8–9):	B65B9/06 B65B9/067 B65B9/073 B65D75/46 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 (Advanced/Invention); B65B9/06 B65D75/00 B65D75/52 B65D81/32 (Core/Invention)
International class (IPC 1–7):	A47K10/32 B65B11/00 B65B25/14 B65B41/00 B65B43/00 B65B61/18 B65B9/02 B65B9/06 B65B9/10 B65D25/12 B65D30/22 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 B65H1/00
CPC:	B65B9/073 B65D75/46 B65D75/5838 B65D81/3261 B65B9/067 B65B25/145 B65B61/02 B65B61/184
European class:	B65B25/14C B65B61/02 B65B61/18C B65B9/067 B65B9/073 B65D75/46 B65D75/58E1A B65D81/32H
US class:	206/233 221/35 221/63 53/133.4 53/133.8 53/171 53/412 53/449 53/450 53/462 53/474 53/550 53/553
Classification Explorer	
Cited documents:	US4995217 A, US4840270 A, US4739879 A, US4653250 A, US4651874 A, US4616470 A, US4538396 A, US4185754 A, US3940905 A, US3940904 A, US3653502 A, US3338019 A, US2952398 A, US2917164 A, US2008659 A, JPS61203305, JPS61144076 U, JP61203305 A2, JP61144076 U1, JP1308739 A2, GB592195 A, EP0251103 A1, EP0250815 A1, EP0193130 A2, DE33125 A, DE2439511 A1, AU555436 B2, AU536262 B2, AU515834 B2,

0) US6548136B – PERFORATED SHEET OF MATERIAL

92) Family number: 11599362 (US6548136B)

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Title:	PERFORATED SHEET OF MATERIAL
Priority:	EP19980101890 19990129 EP19990101890 19990129 US20010890093 20010924 WO2000US01388 20000120

Family:

Publication number	Publication date	Application number	Application date
AU200029690 A1	20000818	AU20000029690	20000120
AU200029690 A5	20000818	AU20000029690D	20000120
BRPI0007849 A	20011023	BR2000PI07849	20000120
CA2360526 AA	20010711	CA20002360526	20000120
CA2360526 C	20040504	CA20002360526	20000120
CL2000000194 A1	20001214	CL20000000194	20000128
CO5160282 A1	20020530	CO20000003683	20000124
EP1023863 A1	20000802	EP19990101890	19990129
JP2002535060 T2	20021022	JP20000595577T	20000120
JP3868743 B2	20070117	JP20000595577T	20000120
PE00212001 A1	20010216	PE20000000064	20000127
TR200102164 T2	20020621	TR20000002164T	20000120
US6548136 BA	20030415	US20010890093	20010924
WO0044270 A1	20000803	WO2000US01388	20000120
ZA200105837 A	20021016	ZA20010005837	20010716

Probable Assignee:	PROCTER AND GAMBLE CO
Assignee(s):(std)	

	PICCINI ANDREA ; PROCTER AND GAMBLE ; PUCCI MAURIZIO ; SIRIANNI GIUSEPPE
Assignee(s):	THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO
Inventor(s):(std)	PICCINI ANDREA ; PUCCI MAURIZIO ; SIRIANNI GIUSEPPE
Inventor(s):	ANDREA PICCINI ; GIUSEPPE SIRIANNI ; MAURIZIO PUCCI
Designated states:	AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
International class (IPC 8–9):	A47K10/16 A47K10/32 A47K7/00 A47K7/02 A47L13/16 (Advanced/Invention); A47K10/32 A47K7/02 (Advanced/Non–invention); A47K10/00 A47K7/00 A47K7/02 A47L13/16 (Core/Invention); A47K10/24 (Core/Non–invention)
International class (IPC 1–7):	A47K A47K10/16 A47K7/02 A47L13/16 B32B3/10
CPC:	A47K10/16 A47K2010/3266 Y10T428/15 Y10T428/24314
European class:	A47K10/16 K47K10/32W
US class:	428/136 428/43
Classification Explorer	
Cited documents:	US5704566 A, US5562964 A, US5562964, US4704233 A, US3929678 A, US3812044 A, US2702279 A, US2255082 A, US2082275 A, JP6031896 U, GB426244 A, GB426244, GB1082179 A, EP0328355 A2, DE2706234 A1,

0) US2013221150A – REWINDING MACHINE AND METHOD FOR THE PRODUCTION...

93) Family number: 50832860 (US2013221150A) © PatBase

Title:	REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL
Priority:	EP20110767803 20110915 IT2010FI00205 20100928 WO2011IT00320 20110915 US20130261620 20130408 US20150947108 20151120 JP20130530860T 20110915

Family:

Publication number	Publication date	Application number	Application date
AU2011310449 AA	20120405	AU20110310449	20110915
AU2011310449 BB	20160505	AU20110310449	20110915
BR112013007155 A2	20160614	BR20131107155	20110915
CA2812695 AA	20130322	CA20112812695	20110915
CN103153829 A	20130612	CN201180047193	20110915
CN103153829 B	20160427	CN201180047193	20110915
EP2621844 A1	20130807	EP20110767803	20110915
EP3009382 A2	20160420	EP20150191734	20110915
EP3009382 A3	20160608	EP20150191734	20110915
IL225367 A0	20130627	IL20110225367	20110915
IN02276CN2013 A	20141010	IN2013CN02276	20130321
IT1401881 B1	20130828	IT2010FI00205	20100928
ITFI20100205 A1	20120329	IT2010FI00205	20100928
JP2013539739 T2	20131028	JP20130530860T	20110915
JP2016047772 A2	20160407	JP20150236769	20151203
JP5933564 B2	20160615	JP20130530860T	20110915

KR101760544 B1	20170721	KR20137007466	20110915
KR20140025297 A	20140304	KR20137007466	20110915
MX2013003550 A1	20130624	MX20130003550	20110915
MX339152 B	20160513	MX20130003550	20110915
RU2013119645 A	20141110	RU20130119645	20110915
RU2567202 C2	20151110	RU20130119645	20110915
US2013221150 AA	20130829	US20110261620	20110915
US2016075530 AA	20160317	US20150947108	20151120
US9352920 BB	20160531	US20110261620	20110915
US9701505 BB	20170711	US20150947108	20151120
WO12042549 A1	20120405	WO2011IT00320	20110915
ZA201301771 A	20150624	ZA20130001771	20130308

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** FRANCO MONTAGNANI ; MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; ROBERTO MORELLI ; ROMANO MADDALENI ; MONTAN JANI FRANKO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 (Advanced/Invention) ; B65H (Subclass/Invention)

CPC: B65H19/2269 B65H19/283 B65H19/305 B65H2301/41812 B65H2301/41814 B65H2408/235 B65H2404/42 B65H2301/4143 B65H2301/41447 B65H2301/418 B65H19/267 B65H2301/41361 B65H2513/104 B65H19/26 B65H18/20

European class: B65H19/26C L65H408/236

US class: 1/1 242/521 242/522

Classification Explorer

Cited documents: US7775476 BB, US7494086 BB, US7318562 BB, US6948677 BB, US6648266 BA, US6098916 A, US5979818 A, US5964389 A, US5964389, US5810280 A, US5810280, US4783015 A, US2010043613 AA, US2009302146 AA, US2009302146, US2007176039 AA, US2002179768 AA, RU2169691, JP58216854 A2, JP58152750 A2, JP57077147 A2, JP5652345, JP56052345 A2, JP4317945 A2, JP2007290869 A2, JP2007290869, EP1982939 A1, EP1262434 A2, EP01982939, CN1867505 A,

0) US2002127369A – PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

94) Family number: 30116927 (US2002127369A)

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Title: PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

Priority:

US20000677663	20001002	US20020075020	20020212	US20030361969	20030211
US20030361972	20030211	US20030364491	20030211	US20030364580	20030211
US20030364239	20030211	US20030455568	20030605	US20030364601	20030211
US20030364581	20030211	US20030364579	20030211	US20040863132	20040608
WO2001US30206	20010927	WO2003US03957	20030211		

Family:

Publication number	Publication date	Application number	Application date
AR030833 AA	20030903	AR2001P104639	20011002
AR038504 AA	20050119	AR2003P100453	20030212
AU2001293134 AA	20020415	AU20010293134	20010927
AU200193134 A1	20020415	AU20010093134	20010927
AU200193134 A5	20020415	AU20010093134	20010927
AU2003209099 AA	20030904	AU20030209099	20030211
BRPI0114309 A	20031014	BR2001PI14309	20010927
BRPI0307582 A	20050201	BR2003PI07582	20030211
CA2422713 AA	20030317	CA20012422713	20010927
CA2475816 AA	20040810	CA20032475816	20030211
CA2475816 C	20081021	CA20032475816	20030211
CL2001002366 A1	20020703	CL20010002366	20011001
CL2003000276 A1	20040326	CL20030000276	20030212
CN1468159 A	20040114	CN20018016742	20010927
CN1642727 A	20050720	CN20038006818	20030211
EP1328365 A2	20030723	EP20010973571	20010927
EP1474286 A2	20041110	EP20030707827	20030211
JP2004510606 T2	20040408	JP20020532393T	20010927
JP2005516816 T2	20050609	JP20030567651T	20030211
KR20030063351 A	20030728	KR20037004553	20010927
KR20040091031 A	20041027	KR20047012477	20030211
MXPA03002892 A1	20030910	MX2003PA02892	20010927
MXPA04007881 A1	20041015	MX2004PA07881	20030211
PL361227 A1	20040920	PL20010361227	20010927
PL371367 A1	20050613	PL20030371367	20030211
TH56870 A	20030620	TH20011003933	20010927
TH61000 A	20040227	TH20031000455	20030212
TW200305510 A	20031101	TW20030102892	20030212
TW575500 B	20040211	TW20010124086	20010928
TW583089 B	20040411	TW20030102892	20030212
US2002127369 AA	20020912	US20020075020	20020212
US2003198797 AA	20031023	US20030364580	20030211
US2003203159 AA	20031030	US20030364239	20030211
US2003211284 AA	20031113	US20030455568	20030605
US2003211286 AA	20031113	US20030364601	20030211
US2003228442 AA	20031211	US20030361972	20030211
US2003228443 AA	20031211	US20030364491	20030211
US2003235676 AA	20031225	US20030364581	20030211
US2004009322 AA	20040115	US20030364579	20030211
US2004224134 AA	20041111	US20040863132	20040608
US2004241390 AA	20041202	US20030361969	20030211
US6979485 BB	20051227	US20030364581	20030211

US6986931 BB	20060117	US20020075020	20020212
US6991844 BB	20060131	US20030361969	20030211
US7022395 BB	20060404	US20030364491	20030211
US7048987 BB	20060523	US20030364601	20030211
US7056569 BB	20060606	US20030364239	20030211
US7063879 BB	20060620	US20030364579	20030211
US7063880 BB	20060620	US20030455568	20030605
US7078088 BB	20060718	US20030361972	20030211
WO0228577 A2	20020411	WO2001US30206	20010927
WO0228577 A3	20020613	WO2001US30206	20010927
WO03068492 A2	20030821	WO2003US03957	20030211
WO03068492 A3	20031204	WO2003US03957	20030211
WO05123383 A1	20051229	WO2005US20003	20050607
ZA200302242 A	20040813	ZA20030002242	20030320

Probable Assignee: SC JOHNSON HOME STORAGE INC

Assignee(s):(std)**:** ACKERMAN BRYAN L ; JOHNSON AND SON INC S C ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; S C JOHNSON HOME STORAGE INC ; MCREYNOLDS KENT B ; S C JOHNSON HOME STORAGE ; TRENT JOHN S ; SU CU JOHSON HOUSE STORE CO

Assignee(s): SC JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; SCJOHNSON HOME STORAGE INC ; SC JOHNSON AND SON INC ; SC JOHNSON HOME STORAGE INC ; S C JOHNSON AND SON INC ; PRICE WILLIAM D ; S C JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE

Inventor(s):(std)**:** ACKERMAN BRYAN L ; AL ACKERMAN BRYAN L ET ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; MCREYNOLDS KENT B ; PRICE WILLIAM D ; TRENT JOHN S ; WILLIAM D PRICE

Inventor(s): VIRGINIA D. KARUL ; KENT B. MCREYNOLDS ; JOHN S TRENT ; BRYAN L ACKERMAN ; MCREYNOLDS KENT B AND ; KARUL VIRGINIA ; DEBOEUF WILLIAM ; ACKERMAN BRYAN L ET AL ; ACKERMAN BRYAN ; WILLIAM E,LEBOEUF ; WILLIAM E. LEBOEUF ; TRENT JOHN ; PRICE WILLIAM ; MCREYNOLDS KENT ; KARUL VIRGINIA KARUL ; LEBOEUF WILLIAM ; JOHN S.TRENT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J47/00 A61F13/15 B23B33/00 B23Q3/00 B32B23/02 B32B23/08 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/02 B32B3/10 B32B3/24 B32B37/00 B32B38/04 B32B38/06 B32B7/00 B32B7/02 B32B7/14 D04H3/16 (Advanced/Invention); B32B27/06 B32B3/10 B32B37/12 B32B37/15 (Advanced/Non–invention); A47J47/00 B32B23/00 B32B27/00 B32B27/12 B32B3/24 B32B38/04 B32B38/06 B32B7/00 D04H3/16 (Core/Invention); B32B37/14 (Core/Non–invention)

International class (IPC 1–7): A47J47/00 A61F13/15 A61F13/46 B23B27/00 B23B33/00 B29C47/06 B32B0/00 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/00 B32B3/02 B32B3/10 B32B3/14 B32B31/00 B32B31/30 B32B33/00 B32B7/00 B32B7/02 D04H3/16

CPC: Y10S428/911 Y10T428/24273 Y10T428/24322 Y10T428/24331 Y10T428/24612 Y10T428/24752 Y10T428/24777 Y10T428/24851 B32B23/02 B32B23/08 B32B27/12 Y10T428/24802 Y10T428/24355 Y10T428/24372 Y10T428/24479 Y10T428/2457 Y10T428/24579 B32B3/266 B32B27/00 B32B37/1284 B32B37/153 B32B2307/726 Y10T428/24994 B32B27/10 B32B27/32 B32B2307/744 B32B2323/04 B32B2439/70 B32B7/02 A47J47/005 B32B38/06 B32B2307/581

European class: A47J47/00A B32B23/02 B32B23/08 B32B27/00 B32B27/12 B32B3/26B B32B31/00D4B B32B38/06 B32B7/02 L32B307/580B L32B307/726 L32B31/30 L32B37/12D L32B37/15B L32B38/06

US class:

264/171.13 264/171.130S 264/171.23 264/171.230S 264/171.24 264/171.240S 264/211.12 264/211.120S 269/289R 425/327 425/327S 428/131 428/137 428/137P 428/138 428/138P 428/141 428/143 428/156 428/167 428/168 428/172 428/172S 428/189 428/189P 428/189S 428/192 428/195.1 428/195.100S 428/201 428/201S 428/297.4 428/297.400P 428/77 428/77P 428/78 428/911

Classification Explorer

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0) US2009026299A – WEB SEPARATOR WITH REVERSE ROTATION MECHANISM F...

95) Family number: 42870082 (US2009026299A) © PatBase

Title: WEB SEPARATOR WITH REVERSE ROTATION MECHANISM FOR TISSUE PAPER WINDING MACHINE

Priority:

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Family:

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US8979011 BB	20150317	US20110222058	20110831
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Probable Assignee: CHAN LI MACHINERY CO LTD

Assignee(s):(std)**:** CHAN LI MACHINERY CO LTD ; TSAI TUNG I

Assignee(s): CHAN LI MACHINERY CO

Inventor(s):(std)**:** TSAI TUNG I

International class (IPC 8–9)**:** B26F3/02 B31C1/00 B65H18/28 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H20/16 B65H35/08 B65H35/10 (Advanced/Invention); B26F3/02 B65H18/00 B65H19/22 B65H35/00 (Core/Invention)

CPC: B65H2408/235 B65H2301/41425 B65H19/267 B65H19/2269 B65H2301/41426 B65H2301/41812 B65H2406/33

European class: B65H19/22B6 B65H19/26C L65H301/41425 L65H301/41426 L65H301/41812 L65H406/33 L65H408/235

US class: 242/160.4 242/160.400P 242/521 242/521P 242/526 242/526.1 242/526P 242/532.2 242/542.1 242/542.3

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

96) Family number: 14416980 (US5538778A)

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Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

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ZA9406968 A	19950508	ZA19940006968	19940909
ZA9600892 A	19961009	ZA19960000892	19960205

Probable Assignee: LIBEROPAX LLC

Assignee(s):[(std)]**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN

US ; GEAMI LTD

Inventor(s):(std): JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES

Inventor(s): DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

International class (IPC 8–9): B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)

International class (IPC 1–7): B21D31/04 B21D5/00 B21H B31C1/00 B31D3/04 B31D5/00 B32B29/00 B32B3/12 B32B3/24 B65B B65B11/00 B65B11/00 B65B25/14 B65B63/04 B65D65/30 B65D81/02 B65D81/02 B65D81/03 B65D81/09 B65D81/14 B65D85/30 B65G81/14

CPC: B31D2205/0023 Y10S206/814 Y10S428/906 Y10S493/967 Y10T29/18 Y10T29/185 Y10T428/1303 Y10T428/24306 Y10T428/24314 Y10T428/24322 Y10T428/2457 Y10T428/24612 Y10T428/24694 Y10T428/24711 Y10T428/24752 Y10T428/24777 Y10T428/24793 B31D5/0069 B21D31/04 B31D3/002 B65D81/03 B31D3/04 B31D5/0065 B65D81/05 Y10T428/24942 Y10T428/24967 Y10T428/268 Y10T428/31993 B31D2205/0047 B31D5/006 B31C5/00 B31D2205/007 B65D81/09

European class: B21D31/04 B31C5/00 B31D3/00B B31D3/04 B31D5/00C2 B31D5/00C3 B31D5/00C5 B65D81/03 B65D81/05 B65D81/09 L31D205/00C20B2 L31D205/00C20M

US class: 206/521 206/584 206/585 206/586 206/594 206/814 229/87.02 29/6.1 29/6.2 428/135 428/136 428/137 428/167 428/172 428/182 428/184 428/189 428/192 428/194 428/212 428/215 428/220 428/338 428/34.2 428/537.5 428/903.3 428/906 493/967 53/435 53/450

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0) US2006282058A – DISPOSABLE PULL–ON WEARING ARTICLE

97) Family number: 33995036 (US2006282058A)

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Title: DISPOSABLE PULL−ON WEARING ARTICLE

Priority: EP20060757284 20060613 JP20050173997 20050614 WO2006JP311799 20060613 WO2006JP11799 20060613

Family:

Publication number	Publication date	Application number	Application date
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US7744577 BB	20100629	US20060423967	20060614
WO06134895 A1	20061221	WO2006JP311799	20060613

Probable Assignee: UNI CHARM CORP

Assignee(s):(std)**:** ICHIKAWA MAKOTO ; KAWAKAMI YUSUKE ; OHASHI NAOTO ; OTSUBO TOSHIFUMI ; UNI CHARM CORP ; UNICHARM CORP ; UNI CHARM LTD

Assignee(s): UNI CHARM CORP SHIKOKUCHUO ; UNI CHARM CO LTD

Inventor(s):(std)**:** ICHIKAWA MAKOTO ; KAWAKAMI YUSUKE ; MAKOTO ICHIKAWA ; NAOTO OHASHI ; OHASHI NAOTO ; OTSUBO TOSHIBUMI ; OTSUBO TOSHIFUMI ; TOSHIFUMI OTSUBO ; YUSUKE KAWAKAMI

Inventor(s): OTSUBO TOSHIFUMI C O UNI CHARM CORP ; OTSUBO TOSHIFUMI C O UNI CHARM CORPORATION ; OHASHI NAOTO C O UNI CHARM CORP ; OHASHI NAOTO C O UNI CHARM CORPORATION ; KAWAKAMI YUSUKE C O UNI CHARM CORP ; KAWAKAMI YUSUKE C O UNI CHARM CORPORATION ; ICHIKAWA MAKOTO C O UNI CHARM CORP ; ICHIKAWA MAKOTO C O UNI CHARM CORPORATION

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/20 A61F13/49 A61F13/496 A61F13/56 A61F5/44 (Advanced/Invention); A61F13/15 A61F13/20 A61F13/496 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/49 A61F13/496 A61F13/56 A61F5/44

CPC: A61F13/565 A61F13/4963 A61F13/493 A61F13/551 A61F13/496

European class: A61F13/493 A61F13/496 A61F13/496A A61F13/551 A61F13/56C

US class: 604/385.01 604/385.03 604/385.11 604/385.110S 604/385.13 604/385.130P 604/385.22 604/386 604/387 604/389 604/391 604/392

Classification Explorer

Cited documents: WO9713485 A1, WO1996507699, WO06134895 A1, WO05016214 A1, US7497852 BB, US6972012 BA, US6579275 BA, US6508797 BA, US6210388 BA, US5830206 A, US5624428 A, US5074854 A, US2006089616 AA, US2006004341 AA, US2004019343 AA, US2003216706 AA, US2002111596 AA, JPP3421030, JP88507699, JP8507699 T2, JP8182704 A2, JP8182699 A2, JP5317356 A2, JP4371147 A2, JP4371146, JP3421030 B2, JP3421030, JP2005095588 A2, JP2002153509 A2, JP11513295 T2, JP1141711 U1, JP1141711 A2, EP1600132 A1,

0) US2012034430A – SANITARY TISSUE PRODUCTS COMPRISING A SURFACE P...

98) Family number: 50611685 (US2012034430A) © PatBase

Title: SANITARY TISSUE PRODUCTS COMPRISING A SURFACE PATTERN AND METHODS FOR MAKING SAME

Priority: CA20112748114 20110809 US20100371855P 20100809 US20110438387P 20110201 US20110205684 20110809

Family:

Publication number	Publication date	Application number	Application date
CA2748114 AA	20120209	CA20112748114	20110809
MX2011008397 A1	20120220	MX20110008397	20110809
US2012034430 AA	20120209	US20110205684	20110809

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** BRITTON FREDERICK SCOTT ; HO KLEINWAECHTER MONICA ; JONES JASON MERRILL ; LOVELACE JULIE SPAETH ; MANIFOLD JOHN ALLEN ; SHEEHAN JEFFREY GLEN ; MELLIN ANDRE ; PAGELS REBECCA KATHLEEN ; WEBER ALEXANDER PAUL ; VITUCCI NICHOLAS AUGUST ; NELSON NAOMI RUTH ; PROCTER AND GAMBLE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** BRITTON FREDERICK SCOTT ; HO KLEINWAECHTER MONICA ; JONES JASON MERRILL ; LOVELACE JULIE SPAETH ; MANIFOLD JOHN ALLEN ; MELLIN ANDRE ; NELSON NAOMI RUTH ; PAGELS REBECCA KATHLEEN ; SHEEHAN JEFFREY GLEN ; VITUCCI NICHOLAS AUGUST ; WEBER ALEXANDER PAUL

Inventor(s): REBECCA KATHLEEN PAGELS ; NICHOLAS AUGUST VITUCCI ; NAOMI RUTH NELSON ; MONICA HO KLEINWAECHTER ; JULIE SPAETH LOVELACE ; JOHN ALLEN MANIFOLD ; JEFFREY GLEN SHEEHAN ; JASON MERRILL JONES ; FREDERICK SCOTT BRITTON ; ANDRE MELLIN ; ALEXANDER PAUL WEBER

International class (IPC 8–9): A61F13/15 B32B3/00 D21H21/24 D21H27/02 D21H27/30 (Advanced/Invention); B23B29/00 (Core/Invention)

CPC: D21H27/02 D21H27/002 Y10T428/24802

US class: 428/195.1 428/195.100P

Classification Explorer

Cited documents: USD555908 S1, USD448478 S1,

0) US2009020547A – CONTAINER FOR A STACK OF INDIVIDUALLY REMOVABLE...

99) Family number: 30830139 (US2009020547A) © PatBase

Title: CONTAINER FOR A STACK OF INDIVIDUALLY REMOVABLE PAPER PRODUCTS

Priority: DE200420007773U 20040513 WO2005EP04107 20050418

Family:

Publication number	Publication date	Application number	Application date
AT415361 E	20081215	AT20050731889T	20050418
AU2005245061 AA	20051201	AU20050245061	20050418
AU2005245061 BB	20100708	AU20050245061	20050418
DE202004007773 U1	20040729	DE200420007773U	20040513
DE602005011273 D1	20090108	DE200560011273T	20050418
EP1748940 A1	20070207	EP20050731889	20050418
EP1748940 B1	20081126	EP20050731889	20050418
ES2318477 T3	20090501	ES20050731889T	20050418
MXPA06012872 A1	20070215	MX2006PA12872	20050418
US2009020547 AA	20090122	US20050596081	20050418
US7644836 BB	20100112	US20050596081	20050418
WO05113381 A1	20051201	WO2005EP04107	20050418

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** ANN CHIHANI ; CHIHANI THAMI ; MORIN EMMANUELLE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AKTIEBOLA

Assignee(s): SCA HYGIENE PRODUCTS AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AB GOETEBORG GOTENBURG

Inventor(s):(std)**:** CHIHANI THAMI ; CHIHANI LEGAL REPRESENTATIVE ANN ; CHIHANI ANN ; MORIN EMMANUELLE

Inventor(s): EMMANUELLE MORIN ; THAMI CHIHANI ; ANN CHIHANI HEREDERA DE THAMI CHIHANI FINADO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65D83/08 B65H1/04 (Advanced/Invention); B65D83/00 B65D83/08 B65H1/04 (Core/Invention)

International class (IPC 1–7): A47K10/20 B65D5/54 B65D83/08

CPC: B65D83/0835

European class: B65D83/08B1C

US class: 206/494 221/210 221/305 221/45 221/50 221/63 229/242

Classification Explorer

Cited documents: WO9617794 A1, WO9513331, WO9513328, US4574952 A, US4136699, US2003168467 AA,

0) US2012223093A – COMPRESSED TISSUE CARTON WITH TEAR STRIP

100) Family number: 51884552 (US2012223093A)

© PatBase

Title: COMPRESSED TISSUE CARTON WITH TEAR STRIP

Priority: US20110040464 20110304 WO2012IB50741 20120217

Family:

Publication number	Publication date	Application number	Application date
AU2012226468 AA	20120913	AU20120226468	20120217
AU2012226468 BB	20170504	AU20120226468	20120217
CA2828674 AA	20130829	CA20122828674	20120217
EP2680733 A2	20140108	EP20120754874	20120217
EP2680733 A4	20140910	EP20120754874	20120217
IL228057 A0	20130930	IL20120228057	20120217
JP2014511314 T2	20140515	JP20130555958T	20120217
JP6097226 B2	20170315	JP20130555958T	20120217
KR20140016915 A	20140210	KR20137025697	20120217
MX2013009924 A1	20131001	MX20130009924	20120217
MX341236 B	20160809	MX20130009924	20120217
US2012223093 AA	20120906	US20110040464	20110304
WO12120392 A2	20120913	WO2012IB50741	20120217
WO12120392 A3	20121115	WO2012IB50741	20120217
ZA201306303 A	20141029	ZA20130006303	20120217

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BOOTH PETER ; BUNCE MARTIN CHRISTOPHER ; FRYER DENNIS EDWARD ; HALLAM JAMES ALEXANDER ; KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC ; MALLION JAMES

Inventor(s):(std)**:** BOOTH PETER ; BUNCE MARTIN CHRISTOPHER ; DENNIS EDWARD FRYER ; FRYER DENNIS EDWARD ; HALLAM JAMES ALEXANDER ; JAMES ALEXANDER HALLAM ; JAMES MALLION ; MALLION JAMES ; MARTIN CHRISTOPHER BUNCE ; PETER BOOTH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/20 A47K10/42 B65D B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D77/042 B65D77/32 B65D83/0805

European class: B65D77/04C1 B65D77/32

US class: 221/46

Classification Explorer

Cited documents: US8205748 BB, US6817484 BB, US6474542 BA, US6065591 A, US5704480 A, US5642602 A, US5535887 A, US5145091 A, US4944405 A, US4836410 A, US4790436 A, US3979019 A, US3970215 A, US3684086 A, US3379364 A, US3325003 A, US3263807 A, US3197062 A, US2011129633 AA, US2010243504 AA, US2010102077 AA, US2010078444 AA, US2008061120 AA, JP9140623 A2, JP63152577 A2, JP63152577, JP3009515 U, JP3009515 B2, JP2009165763 A2, JP2009165763, JP2006298416 A2, JP2006298416, JP2002308352 A2, JP2002308352, JP2001340257 A2, JP2001340257, JP1182280 A2, JP10290763, GB2163131 A1, EP1607033 A1, EP0251103 A1, DE1261439 B,

- **search:** SS9 FT=(tear* and line* and perforat* and (toiler or tissue) W1 paper and cut*) and PD<20140410 (Results 871)
- **search:** SS10 (9) and TAC=(paper or sheet material or material or web) (Results 776)
- List: SS10 1–50 ((9) and TAC=(paper or sheet material or material or web)) (Results 776)

0) US2004238135A – FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET...

1) Family number: 32366228 (US2004238135A) © PatBase

Title: FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET

Priority:

CA20032501329	20031006	CA20032724104	20031006	CA20052559343	20050419
CA20052780065	20050419	CA20032724119	20031006	CA20032724121	20031006
EP20030773123	20031006	EP20050733808	20050412	CA20112501329	20110105
CA20142603753	20140814	CA20062603753	20060321	CN200580011734	20050419
CN200680017417	20060413	CA20122559343	20120703	US20020416666	20021007
US20020416666	20021007	US20020416666P	20021007	EP20060750109	20060413
EP20060739068	20060321	EP20060773075	20060613	EP20070795053	20070516
EP20130001369	20060321	EP20130001373	20060321	IN2006DN05449	20060919
EP20120001672	20050412	EP20140001776	20070516	EP20140001776	20140520
EP20080012591	20031006	EP20050736694	20050419	EP20140001775	20070516
US20070901673	20070918	US20060808863P	20060526	US20070804246	20070516
US20070901599	20070918	US20050693699	20050624	US20040563519	20040419
US20040562025	20040414	US20050673492	20050421	US20080156820	20080605
US20080156834	20080605	US20080286435	20080930	US20090319507	20090108
US20090319508	20090108	US20050108375	20050418	US20050104014	20050412
US20090460972	20090727	US20090460124	20090714	US20040563519P	20040419
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WO2006US13973	20060413	WO2006US23037	20060613	WO2007US11967	20070516
US20100657645	20100125	US20090655555	20091231	WO2005US13272	20050419
US20100804210	20100716	US20100924233	20100923	WO2003US31418	20031006
US20120397753	20120216	US20120402132	20120222	US20110041706	20110307
US20120397745	20120216	US20120397756	20120216	US20120402153	20120222
WO2005US12320	20050412	US20120401981	20120222	US20120460940	20120501
US20120460936	20120501	US20120460891	20120501	US20120460885	20120501
US20100924233	20100930	US20130794982	20130312	US20130927250	20130626
US20140220244	20140320	US20150601386	20150121		

Family:

Publication number	Publication date	Application number	Application date
AT414819 E	20081215	AT20030773123T	20031006
AU2003279792 AA	20040504	AU20030279792	20031006
CA2501329 AA	20050405	CA20032501329	20031006
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CA2559343 AA	20060911	CA20052559343	20050419
CA2559343 C	20150106	CA20052559343	20050419
CA2559526 AA	20060911	CA20052559526	20050412
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CA2603746 C	20131112	CA20062603746	20060413
CA2603753 AA	20071003	CA20062603753	20060321
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CA2612663 AA	20071219	CA20062612663	20060613

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CA2652814 AA	20081118	CA20072652814	20070516	
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CA2724104 AA	20040422	CA20032724104	20031006	
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CA2724119 AA	20040422	CA20032724119	20031006	
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CA2724121 AA	20040422	CA20032724121	20031006	
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CA2780065 AA	20051103	CA20052780065	20050419	
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CA2858122 AA	20061026	CA20062858122	20060321	
CA2858122 C	20170711	CA20062858122	20060321	
CA2858143 AA	20061026	CA20062858143	20060321	
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CN101538813 A	20090923	CN200910003613	20031006	
CN101538813 B	20110727	CN200910003613	20031006	
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CN102268834 B	20131016	CN201110197477	20031006	
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EP2607549 A1	20130626	EP20130001369	20060321	
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EP2610051 A2	20130703	EP20130001373	20060321	

EP2610051 A3	20130731	EP20130001373	20060321
EP2610051 B1	20160316	EP20130001373	20060321
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HK1117799 A1	20140801	HK20080108009	20080721
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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** EDWARDS STEVEN L ; EGGEN RICHARD W ; DUGGAN DVID P ; DUGGAN DAVID P ; FORT DZHEJMS CORP ; DWIGGINS JOHN H ; DZHORDZHIJA PEHSIFIK KONS JUME ; DZHORDZHIJA PEHSIFIK KONS JUMER PRODAKTS LP ; DZHORDZHIJA PASIFIK KONZ JUMER PRODAKTS EHLPI ; BAUMGARTNER DEAN J ; CHOU HUNG L ; CHOU HUNG LIANG ; FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GPCP IP HOLDINGS LLC ; SUPER GUY H ; MCCULLOUGH STEPHEN J ; KRUEGER JEFFREY E ; LOMASX DAVID W ; JONES COLIN A ; LOMAX DAVID W ; MURRAY FRANK C ; WENDT GREG ; WENDT GREG A ; LYSE THOMAS E ; HUNTER MARK S ; YEH KANG C ; YEH KANG CHANG ; REEB RONALD R ; HARPER FRANK D

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET, N.E.ATLANTAGA30303US ; FORT JAMES CORP133 PEACHTREE STREET N.E.ATLANTAGA30303–1847US ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; MURRAY FRANK ; MCCULLOUGH STEPHEN ; GEORGIA PACIFIC CONSUMER PRODU ; GEORGIA PACIFIC CONSUMER PRODUCTS L P ; FORT DZHEJMS KORPOREJSHN ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BAUMGARTNER D J ; BAUMGARTNER DEAN J ; BAUMGARTNER DIN DZH ; CHOU HUNG ; CHOU HUNG L ; CHOU HUNG LIANG ; DAVID P DUGGAN ; DAVID W LOMASX ; DEAN J BAUMGARTNER ; DUGGAN D P ; DUGGAN DAVID P ; DUGGAN DVID P ; DVID P DUGGAN ; DVIGGINS DZHON KH ; CHOU KHUN LJAN ; COLIN A JONES ; DAGGEHN DEHVID P ; DWIGGINS JOHN ; DWIGGINS JOHN H ; DZHOUNS KOLIN A ; EDWARDS S L ; EDWARDS STEVEN ; EDWARDS STEVEN L ; EDWARDS STEVEN L MCCULLOUGH ST ; EDWARDS STEVEN L SUPER GUY H M ; EGGEN R W ; EGGEN RICHARD W ; EHDVARDS STIVEN L ; EKH KAN CHAN ; EKH KAN S ; FRANK D HARPER ; GREG WENDT ; GUY H SUPER ; HARPER FRANK ; HARPER FRANK D ; HUNG LIANG CHOU ; HUNTER MARK ; HUNTER MARK S ; JEFFREY E KRUEGER ; JOHN H DWIGGINS ; JONES C A ; JONES COLIN A ; KANG CHANG YEH ; KHANTER MARK S ; EHGGEN RICHARD V ; KHARPER FREHNK D ; KRUEGER J E ; KRUEGER JEFFREY E ; LAJS TOMAS EH ; LIANG CHOU HUNG ; LOMASX D W ; LOMASX DAVID W ; LOMAX DAVID W ; LOUMAKS DEHVID V ; KRJUGER DZHEFFRI EH ; LYSE THOMAS ; LYSE THOMAS E ; MAKKALLAF STEFEN DZH ; MCCULLOUGH S J ; MCCULLOUGH STEPHEN ; MCCULLOUGH STEPHEN J ; MJURREJ FREHNK S ; MURRAY FRANK ; MURRAY FRANK C ; MURRAY FRANK C WENDT GREG EDWA ; REEB RONALD ; REEB RONALD R ; RICHARD W EGGEN ; RONALD R REEB ; S JUPER GAJ KH ; STEPHEN J MCCULLOUGH ; STEVEN L EDWARDS ; SUPER G H ; SUPER GUY ; SUPER GUY H ; RIB RONAL D R ; UEHNDT GREHG ; WENDT GREG ; WENDT GREG A ; YEH KANG ; YEH KANG C ; YEH KANG CHANG

Inventor(s): YEH KANG CHANG NEENAH ; YEH KANG C NEENAH ; WENDT GREGUS ; WENDT CREG ; RIB RONAL'D R. ; SUPER GUY H MENASHA ; SUPER GUY HUS ; S'JUPER GAJ KH. ; REEB RONALD R DE PERE ; REEB RONALD R DEPERE ; MURRAY FRANK C WENDT GREG EDWARDS STEVEN L MCCULLO ; MURRAY FRANK CUS ; MURRAY FRANKUS ; MURRAY FRANK C MARIETTA ; MCCULLOUGH STEPHEN J MOUNT CALVARY ; MCCULLOUGH STEPHEN J MT CALVARY ; MCCULLOUGH STEPHEN JUS ; MCCULLOUGH STEPHENUS ; MCCULLOUGH STEPHAN J ; LYSE THOMAS E VANCOUVER ; HUNTER MARK S DENMARK ; HARPER FRANK D NEENAH ; FRANK C MURRAY ; EDWARDS STEVEN L SUPER GUY H MCCULLOUGH STEPHENJ B ; EDWARDS STEVEN LUS ; EDWARDS STEVEN L FREMONT ; DWIGGINS JOHN H NEENAH ; CHOU HUNG LIANG NEENAH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): D21F5/00 D21F7/00 A47K10/02 A47K10/16 A61L15/16 B31F1/07 B31F1/12 B31F1/16 B32B3/00 B32B5/02 B32B5/26 B65H19/00 C09J129/04 C09J177/00 D21F1/12 D21F11/00 D21F11/02 D21F11/14 D21F3/00 D21F3/02 D21F5/02 D21F9/00 D21H11/00 D21H11/08 D21H11/14 D21H11/20 D21H15/04 D21H17/24 D21H17/52 D21H17/55 D21H21/14 D21H21/20 D21H21/22 D21H23/00 D21H23/24 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/08 D21H27/20 D21H27/30 D21H27/40 (Advanced/Invention); B65H19/00 A47K10/02 C09J177/00 D21H21/20 D21H25/00

D21H27/40 (Advanced/Non−invention);
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A47K B31F D21F D21H (Subclass/Invention)

International class (IPC 1−7): A01N43/90 B31F1/12 B31F1/16 D21F11/00 D21F11/02 D21F11/14 D21H11/20 D21H21/20 D21H23/24 D21H25/00

CPC: B31F1/12 D21H11/14 A47K10/02 Y10T428/24446 Y10T428/24479 Y10T428/24612 D21H27/30 B31F1/07 B31F2201/0743 B31F2201/0756 B31F2201/0764 B31F2201/0766 B31F2201/0784 B31F2201/0787 B31F2201/0789 D21H27/002 D21H27/008 D21F11/14 D21F11/145 D21H21/20 D21H25/005 D21H27/40 B31F1/126 D21H21/146 D21H27/005 D21H27/007 D21F11/006 D21H27/02 B31F1/16 Y10T428/249965 Y10T428/24455 D21H11/20 D21F11/02

European class: B31F1/07 B31F1/12 B31F1/12F D21F11/00E D21F11/14 D21F11/14B D21H21/14D D21H25/00B D21H27/00D D21H27/00D2B D21H27/00D2B2 D21H27/00D4 D21H27/30 L31F201/07C2D5A L31F201/07E L31F201/07G2B L31F201/07G2D L31F201/07P L31F201/07P2 L31F201/07P4 N21H11/14 N21H21/20 N21H25/00B N21H27/00D N21H27/00D2B N21H27/02 N21H27/40

US class: 1/1 156/183 156/183S 162/100 162/100S 162/101 162/109 162/109S 162/111 162/111S 162/112 162/112S 162/113 162/113S 162/117 162/122 162/123 162/125 162/129 162/132 162/135 162/141 162/142 162/147 162/147S 162/149 162/149S 162/158 162/164.1 162/164.6 162/168.3 162/168.300S 162/172 162/177 162/177S 162/197 162/204 162/205 162/205S 264/282 264/282S 264/283 264/283S 34/398 34/398S 428/152 428/152P 428/153 428/156 428/172 428/311.71 428/311.710S

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0) US2009283229A – FUNCTIONALIZING CELLULOSIC AND LIGNOCELLULOSIC ...

2) Family number: 43952875 (US2009283229A)

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Probable Assignee: XYLECO INC

Assignee(s):(std)**:** KSILEKO INK ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INCL–271 SALEM STREETWOBURNMA01801US ; MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Inventor(s):(std)**:** MEDOFF MARSHALL ; MADOFF MARSHALL ; MARSHALL MEDOFF

Inventor(s): MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A23G3/32 A41D1/00 A63B59/06 B01J19/08 B01J19/12 B02C23/18 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B29C71/04 B32B21/14 C07C1/20 C07C27/00 C07C27/04 C07C27/24 C07C29/00 C07C31/00 C07C6/00 C07H3/00 C07H3/04 C08B1/00 C08B15/00 C08B15/02 C08B15/04 C08B15/10 C08B3/06 C08B30/02 C08H7/00 C08H8/00 C08J11/10 C08J3/24 C08J3/28 C08L97/02 C10L1/00 C10L1/02 C10L3/00 C12M1/00 C12N13/00 C12P C12P1/00 C12P13/00 C12P19/00 C12P19/02 C12P19/14 C12P21/00 C12P3/00 C12P5/00 C12P5/02 C12P7/00 C12P7/02 C12P7/04 C12P7/06 C12P7/10 C12P7/16 C12P7/40 C12P7/58 C13B50/00 C13B99/00 C13K1/00 C13K1/02 C13K1/06 C13K5/00 D02G3/00 D02G3/02 D03D15/00 D04B1/14 D04B21/00 D04H D04H1/12 D04H1/26 D04H1/42 D04H1/425 D04H3/00 D04H5/00 D06B3/10 D06M D06M10/00 D06M10/02 D06M10/06 D06M10/08 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21C1/10 D21C5/00 D21C9/00 D21F11/00 D21F5/00 D21G1/00 D21H11/00 D21H11/04 D21H11/16 D21H11/20 D21H21/28 D21H23/22 D21H25/04 G03C1/00 G03C5/00 G21K5/00 H01J37/30 H01J37/317 (Advanced/Invention);
C12P19/00 C12P19/02 C12P19/14 C12P7/02 C12P7/10 D06M101/04 D06M101/06 D21C9/00 (Advanced/Non–invention);
A41D1/00 B01J19/08 B01J19/12 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B32B21/00 C07C31/00 C07H3/00 C08B15/00 C08B3/00 C08J3/28 C12N1/20 C12N13/00 C12P5/00 C12P7/02 C13K1/00 C13K5/00 D03D15/00 D04B1/14 D04B21/00 D04H1/42 D04H3/00 D04H5/00 D06M14/00 D21B1/00 D21B1/06 D21C1/00 D21C5/00 D21F5/00 D21H11/00 D21H23/00 D21H25/00 G21K5/00 (Core/Invention);
C12P D03D D04B D04H D06M (Subclass/Invention)

International class (IPC 1–7): B01J19/08 B05D3/00 B05D3/06 B27K5/00 C07H3/00 C08B3/00 C08B3/06 C12N1/20 C12P7/06 C12P7/10 D03D15/00 D04B1/14 D04H1/42 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21F5/00 G01N23/00 G01N23/02

CPC: Y02E50/10 C12P5/02 C12P7/06 C12P7/16 D21B1/06 D21C1/10 D21F5/00 D21G1/0093 C12P19/00 D21B1/063 B02C23/18 C08B1/00 C12P2201/00 A63B2209/00 B27K5/003 B27N1/00 C08B15/04 D06M10/008 Y02E50/343 Y02E50/17 B01J2219/00006 B01J2219/0869 B01J2219/0879 B01J2219/089 C12P19/02 G21K5/00 D21H21/28 H01J37/317 B01J19/08 H01J2237/303 C08B15/02 C08H8/00 D21C9/007 C13K1/02 H01J37/3002 Y10T442/30 Y10T442/40 Y10T442/60 Y10T442/697 D21B1/02 C07C27/24 D06M10/001 D06M10/02 D06M10/08 D06M2101/04 D06M2101/06 D10B2201/00 D10B2201/01 D10B2201/22 D10B2201/26 D10B2201/28 B01J19/123 B01J19/121 C12M45/00 B01J19/126 C07C27/00 Y10T428/249921 D21C1/00 D21H11/16 B01J2219/08 C12P7/10 C07C27/04 D02G3/02 D04B1/14 D06B3/10 D06M10/00 D10B2501/00 D10B2505/04 D04H1/4258 D04H1/42 D04H1/4382 Y02E50/16 Y02P20/582 B01J19/081 B01J2219/0871 B01J19/085 C12P19/14 D02G3/00 A63B59/50 A63B2102/18 C08B15/00 D21H25/04 D21H11/04 D03D15/00 D04H1/425 Y10T156/10 B27K5/0045 D21H11/20 D21C5/00 B27K5/004 D06M10/06 H01J2237/3165 B27K5/0035 C08J3/28 C08J2397/02

European class: A63B59/06 B01J19/08B6 B27K5/00R B27N1/00 C08B15/02 C08B15/04 C08H8/00 C08J3/28 C12P19/02 C12P5/02 C12P7/06 C12P7/10 C12P7/16 D04H1/42 D06M10/00B D06M10/00N D06M10/02 D06M10/08 D21B1/02 D21B1/06 D21C1/10 D21C9/00B4 D21F5/00 D21G1/00R8 D21H25/04 G21K5/00 K63B209/00 L01J219/00A2B L01J219/08F L01J219/08M6 L01J219/08M8J M08J397/02 M12P201/00 N06M101/04 N06M101/06 N10B201/00 N10B201/01 N10B201/22 N10B201/26 N10B201/28 N21C9/00B4 Y02E50/16 Y02E50/17

US class: 1/1 127/34 127/34S 127/37 156/60 156/60S 162/141 162/158 162/158S 162/162 162/192 162/192S 162/198 162/5 162/50 162/50P 162/58 162/63 162/9 162/92 2/69 2/69S 204/157.15 204/157.150S 204/157.63 204/157.630S 204/157.68 204/157.680S 204/157.9 204/157.900S 241/15 250/492.1 250/492.100P 250/492.3 250/492.300S 378/64 378/64P 427/457 427/457S 427/532 427/551 428/22 428/221 428/221S 435/136 435/136S 435/137 435/155 435/155S 435/157 435/165 435/166 435/166S 435/168 435/168S 435/173.1 435/173.100S 435/41 435/41S 435/68.1 435/68.100P 435/71.1 435/71.100S 435/72 435/72P 435/72S 435/99 44/307 44/307S 442/181 442/181P 442/304 442/304S 442/327 442/327S 442/415 442/415S 530/500 536/1.11 536/1.110S 536/123.13 536/123.130P 568/840 568/840P 568/878 568/880 568/902 568/903 8/116.1 8/444

Classification Explorer

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0) US2003026950A – SINGLE–PLY EMBOSSED ABSORBENT PAPER PRODUCTS

3) Family number: 30124129 (US2003026950A) © PatBase

Title: SINGLE–PLY EMBOSSED ABSORBENT PAPER PRODUCTS

Priority:

CA20002325682	20001110	CA20002325686	20001110	CA20022414668	20021217
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CA20112414668	20110830	CA20112414668	20110831	US20040986034	20041112
US20070974162	20071011	US20100861462	20100823	US20020236993	20020905
US20050294245	20051205	US20030635663	20030806	US20020235197	20020905
US20000709185	20001109	US20010036770	20011221	US20060611954	20061218
US20040808431	20040325				

Family:

Publication number	Publication date	Application number	Application date
AT358016 E	20070415	AT20000310059T	20001113
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CA2325682 C	20091229	CA20002325682	20001110
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CA2749105 C	20140429	CA20022749105	20021217
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US7531062 BB	20090512	US20070974162	20071011
US7857941 BB	20101228	US20060611954	20061218
US8142617 BB	20120327	US20100861462	20100823

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GRACYALNY DALE T ; KERSHAW THOMAS N ; GRACYALNY DALE ; GEORGIA PACIFIC CORP ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYN A ; RUTHVEN PAUL J

Assignee(s): WILLIAMS ROBERT J ; ZAHN HARLIE C ; MOGGED OTTO ; MOGGED OTTO III ; KRASZEWSKI ALAN J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; HANSEN MARK D ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DAUS ROBERT R ; DEMILLE JOHN R

Inventor(s):(std)**:** MOGGED OTTO ; MOGGED OTTO III ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYU ; SCHULZ GAYLN A ; GRACYALNY DALE ; ZAHN HARLIE C ; WILLIAMS ROBERT J ; SCHULZ GALYN A ; RUTHVEN PAUL J ; KRASZEWSKI ALAN J ; MOGGED III OTTO ; HANSEN MARK D ; GRACYALNY DALE T ; DEMILLE JOHN R ; DAUS ROBERT R ; KERSHAW THOMAS N

Inventor(s): DAUS ROBERT RUS ; DEMILLE JOHN RUS ; GRACYALNY DALE TUS ; MOGGED ; KRASZEWSKI ALAN JUS ; KERSHAW THOMAS ; III OTTO ; HANSEN MARK DUS ; MOGGED OTTO IIIUS ; RUTHVEN PAUL JUS ; SCHULZ GALYN AUS ; WILLIAMS ROBERT JUS ; HANSEN MARK ; KRASZEWSKI ALAN ; DAUS ROBERT ; DEMILLE JOHN ; WILLIAMS ROBERT ; ZAHN HARLIE ; ZAHN HARLIE CUS

Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

International class (IPC 8–9): A01J25/12 A61F13/15 B31F1/07 B31F1/12 B31F1/14 B65H27/00 B65H35/00 D21F11/00 D21F11/14 D21G9/00 D21H27/02 D21H27/40 F16C13/00 (Advanced/Invention); A61F13/15 B31F1/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

International class (IPC 1–7): A61F13/15 B29C43/46 B31F1/00 B31F1/07 B31F1/12 B31F1/14 B32B3/00 B32B3/10 B32B5/00 D06N7/04 D21F11/00 D21H11/00 D21H27/02 D21H27/40

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European class: A61F13/15M6C B31F1/07 B31F1/12B B31F1/14B D21F11/00E D21F11/14 D21H27/00D2 L29C43/46A4 L31F201/07C2D1A L31F201/07C2D3C L31F201/07C2D3G L31F201/07C2D3G2 L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07C2D7 L31F201/07E L31F201/07G L31F201/07G2 L31F201/07L L31F201/07P L31F201/07P10 N21H25/00B

US class: 100/161 100/168 100/169 100/176 101/23 101/3.1 101/3.100P 101/32 101/32S 101/6 101/6S 156/205 156/209 162/109 162/111 162/112 162/113 162/114 162/117 162/117S 162/123 162/132 162/205 162/205S 162/286 162/286S 162/361 162/362 162/362S 264/284 425/363 425/363S 425/365 425/365S 428/131 428/131P 428/152 428/152P 428/153 428/156 428/156S 428/174 428/174S 428/182 428/183 428/98 428/98S 492/20 492/30 492/36 604/38 604/380

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0) US2010186913A – BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORB...

4) Family number: 46402347 (US2010186913A)

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Title: BELT−CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORBENT SHEET PREPARED WITH PERFORATED POLYMERIC BELT

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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AU2013202347 BB	20140605	AU20130202347	20130403
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CN102216068 B	20140917	CN201080003204	20100128
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WO13016377 A4	20130718	WO2012US48046	20120725
ZA201102313 A	20120627	ZA20110002313	20100128

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERNARD AYANNA M ; DZHORDZHIYA PESIFIK KONSYUMER PRODAKTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; MCCULLOUGH STEPHEN J ; RUTHVEN PAUL J ; MILLER JOSEPH H ; WENDT GREG A ; SUPER GUY H ; SZE DANIEL H ; WAHAL SANJAY ; SUMNICHT DANIEL W ; GEORGIA PACIFIC LLC

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LPUS ; GEORGIA PACIFIC CONSUMER PRODUCTS

Inventor(s):(std)**:** BERNARD AYANNA M ; MCCULLOUGH STEPHEN J ; MILLER JOSEPH H ; RUTHVEN PAUL J ; SUMNICHT DANIEL W ; SUPER GUY H ; WAHAL SANJAY ; WENDT GREG A ; ZUMNIKHT DENIEL U ; VAKHAL SANDZHAJ ; STEPHEN J MCCULLOUGH ; PAUL J RUTHVEN ; MILLER DZHOZEF KH ; JOSEPH H MILLER ; GUY H SUPER ; SZE DANIEL H ; DANIEL H SZE ; GREG A WENTZ

Inventor(s): SZE DANIEL H APPLETON ; GREG A WENDT ; WENDT GREG A NEENAH ; SUPER GUY H MENASHA ; RUTHVEN PAUL J NEENAH ; MILLER JOSEPH H NEENAH ; MCCULLOUGH STEPHEN J MOUNT CALVARY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F B31F1/07 B31F1/12 B31F1/16 B31F1/18 B32B29/00 B32B3/00 D21F D21F1/00 D21F1/50 D21F11/00 D21F11/14 D21F2/00 D21F3/00 D21F3/10 D21H D21H11/00 D21H11/18 D21H13/08 D21H15/02 D21H21/14 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); B31F1/07 D21F2/00 D21F3/00 (Advanced/Non–invention); B31F1/00 D21F1/00 D21F11/00 D21F2/00 D21F3/00 D21H27/00 D21H27/02 (Core/Invention); D21F11/14 D21F2/00 D21F3/00 D21H25/00 D21H27/38 D21H27/40 (Core/Non–invention); B31F D21F D21H (Subclass/Invention)

CPC: D21H1/02 D21H11/18 D21H21/146 D21H25/005 D21H27/30 B31F1/126 D21F1/0027 D21F11/006 D21H27/002 D21H27/007 D21H27/02 B31F1/16 D21H11/00 B31F1/122 Y10T428/24455 Y10T428/24479

European class: B31F1/12F B31F1/16 D21F1/00E D21F11/00E D21H11/18 D21H27/00D D21H27/02 D21H27/30

US class: 1/1 162/109 162/111 162/113 162/117 162/123 162/129 162/146 162/149 162/157.6 428/153 428/156 428/156P

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0) US20021273 69A – PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

5) Family number: 30116927 (US2002127369A) © PatBase

Title: PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

Priority:

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Family:

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Probable Assignee: SC JOHNSON HOME STORAGE INC

Assignee(s):(std)**:** ACKERMAN BRYAN L ; JOHNSON AND SON INC S C ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; S C JOHNSON HOME STORAGE INC ; MCREYNOLDS KENT B ; S C JOHNSON HOME STORAGE ; TRENT JOHN S ; SU CU JOHSON HOUSE STORE CO

Assignee(s): SC JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; SCJOHNSON HOME STORAGE INC ; SC JOHNSON AND SON INC ; SC JOHNSON HOME STORAGE INC ; S C JOHNSON AND SON INC ; PRICE WILLIAM D ; S C JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE

Inventor(s):(std)**:** ACKERMAN BRYAN L ; AL ACKERMAN BRYAN L ET ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; MCREYNOLDS KENT B ; PRICE WILLIAM D ; TRENT JOHN S ; WILLIAM D PRICE

Inventor(s): VIRGINIA D. KARUL ; KENT B. MCREYNOLDS ; JOHN S TRENT ; BRYAN L ACKERMAN ; MCREYNOLDS KENT B AND ; KARUL VIRGINIA ; DEBOEUF WILLIAM ; ACKERMAN BRYAN L ET AL ; ACKERMAN BRYAN ; WILLIAM E,LEBOEUF ; WILLIAM E. LEBOEUF ; TRENT JOHN ; PRICE WILLIAM ; MCREYNOLDS KENT ; KARUL VIRGINIA KARUL ; LEBOEUF WILLIAM ; JOHN S.TRENT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J47/00 A61F13/15 B23B33/00 B23Q3/00 B32B23/02 B32B23/08 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/02 B32B3/10 B32B3/24 B32B37/00 B32B38/04 B32B38/06 B32B7/00 B32B7/02 B32B7/14 D04H3/16 (Advanced/Invention); B32B27/06 B32B3/10 B32B37/12 B32B37/15 (Advanced/Non–invention); A47J47/00 B32B23/00 B32B27/00 B32B27/12 B32B3/24 B32B38/04 B32B38/06 B32B7/00 D04H3/16 (Core/Invention); B32B37/14 (Core/Non–invention)

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Classification Explorer

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0) US2010230857A – PROCESS FOR MAKING AN EMBOSSED WEB

6) Family number: 46842448 (US2010230857A) © PatBase

Title: PROCESS FOR MAKING AN EMBOSSED WEB

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; PROCTER AND GAMBLE ; GROSS SARAH BETH ; MUHS KEVIN GERARD ; HAMMONS JOHN LEE ; ORR JILL MARLENE ; LAKE KIRK WALLACE ; MULLANE TIMOTHY IAN ; YOUNG ROGER DALE ; STONE KEITH JOSEPH ; VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; VAN VALKENBURG CURTIS HUNTER ; STRUBE JOHN BRIAN ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH

Assignee(s): DZE PROKTER EHND GEHMBL KOMPANI ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE COWORLD SHAVING HEADQUARTERSIP/LEGAL PATENT DEPARTMENT – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE COWORLD SHAVING H.Q.IP/LEGAL PATENT DEPT. – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; GROSS SARA BETH ; DALE YOUNG ROGER ; YOUNG ROGER DAYLE ; VANVALKENBURGH CURTIS HUNTER ; VALKENBURGH CURTIS HUNTER VAN ; MULLANE TIMOTHY IAN ; LAKE KIRK WALLACE ; YOUNG ROGER DALE ; TIMOTHY IAN MULLANE ; STONE KEITH JOSEPH ; KIRK WALLACE LAKE ; JOHN LEE HAMMONS ; JOHN JOSEPH CURRO ; JOHN BRIAN STRUBE ; JILL MARLENE ORR ; HUNTER VALKENBURGH CURTIS VAN ; GEORGE COE RICHARD ; FRANCIS GRAY BRIAN ; EOUNG ROGER D ; BETH GROSS SARAH ; VAN VALKENBURG CURTIS HUNTER ; COE RICHARD GEORGE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; GROSS SARAH BETH ; JOSEPH STONE KEITH ; MUHS KEVIN GERARD ; KEITH JOSEPH STONE ; STRUBE JOHN BRIAN ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; CURRO JOHN JOSEPH ; GERARD MUHS KEVIN

Inventor(s): STONE KEITH JOSEPH YOUNG ROGER DALE ; STONE KELTH JOSEPH ; STONE KELTH JOSEPH YOUNG ROGER D ; VAN VALKENBURGH CURTIS ; ROGER DALE

YOUNG ; SARAH BETH GROSS ; ROGER DAYLE YOUNG ; ROGER D YOUNG ; RICHARD GEORGE COE ; KEVIN GERARD MUHS ; GARY WAYNE GILBERTSON ; CURTIS HUNTER VAN VALKENBURGH ; BRIAN FRANCIS GRAY ; YOUNG ROGER DALEUS ; STONE KEITH JOSEPHUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47L13/16 A61C13/01 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/551 B26F1/24 B26F1/26 B28B11/08 B29C B29C43/24 B29C43/56 B29C55/18 B29C59/00 B29C59/02 B29C59/04 B29C63/02 B29C65/00 B29C65/18 B29C65/56 B29C65/66 B29C65/76 B29D7/01 B31B B31B39/14 B31F1/07 B32B B32B1/00 B32B27/06 B32B27/08 B32B27/12 B32B27/20 B32B27/32 B32B3/00 B32B3/10 B32B3/24 B32B3/26 B32B3/28 B32B3/30 B32B37/06 B32B38/06 B32B5/02 B32B5/06 B32B5/16 B32B5/24 B32B5/26 B32B7/00 B32B7/02 B32B7/04 B32B7/06 B32B7/08 B44C1/24 B44F1/08 B65B51/04 B65D30/02 B65D75/00 B65D75/04 B65F1/00 C08J5/18 D04H1/44 D04H1/72 D04H1/732 D04H1/76 D04H11/00 D04H11/08 D04H13/00 D04H3/07 D06C23/04 D06C3/00 D06C3/06 D21H27/02 D21H27/38 G02B5/30 (Advanced/Invention);
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A61F13/15 B26F1/00 B28B11/08 B29C43/32 B29C55/18 B29C59/02 B29C59/04 B29C63/02 B29C65/56 B31B39/00 B32B1/00 B32B27/32 B32B3/00 B32B3/10 B32B3/28 B32B3/30 (Core/Invention);
B29C B31B B32B (Subclass/Invention)

International class (IPC 1–7): B32B3/28

CPC: B29D7/01 B32B3/263 B29C43/24 B29C66/91221 A61F2013/5386 D04H3/07 D04H11/08 B29C66/9392 B32B9/28 B29C66/91431 B29C66/91218 B29C66/9141 Y10T428/1334 Y10T428/24628 Y10T428/24901 B29C66/934 A61F13/15731 B29C65/18 B29C66/71 B29C66/81435 B29C66/83511 B29C66/83513 B29C66/91421 B29L2009/00 B29L2031/4878 B31F1/07 B32B3/30 B32B2307/726 B32B2307/728 B32B2432/00 B32B2439/00 B32B2555/00 B29C66/939 B29C66/949 B44C1/24 B29C66/73152 A61F13/51104 A61F13/5121 B26F1/24 B29C55/18 B29C66/7294 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83415 B31F2201/0712 B32B5/022 B32B5/06 B32B7/045 B32B7/08 B32B37/0084 B32B2037/1072 B65D75/00 B65D85/00 B29K2023/06 B29K2023/12 B29C65/70 B29C65/72 B29C65/76 B32B7/04 B29C59/022 B29C59/04 B29C59/06 B29C66/21 B29C66/45 B29C66/729 B29C66/81264 B29C66/81423 B29C66/81433 B29C66/83413 B29C66/9121 B29C66/91216 B29C66/91411 B29C66/9161 B29C66/919 B29C66/91935 B29K2995/007 B29K2995/0089 B31F2201/0733 B31F2201/0738 B32B3/266 B32B7/02 B32B27/20 B32B38/06 B32B38/12 B32B2037/0092 B32B2323/04 B32B2323/10 Y10T428/24479 B29C66/81241 B29C66/727 B29C66/43 Y10T428/24612 B29C65/7894 B29C65/7891 B29C66/8322 Y10T428/24975 B32B5/18 B32B5/22 B32B5/24 B32B5/26 B32B9/02 B32B9/04 B32B15/04 B32B15/20 B32B23/04 B32B27/18 B32B27/22 B32B27/306 B32B27/308 B32B27/32 B32B27/322 B32B27/34 B32B27/36 B32B2262/02 B32B2262/0253 B32B2262/062 B32B2262/14 B32B2270/00 B32B2307/10 B32B2307/30 B32B2307/4026 B32B2307/50 B32B2307/546 B32B2307/72 B32B2553/00 B32B23/00 B32B27/302 B32B2262/04 B32B2307/51 B32B2439/06 B32B2439/46 B32B2439/70 B32B2457/00 B32B5/08 B32B29/002 B32B2264/10 B32B2307/514 B32B2307/54 B32B2581/00 D21H27/02 Y10T428/24273 Y10T428/24281 Y10T428/24636 B29C66/73343 A61F13/15739 D21H27/38 Y10T156/1039 Y10T428/24289 Y10T428/24496 Y10T428/24521 Y10T428/24545 D04H1/76 A61F13/15707 B29C59/046 B29L2009/001 B29C59/043 B32B2264/102 B32B2264/104 B32B2264/108 B32B2307/718 B32B2307/732 B32B15/043 B32B15/18 B32B27/288 B32B27/38 B32B2307/536 B32B2307/554 B32B2307/558 B32B27/06 B26F1/26 B29C65/56 B32B3/28 B32B27/08 B29C66/723 B29C66/72328 B29C66/72343 B32B27/12 B29C66/1122 B29C59/02

European class: A61F13/15M6 A61F13/15M6C A61F13/15M6D A61F13/511A A61F13/512A B26F1/24 B26F1/26 B29C55/18 B29C59/02C B29C65/18 B29C65/56 B29C66/21 B29C66/45 B29C66/7294 B29C66/81433 B29C66/81435 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83413 B29C66/83415 B29C66/83511 B29C66/83513 B31F1/07 B32B27/12 B32B27/20 B32B3/26B B32B3/28 B32B3/30 B32B38/06 B32B5/02A B32B5/06 B32B7/02 B32B7/04A B32B7/08 B44C1/24 L26F1/24 L29C59/02C L29C59/04 L29C59/06 L29C66/71 L29C66/82661 L29C66/83513 L29C66/919 L29C66/91935 L29C66/939 L29C66/949 L29L31/48E2 L29L9/00

L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L32B323/04 L32B323/10 L32B37/00D2 L32B37/00E L32B37/10G L32B38/12

US class: 1/1 156/219 156/219S 162/133 206/524.6 206/524.600S 264/154 264/155 264/156 264/175 264/175S 264/273 264/284 264/284P 264/285 264/286 264/293 264/293P 264/503 264/504 264/504P 264/508 264/509 264/555 264/570 383/105 383/105S 428/131 428/131S 428/132 428/132S 428/133 428/133P 428/138 428/156 428/156P 428/156S 428/158 428/158S 428/161 428/161S 428/164 428/164S 428/172 428/172P 428/174 428/174S 428/175 428/175S 428/207 428/216 428/35.2 428/85 428/85P

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0) US2009101748A – CORELESS ROLL OF WEB MATERIAL, MACHINE AND METH...

7) Family number: 33602444 (US2009101748A) © PatBase

Title: CORELESS ROLL OF WEB MATERIAL, MACHINE AND METHOD FOR ITS PRODUCTION

Priority: IT2005FI00086 20050502 US20080919666 20081114 WO2006IT00288 20060427 US20110067745 20110623

Family:

Publication number	Publication date	Application number	Application date
AT480483 E	20100915	AT20060728542T	20060427
AU2006242795 AA	20061109	AU20060242795	20060427
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US8689849 BB	20140408	US20110067745	20110623
WO06117821 A1	20061109	WO2006IT00288	20060427

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; ROMANO MADDALENI ; DZHELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05B1/00 B05C1/00 B05C9/00 B32B37/02 B65H18/08 B65H18/16 B65H18/20 B65H18/26 B65H18/28 B65H19/22 B65H19/28 B65H35/04 B65H39/14 (Advanced/Invention); B65H18/00 B65H18/08 B65H18/14 B65H19/22 B65H19/28 B65H35/04 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22

CPC: B65H19/2276 B65H2701/1846 B65H18/28

European class: B65H18/28 B65H19/22C L65H701/1846

US class: 118/75 118/75S 156/457 156/459 156/470 242/166 242/520 242/520S 242/526.1 242/526.100S 242/527.3 242/527.300S 242/528 242/532.1 242/532.2 242/532.3 242/541.2 242/541.200P 242/547 242/547S

Classification Explorer

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0) US2005238682A – TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

8) Family number: 32362115 (US2005238682A)

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Priority:

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US20130051635	20131011				

Family:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):[(std)]**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO LUIGI ; KLEINWAECHTER JOERG ; MARCOTT CURTIS A ; PROCTER AND GAMBLE ; MARCOTT CURTIS ALLEN ; WARNER RONALD RAY ; WARNER RONALD R

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; BUTZ KIRK

Inventor(s):[(std)]**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO GALASSO LUIGI ; DI GIROLAMO LUIGI ; DIRK ANAST JOHN M WARNER RONAL ; GIROLAMO LUIGI DI ; JOERG KLEINWAECHTER ; KLEINWAECHTER JOERG ; MARCOTT CURTIS ; MARCOTT CURTIS A ; MARCOTT CURTIS ALLEN ; LUIGI KLEINWAECHTER JOERG BUTZ ; SAEVECKE DIRK ; WARNER RONALD R ;

WARNER RONALD RAY ; WARNER RONALD ; ANAST JOHN ; DIRK BUTZ ; BUTZ KIRK

Inventor(s): WARNER ; MARCOTT ; RONALD RAY ; RONALD RAY WARNER ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN DI GIROLAMO LUIGI ; LUIGI ; LUIGI DI GIROLAMO ; JOHN MATTHEW ; JOHN MATTHEW ANAST ; KLEINWAECHTER ; JOERG ; DIRK ; CURTIS ALLEN ; CURTIS ALLEN MARCOTT ; DI GIROLAMO ; BUTZ ; ANAST JOHN M WARNER RONALD R KLEINWAECHTER JOERG B ; ANAST

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A47K10/16 A47K7/00 A61K7/00 A61K7/40 A61K7/48 A61K8/02 A61K8/30 A61K8/31 A61K8/34 A61K8/37 A61K8/41 A61K8/42 A61K8/55 A61K8/63 A61K8/68 A61K8/89 A61K8/92 A61K9/10 A61K9/70 A61L15/34 A61L15/44 A61L2/00 A61Q19/00 D06M13/00 D21C7/14 D21H17/03 D21H17/07 D21H17/13 D21H19/10 D21H19/66 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A01N25/34 A47K10/00 A47K7/00 A61K8/02 A61K8/30 A61K8/72 A61K8/92 A61K9/70 A61L15/16 A61L2/00 A61Q19/00 D21C7/00 D21H17/00 D21H19/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); A61F13/15 (Core/Non–invention)

International class (IPC 1–7): A61K9/70 A61L2/00 D21H19/10 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30

CPC: D21H19/10 D21H27/30 A61K9/70 A61K47/06 A61K47/08 A61K47/10 A61K47/16 D21C7/14 D21H27/02 A61K9/7007 A61F13/8405 A61L15/34 A61L15/44 A61L2300/22 A61L2300/602 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H21/14 A61K8/42 A61K8/0208 A61K2800/244 A61Q19/00 Y10T428/273

European class: A61K47/06 A61K47/08 A61K47/10 A61K47/16 A61K8/02C A61K8/42 A61K9/00 A61K9/00M3 A61K9/70 A61K9/70B A61L15/34 A61L15/44 A61Q19/00 D21C7/14 D21H19/10 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 K61F13/84B K61K201/054 K61K800/244 K61L300/220 K61L300/602

US class: 162/109 162/135 162/135S 162/158 162/158S 162/179 424/400 424/402 424/402P 424/404 424/414 424/443 424/443P 427/2.31 427/2.310S 427/240 427/458 428/341 428/341S

Classification Explorer

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0) US2006278355A – EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR...

9) Family number: 33992783 (US2006278355A) © PatBase

Title: EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR EMBOSSING ELEMENTS

Priority:

CA20062611326	20060607	CA20062763853	20060607	US20050147774	20050608
US20050147873	20050608	CA20122611326	20120124	EP20060772638	20060607
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Family:

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std): BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN B ; RASCH DAVID MARK ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL ; RASCH DAVID M

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std): FISHER WAYNE ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; RASCH DAVID ; RASCH DAVID M ; RASCH DAVID MARK ; WIWI KEVIN ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; BOATMAN DONN ; BOATMAN DONN N ; BOATMAN DONN NATHAN

Inventor(s): BOATMAN DONN NATHAN UNION ; WAYNE ROBERT FISHER ; KEVIN MITCHELL WIWI ; KEVIN BENSON MCNEIL ; DONN NATHAN BOATMAN ; DAVID MARK RASCH ; WIWI KEVIN MITCHELL WEST CHESTER ; RASCH DAVID MARK CINCINNATI ; MCNEIL KEVIN BENSON LOVELAND ; FISHER WAYNE ROBERT CINCINNATI

Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
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0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

10) Family number: 34576949 (US2007137808A) © PatBase

Title:	TREATED TISSUE PRODUCTS HAVING INCREASED STRENGTH

Priority:

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WO2006US47785	20061214	WO2006US38991	20061004	WO2007IB54367	20071026

WO2007IB54405	20071030	WO2007IB54404	20071030	US20110017807	20110131
WO2007US14475	20070621	WO2007IB54651	20071114	WO2007IB54652	20071115
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):(std)**:** BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH

DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention); C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

CPC: D21H21/20 D21H23/50 D21H27/02 B31F1/07 B31F2201/0733 B31F2201/0784 B31F2201/0787 D21H17/34 C11D17/041 D21H13/10 D21H19/12 D21H19/18 D21H25/005 D21H21/1 D21H19/2 D21H27/0 B32B2264/0257 B32B2307/54 B32B2555/00 Y10T428/24405 A47L13/17 A61Q1/14 A61Q19/10 C11D3/3749 C11D3/3757 C11D17/049 D21F11/14 D21F11/145 D21H17/36 D21H27/008 D21H27/30 A61K8/0208 A61K8/8111 A61K8/8147 A61Q19/00 D21H17/35 D21H27/001 D21H27/005 D21H27/00 D21H19/22 D21H21/22 B32B29/005 B32B2317/12 B32B2432/00 A47K10/16 B32B5/22 D21H17/37 D21H19/20 D21H21/146 D21H21/18 D21H27/002

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0) US5611890A – TISSUE PAPER CONTAINING A FINE PARTICULATE FILL...

11) Family number: 30377829 (US5611890A)

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Title: TISSUE PAPER CONTAINING A FINE PARTICULATE FILLER

Priority:

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Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):[(std)]**:** BOURBON ROBERT MICHAEL ; DEASON HOWARD THOMAS ; PROCTER AND GAMBLE ; PAPER SCIENCE AND TECH INST INC ; PAPER SCIENCE AND TECHNOLOGY R ; LORENZ DAVID JOCHEN ; NEAL CHARLES WILLIAM ; PAPER SCI AND TECH INST ; INST OF PAPER SCIENCE AND TECHNO ; PAPER SCIENCE AND TECHNOLOGY I ; PAPER SCIENCE AND TECHNOLOGY RESEARCH INST ; PROCTER AND GAMBLE CO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER Y GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTOR AND GAMBLE CO ; PROCTER Y GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY INC ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; PAPER SCIENCE AND TECHNOLOGY INST ; OF PAPER SCIENCE AND TECHNOLOGY INC INST ; OF PAPER SCIENCE AND TECHNOLOGY INST ; PROCTER AND ; ERSPAMER JOHN PAUL ; FICKE JONATHAN ANDREW ; GAMBLE CO ; GEORGIA TECH RESEARCH CORP ; HALTER JEFFRESS PAUL ; HERSKO BART STEVEN

Inventor(s):[(std)]**:** BOURBON ROBERT MICHAEL ; BOURDON ROBERT M ; BOURDON ROBERT MICHAEL ; CHARLES W NEAL ; CHARLES WILLIAM NEAL ; DAVID JOCHEN LORENZ ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; ERSPAMER JOHN P ; ERSPAMER JOHN PAUL ; BART S HERSKO ; BART S HESKO ; BART STEVEN HERSKO ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; HALTER JEFFRESS P ; HALTER JEFFRESS PAUL ; HALTER JEFRESS PAUL ; HERSKO BART S ; HERSKO BART STEVEN ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JEFFRESS PAUL HALTER ; JOHN P ERSPAMER ; JOHN PAUL ERSPAMER ; JONATHAN A FICKE ; KENNETH DOUGLAS VINSON ; LORENZ DAVID JOCHEN ; NEAL CHARLES

W ; NEAL CHARLES WILLIAM ; NEAL CHARLES WILLIAM AND ; PAUL THOMAS WEISMAN ; ROBERT M BOURDON ; ROBERT MICHAEL BOURDON ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN PAUL ; VINSON KENNETH ; VINSON DOUGLAS ; NEAL WILLIAM ; NEAL CHARLES ; LORENZ DAVID ; HESKO BART S ; HALTER PAUL ; ERSPAMER PAUL ; DEASON HOWARD ; BOURDON ROBERT ; ANDREW FICKE JONATHAN ANDREW ; JONATHAN ANDREW FICKE ; KENNETH D VINSON

Inventor(s): Kenneth Douglas ; Vinson ; Jonathan Andrew ; JEFRESS PAUL HALTER ; Hersko ; Barth Steven ; Ficke

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 D21H11/12 D21H15/02 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/67 D21H17/68 D21H27/00 D21H27/40 (Advanced/Non–invention); A47K10/00 D21H17/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K10/16 B32B D21H11/12 D21H15/04 D21H17/00 D21H17/06 D21H17/45 D21H17/55 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40

CPC: D21H27/38 Y10T428/24455 Y10T428/24463 D21H27/40 D21H17/68 D21H17/67

European class: D21H17/67 D21H17/68 D21H27/38 D21H27/40 N21H17/68

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/149 162/158 162/164.1 162/168.1 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183 428/153 428/154

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0) US2001050083A – IRRADIATION ENHANCED PERMEATION AND DELIVERY

12) Family number: 44207603 (US2001050083A)

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Title: IRRADIATION ENHANCED PERMEATION AND DELIVERY

Priority:

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Probable Assignee: TRANSMEDICA INT INC

Assignee(s):(std)**:** FLOCK STEPHEN T ; TRANSMEDICA INTERNATIONAL INC ; TRANSMEDICA INTERNATL INC ; TRANSMEDICA INTERNAT INC ; TRANSMEDICA INT INC ; TINNITUS CONTROL INC ; VENISECT INC ; WANER MILTON ; VESTAL CHARLES H

Assignee(s): TRANSMEDICA INT ; NORWOOD ABBEY LTD ; MARCHITTO KEVIN S ; LEHMAN PAUL ; BERNARD MATTHEWS LIMITED ; BERNARD MATTHEWS LTD ; LABARGE INC

Inventor(s):(std)**:** LEHMAN PAUL ; LEHMAN PAUL A ; LEHMANN PAUL ; MARCHITLO KEVIN S ; MARCHITO KEVIN S ; MARCHITTO KEVIN S ; VESTAL CHARLES H ; VESTAL H ; WANER MILTON ; SITLER DONALD D ; FLOCK T ; FLOCK STEPHEN T ; DUBE GEORGE ; CHOY DANIEL S J

Inventor(s): CHOY DANIEL SJ ; CHARLES H VESTAL ; VESTAL CHARLES ; FLOCK STEPHEN ; STEPHEN T FLOCK ; KEVIN S MARCHITTO ; MILTON WANER ; PAUL LEHMAN ; PAUL LEHMANN ; MARCHITTO KEVIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A61B10/00 A61B17/00 A61B17/34 A61B18/00 A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61B5/154 A61J1/05 A61J3/00 A61K9/06 A61M21/00 A61M37/00 A61M5/00 A61N1/16 A61N1/30 A61N5/06 A61N5/067 G10K11/178 H01S3/06 (Advanced/Invention);
A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61B5/15 A61M37/00 H01S3/02 H01S3/092 (Advanced/Non–invention);
A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/06 H01S3/06 (Core/Invention);
A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61M37/00 H01S3/02 H01S3/0915 (Core/Non–invention)

International class (IPC 1–7): A16N5/00 A61B10/00 A61B17/36 A61B18/18 A61B18/20 A61B19/00 A61B5/00 A61B5/14 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/00 A61N5/06 A61N5/067

CPC: H01S3/025 H01S3/0602 H01S3/093 A61M21/00 A61M2021/0027 G10K11/178 A61B5/7217 A61B5/150343 A61B5/15138 H04R25/75 A61B5/150076 A61B5/150099 A61B2090/395 A61B2010/008 A61B2017/00057 A61M2037/0007 A61B5/15134 A61B5/411 A61B17/205 A61B17/3476 A61B18/20 A61B18/203 A61B2017/00765 A61B2018/00452 A61B2218/008 A61M37/00 A61N1/16 A61B5/150755 A61B5/150351 A61B5/150954 A61B5/150022

European class: A61B18/20 A61B18/20H A61B5/14 A61B5/151B A61B5/41B A61M21/00 A61M37/00 A61N1/16 G10K11/178 H01S3/06A H04R25/75 K61B10/00L11 K61B17/00C1L K61B17/00R2S K61B17/20B K61B17/34P K61B18/00F8 K61B19/54J6 K61B218/00D4D K61B5/14 K61B5/14B2 K61M21/00A5 K61M37/00 K61M37/00D T01S3/02S T01S3/093

US class: 128/770 128/897 128/898 128/898S 600/573 600/573P 604/20 604/20S 604/21 606/10 606/10S 606/13 606/13S 606/17 606/17S 606/2 606/2S 606/3 606/7 606/9 606/9P 606/9S 607/88 607/88S 607/89 607/89S

Classification Explorer

Cited documents: WO9707734 A1, WO9409713 A1, WO9214514 A1, US6156030 A, US5713845 A, US5658892 A, US5657760 A, US5644585 A, US5643252 A, US5642370 A, US5636632 A, US5630811 A, US5624434 A, US5617851 A, US5614502 A, US5611795 A, US5586981 A, US5582184 A, US5556612 A, US5554153 A, US5553629 A, US5522813 A, US5468239 A, US5461212 A, US5458140 A, US5445611 A, US5437658 A, US5423803 A, US5423798 A, US5421816 A, US5397327 A, US5360447 A, US5360426 A, US5342355 A, US5324200 A, US5312395 A, US5304170 A, US5290279 A, US5290273 A, US5281214 A, US5246436 A, US5231975 A, US5182759 A, US5165418 A, US5137817 A, US5125922 A, US5074861 A, US5074860 A, US5066293 A, US5066291 A, US5030217 A, US5029581 A, US5013119 A, US4985029 A, US4960467 A, US4951663 A, US4949728 A, US4941093 A, US4940411 A, US4917084 A, US4882492 A, US4850352 A, US4829262 A, US4827484 A, US4775361 A, US4712537 A, US4710940 A, US4705036 A, US4648892 A, US4641912 A, US4628416 A, US4383729 A, US4028636 A, US3865113 A, US3622743 A, SU2027450, SU2005515, SU1670858 T, SU1614808 T, RU2063180 C1, RU2027450 C1, RU2005515 C1, JP7039542 A2, JP4314428 A2, EP0214712 A1,

0) US2012228306A – LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH ...

13) Family number: 51896376 (US2012228306A)

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Title: LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH PEELABLE DETACHABLE LAYERS

Priority:

US20110450565P	20110308	US20110487677P	20110518	US20110494170P	20110607
US20110552663P	20111028	US20110552687P	20111028	US20120415781	20120308
US20120670168P	20120711	WO2012US61535	20121024	WO2013US36273	20130412
WO2012US61535	20120711	US20130413045	20130412	US20160053108	20160225

Family:

Publication number	Publication date	Application number	Application date
AU2013289175 AA	20140116	AU20130289175	20130412
CA2878251 AA	20141231	CA20132878251	20130412
CN104427986 A	20150318	CN201380037065	20130412
EP2872142 A1	20150520	EP20130718720	20130412
IN10801DN2014 A	20150904	IN2014DN10801	20141217
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KR20150036014 A	20150407	KR20157000335	20130412
MX2015000457 A1	20150408	MX20150000457	20130412
RU2015104537 A	20160827	RU20150104537	20130412
TW201332551 A	20130816	TW20120139805	20121026

US2012228306 AA	20120913	US20120415781	20120308
US2015202203 AA	20150723	US20130413045	20130412
US2016176611 AA	20160623	US20160053108	20160225
US9302842 BB	20160405	US20120415781	20120308
WO12122427 A2	20120913	WO2012US28372	20120308
WO12122427 A3	20121227	WO2012US28372	20120308
WO14011284 A1	20140116	WO2013US36273	20130412

Probable Assignee: CONVERTER MFG INC

Assignee(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F ; NOVARTIS AG ; NOVARTIS INT AG ; CONVERTER MFG INC

Assignee(s): CONVERTER MFG LLC ; CONVERTER MANUFACTURING INC ; NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH INC

Inventor(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F

Inventor(s): FANG LI ; JOHN E MONAHAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61K31/404 A61K31/4709 A61K31/4745 A61K31/496 A61K31/506 A61K31/5355 A61K39/395 A61K45/06 A61P1/00 A61P35/00 A61P43/00 B65B1/04 B65D1/22 B65D25/04 B65D25/14 B65D51/28 B65D77/30 B65D81/26 (Advanced/Invention); B65D1/22 B65D1/26 B65D25/04 B65D25/14 (Advanced/Non–invention)

CPC: B65D65/40 B65D81/265 A61K31/4709 A61K31/404 Y02W30/801 A61K31/4745 A61K31/5355 A61K31/506 A61K31/496 A61K45/06 B65D1/22 B65D1/26 B65D25/04 B65D25/14 B65D81/264 B65D51/28 B65D77/30 B65D2577/205 B65D2577/2075 B65D81/262

European class: B65D81/26C1

US class: 1/1 206/204 220/501 220/521 426/106 514/252.18 53/467

Classification Explorer

Cited documents: WO12001074 A2, WO09141386 A1, WO09141213 A1, WO09115562 A2, WO08060688 A1, WO08037716 A2, WO07064719 A2, WO07059187 A1, WO07015871 A1, WO07015870 A2, WO06127926 A2, WO06124413 A2, WO06000420 A1, WO05046589 A2, WO05004658 A1, WO04005281 A1, WO03087095 A1, WO03066613 A1, WO0222598 A1, US9302842 BB, US7921992 BB, US6894051 BA, US6391402 BA, US6223894 BA, US5521184 A, US2014288073 AA, US2012052165 AA, US2009215793 AA, US2008031553 AA, US2007056863 AA, US2005267125 AA, JP2000344224 A2,

0) US20100750 94A – MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ...

14) Family number: 41774628 (US2010075094A)

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Title: MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ROLLS OF SHEETS WITH ALTERNATING CUTS AND PRE–CUTS

Priority:

CA20132803402	20130123	CN201380008541	20130208	US20120359254	20120126
US20120370511	20120210	FR20060009546	20061031	US20090513004	20090430
WO2007FR01737	20071022	WO2007FR75094	20071022	US20120632501	20121001
WO2013US25334	20130208	US20140576534	20141219	WO2015US66015	20151216

Family:

Publication number	Publication date	Application number	Application date
AU2013216894 AA	20130815	AU20130216894	20130208
AU2013216894 BB	20171019	AU20130216894	20130208
CA2667133 AA	20090421	CA20072667133	20071022
CA2667133 C	20150127	CA20072667133	20071022
CA2803402 AA	20130726	CA20132803402	20130123
CA2864324 AA	20140808	CA20132864324	20130208
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CN104105434 B	20170815	CN201380008541	20130208
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JP2015511839 T2	20150423	JP20140556723T	20130208
MX2013000887 A1	20130725	MX20130000887	20130122
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US2010075094 AA	20100325	US20070513004	20071022
US2012138625 AA	20120607	US20120370511	20120210
US2012237711 AA	20120920	US20120359254	20120126
US2013040089 AA	20130214	US20120632501	20121001
US2015102048 AA	20150416	US20140576534	20141219
US8298640 BB	20121030	US20070513004	20071022
US8741410 BB	20140603	US20120632501	20121001
US8802211 BB	20140812	US20120359254	20120126
WO08056042 A2	20080515	WO2007FR01737	20071022
WO08056042 A3	20081218	WO2007FR01737	20071022
WO13119940 A1	20130815	WO2013US25334	20130208
WO16100462 A1	20160623	WO2015US66015	20151216

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** CATTACIN GILLES ; ENGGASSER YVES ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; DIXIE CONSUMER PRODUCTS LLC ; ANDRES ANN M ; CASE ABBY C ; GENNRICH DAVID JAMES ; MARIETTA TONDIN JULIEN ; LAURENT PIERRE ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; GEORGIA PACIFIC FRANCE SOC PAR ; NEVEU JEAN LOUIS ; GEORGIA PACIFIC FRANCE

Assignee(s): GEORGIA PACIFIC FRANCE SOCIETE PAR ACTIONS SIMPLIFIEE ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A ; GEORGIA PACIFIC FRANCE11 ROUTE INDUSTRIELLEF−68320KUNHEIMFR ; GEORGIA PACIFIC FRANCE SOC PAR ACTIONS SIMPLIFIEE ; GENNRICH DAVID J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; CASPER TED ALLEN ; DESIGN CONCEPTS INC

Inventor(s):(std)**:** ANDRES ANN M ; CASE ABBY C ; CASPER TED ALLEN ; CATTACIN GILLES ; ENGGASSER YVES ; GENNRICH DAVID JAMES ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; NEVEU JEAN

LOUIS ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; STRAHM CHRISTOPHER T CT ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A SA ; LATHAM STEPHEN A ; KALLSEN KENT J KJ ; GENNRICH DAVID J DJ ; GENNRICH DAVID J ; CASE ABBY C AC

Inventor(s): ANN M ANDRES ; ABBY C CASE ; DAVID J GENNRICH ; CHRISTOPHER T STRAHM ; JULIEN MARIETTA TONDIN ; GILLES CATTACIN ; KENT J KALLSEN ; STEPHEN A LATHAM ; REMY RUPPEL ; PIERRE LAURENT ; STRAHM CHRISTOPHER TUS ; YVES ENGGASSER ; NEVEU JEAN LOUISFR ; LATHAM STEPHEN AUS ; KALLSEN KENT JUS ; GENNRICH DAVID JUS ; JEAN LOUIS NEVEU ; ENGGASSER YVESFR ; CATTACIN GILLESFR ; CASE ABBY CUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/34 A47K10/36 A47K10/38 A47K10/40 A47K10/42 A47K10/44 B26D1/62 B31B49/00 B32B3/24 B65H16/00 B65H16/02 B65H20/02 B65H23/182 B65H35/04 B65H35/10 B65H37/06 B65H45/12 B65H45/14 B65H45/16 B65H45/18 B65H45/28 D21F7/00 (Advanced/Invention);
A47K10/00 B26D1/00 B65H16/00 (Core/Invention);
A47K B65H (Subclass/Invention)

CPC: B31D1/0031 B31D1/04 B65H16/005 B65H2301/41306 B65H2701/121 B65H45/28 Y10T428/15 A47K10/16 Y10T83/0515 Y10T83/483 B65H35/10 A47K10/3625 B65H37/06 A47K10/26 A47K10/3612 A47K10/3687 A47K10/426 A47K2010/3668 G07F11/045 B65H31/02 B65H31/24 B65H31/3009 B65H33/00 B65H33/14 B65H2301/4212 B65H2301/4213 B65H2405/11152 B65H2405/332 B65H2511/30 A47K10/42 B65H45/142 B65H45/18 B65H2701/1924

European class: A47K10/16 A47K10/42 B31D1/00F B31D1/04 B65H45/14D B65H45/18 L65H701/1924

US class: 221/1 221/30 221/30P 221/34 221/34S 221/40 428/43 428/43P 493/369 83/343 83/343S 83/37 83/37S

Classification Explorer

Cited documents: WO9837794 A1, WO9721377 A1, WO13119940 A1, WO08056042 A2, WO06007256 A1, USRE34288 E, US8662346 BB, US8298640 BB, US7971514 BB, US7967235 BB, US7954405 BB, US7837077 BB, US7832678 BB, US7416162 BB, US7370826 BB, US7234610 BB, US7168602 BB, US7137539 BB, US7063656 BA, US6964395 BA, US6959885 BB, US6915980 BB, US6892898 BA, US6889970 BB, US6884209 BB, US6874653 BB, US6871815 BB, US6860447 BB, US6838887 BB, US6826991 BA, US6736348 BA, US6651922 BA, US6644503 BB, US6622888 BB, US6592067 BB, US6581500 BA, US6536624 BB, US6464120 BA, US6460727 BA, US6447864 BB, US6440052 BA, US6352172 BA, US6237871 BA, US6228454 BA, US6152397 A, US6145782 A, US6145779 A, US6109473 A, US6090467 A, US607498 A, US6059711 A, US6029921 A, US6010090 A, US5979822 A, US5846412 A, US5836862 A, US5785274 A, US5704566 A, US5582362 A, US5526973 A, US5496605 A, US5364332 A, US5310398 A, US5244161 A, US5205454 A, US5131302 A, US511983 A, US5064179 A, US5048809 A, US5044873 A, US4982337 A, US495516 A, US4944466 A, US4928432 A, US4905868 A, US4856724 A, US4846412 A, US4807824 A, US4756485 A, US4753369 A, US4651895 A, US4648530 A, US4643705 A, US4627117 A, US459516 A, US4566608 A, US4552315 A, US453003 A, US4521209 A, US4457964 A, US4403748 A, US4378912 A, US4317547 A, US4236679 A, US4134521 A, US400913 A, US390328 A, US3877576 A, US3845289 A, US3570335 A, US3326365 A, US3276706 A, US2328109 A, US2105707 A, US2053786 A, US2016088982 AA, US2013040089 AA, US2012237711 AA, US2012138625 AA, US2011319244 AA, US2011254214 AA, US2011233254 AA, US2011226883 AA, US2011210137 AA, US2011184864 AA, US2011177278 AA, US2011168831 AA, US2011139920 AA, US2011132920 AA, US2010304945 AA, US2010224647 AA, US2010114366 AA, US2010075094 AA, US2009212153 AA, US2009155512 AA, US2008280088 AA, US2008197142 AA, US2008173661 AA, US2007544 A, US2007098944 AA, US2006273100 AA, US2006175344 AA, US2005067519 AA, US2004254054 AA, US2003183717 AA, US2003169046 AA, JP7069529 A2, JP6022882 A2, JP2012006741 A2, JP2009039226 A2, JP2005065730 A2, JP2004129863 A2, JP2003290072 A2, JP2003144344 A2, JP2002017601 A2, JP11178741 A2, GB2377204 A1, FR2873562 A1, FR2761252 A1, EP1232715 B1, EP1231823 B1, EP1230886 B1, EP0930039 B1, EP0865247 B1, DE20314147 U1, DE20107189 U1, DE10256295 A1, CN101883514 A,

0) US2001009883A – VACUUM ASSISTED APPARATUS AND METHOD

15) Family number: 28130627 (US2001009883A) © PatBase

Title: VACUUM ASSISTED APPARATUS AND METHOD

Priority:

EP20000948654	20000713	EP20040027390	20000713	US20020218917	20020813
US20010803856	20010312	US19990353474	19990713	EP20100182904	20000713
WO2000US19112	20000713				

Family:

Publication number	Publication date	Application number	Application date
AU200062124 A1	20010130	AU20000062124	20000713
AU200062124 A5	20010130	AU20000062124	20000713
BRPI0012426 A	20020521	BR2000PI12426	20000713
CA2379377 AA	20020114	CA20002379377	20000713
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US2003045415 AA	20030306	US20020218917	20020813
US6296601 BA	20011002	US19990353474	19990713
US6431038 BB	20020813	US20010803856	20010312
WO0103913 A1	20010118	WO2000US19112	20000713

Probable Assignee: CG BRETTING MFG CO INC

Assignee(s):(std)**:** C G BRETTING MFG COM ; BRETTING C G MFG CO INC ; COUTURIER DENNIS P

Assignee(s): DENNIS P COUTURIER ; C G BRETTING MANUFACTURING CO ; C G BRETTING MANUFACTURING CO INC ; CG BRETTING MFG CO INC ; CGBRETTING MFG CO INC ; C G BRETTING MFG CO INC ASHLAND ; CG BRETTING MFG ; C G BRETTING MANUFACTURING COMPANY INC ; C G BRETTING MFG CO INC ; CG BRETTING MFG CO

Inventor(s):(std)**:** COUTURIER DENNIS P ; COUTURIER P

Inventor(s): DENNIS PCOUTURIER ; DENNIS P COUTURIER ; COUTURIER DENNIS P WASHBURN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B01J21/08 B26D1/62 B26D5/02 B26D7/01 B31B1/14 B65H35/08 (Advanced/Invention)

B01J21/08 B26D1/62 B26D3/00 B26D7/01 B31B1/12 B31B1/14

International class (IPC 1–7):

CPC: Y10T83/05 Y10T83/0515 Y10T83/4659 Y10T83/4711 Y10T83/8733 Y10T83/8748 B26D5/02 B26D1/425 B26D1/626 B26D7/018 B65H35/08 B65H2406/33 B65H2406/3612 B65H2406/3632 B65H2511/10 B65H2601/121

European class: B26D1/62B B26D5/02 B26D7/01F B65H35/08 L26D1/42B L65H406/33 L65H406/3612 L65H406/3632 L65H511/100 L65H601/121 L65H612/100

US class: 493/123 493/123P 493/353 493/361 493/365 83/287 83/305 83/34 83/340 83/37 83/553 83/563

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

16) Family number: 14416980 (US5538778A) © PatBase

Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

Priority:

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Probable Assignee: LIBEROPAX LLC

Assignee(s):(std)**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN US ; GEAMI LTD

Inventor(s):(std)**:** JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES

Inventor(s): DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ

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International class (IPC 8–9): B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)

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0) US2002016122A – ELASTIC LAMINATE WEB

17) Family number: 42243767 (US2002016122A)

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Title: ELASTIC LAMINATE WEB

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BENSON DOUGLAS HERRIN ; PROCTER AND GAMBLE ; P AND G CO ; CURRO JOHN JOSEPH ; STRUBE JOHN BRIAN

Assignee(s): SPENCER ANTHONY STEPHEN ; PROCTER AND GAMBLE CO CINCINNATI ; MANSFIELD MICHELE ANN ; KAMINISKI ANNEKE MARGARET ; DYE DEBORAH RUTH ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; PROCTTER AND GAMBLE CO ; DUGAS MICHAEL BERNARD ; PROCTER AND GAMBLE CO ; CURRO JOHN J ; ALWATTARI ALI ABDELAZIZ ; BENSON DOUGLAS H

Inventor(s):(std)**:** BRIAN CURRO JOHN JOSEPH BENSON ; BRIAN STRUBE JOHN ; CURRO J J ; CURRO JOHN ; CURRO JOHN JOSEPH ; DUGAS MICHAEL BERNARD ; DUGAS RONALD JOSEPH ZINK MICHA ; DYE D R ; DYE DEBORAH RUTH ; HERRIN BENSON DOUGLAS ; BENSON D H ; BENSON DOUGLAS ; BENSON DOUGLAS HERRIN ; DOUGLAS HERRIN BENSON ; JOSEPH CURRO JOHN ; KAMINISKI ANNEKA MARGARET ; MARGARET KAMINISKI ANNEKE ; MICHAEL BERNARD DUGAS ; OYE D R ; STRUBE JOHN ; STRUBE JOHN BRAIN ; STRUBE JOHN BRIAN ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; STAHL EDWARD KENNETH ; ROBERSON CHARLES DETWILER ; PECK DANIEL CHARLES ; FERESHTEHKHOU SAEED ; DUGAS MICHAEL B ; MANSFIELD CURRO JOHN JOSEPH AL ; MANSFIELD MICHELLE ANN ; ZINGELMANN JESSICA ; ZINK RONALD J II ; CURRO JOHN J ; BROWN JESSICA ZINGELMANN ; BENSON DOUGLAS H ; BALDWIN JR ALFRED FRANK ; SPENCER ANTHONY STEPHEN ; MANSFIELD MICHELE ANN ; KOEHLER DEBORAH ADAMO ; KAMINISKI ANNEKE MARGARET ; JONES WALTER GOMER ; GILLETTE SAMUEL

MARK ; BALDWIN ALFRED FRANK ; ANN MANSFIELD MICHELE ; ALWATTARI ALI ABDELAZIZ ; ABDELAZIZ ALWATTARI ALI

Inventor(s): ZINK RONALD ; STRUBE JOHN BRIAN HAMILTON ; DUGAS MICHAEL ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE JOHN BRIAN ; BALDWIN JR ALFRED FRANC ; ZINK RONALD JII ; MANSFIELD MICHELLE ANN CINCINNATI ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ... ; STRUBE JOHN BRIAN OKEANA ; RONALD JOSEPH ZINK ; RONALD JOSEPH ZINK MICHAEL BERNARD DUGAS ; SPENCER ANTHONY STEPHEN WOODSTOCK ; KAMINISKI ANNEKA MARGARET CINCINNATI ; DR DYE ; DR OYE ; BENSON DOUGLAS HERRIN WEST HARRISON ; J J CURRO ; JJ CURRO ; JOHN BRAIN STRUBE ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ BENSON DOUGLAS HERRIN KAMINISKI ANNEKE MARGARET MANSFIELDMICHELE ANN STRUBE JOHN BRIAN ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE ; CURRO JOHN JOSEPH CINCINNATI ; D H BENSON ; D R DYE ; D R OYE ; DEBORAH RUTH DYE ; DH BENSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A47L1/15 A47L13/16 A47L13/17 A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/535 A61F13/539 A61F13/56 A61F5/44 A61F5/48 A61K8/00 A61K8/02 A61K8/73 A61Q1/00 A61Q1/02 A61Q15/00 A61Q17/04 A61Q19/00 A61Q19/02 A61Q19/10 A61Q5/12 A61Q90/00 B26F1/08 B26F1/20 B26F1/24 B29C31/00 B29C55/02 B29C55/18 B29C59/00 B29C59/04 B29C65/00 B29C65/02 B29C65/18 B29C65/74 B29C69/00 B29D31/00 B29D99/00 B29L31/48 B32B15/04 B32B25/10 B32B27/02 B32B27/06 B32B3/02 B32B3/06 B32B3/10 B32B3/24 B32B3/26 B32B37/00 B32B37/12 B32B37/14 B32B37/16 B32B37/30 B32B38/00 B32B38/04 B32B5/02 B32B5/04 B32B5/22 B32B5/24 B32B5/26 B32B7/02 B32B7/04 B65D33/36 B65D75/30 B65D75/58 C11D17/04 D04H1/54 D04H1/559 D04H13/00 D21H27/30 D21H27/32 H01B1/00 H01B7/08 (Advanced/Invention);
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A47L13/16 A61F13/15 A61F5/44 A61K8/00 A61K8/02 A61K8/72 A61Q1/00 A61Q1/02 A61Q15/00 A61Q17/04 A61Q19/00 A61Q19/02 A61Q19/10 A61Q5/12 A61Q90/00 B26F1/00 B29C55/18 B32B3/24 B32B38/04 B32B5/22 B32B7/04 C11D17/04 D04H13/00 (Core/Invention);
B32B (Subclass/Invention);
A61F (Subclass/Non–invention)

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European class: A47L1/15 A47L13/17 A61F13/15M2B A61F13/15M5 A61F13/15M6 A61F13/15M6C A61F13/15M7 A61F13/49D2H A61F13/511A A61F13/511D A61F13/512 A61F13/512B A61F13/513 A61F13/514B1A A61F13/514B2 A61F13/514C1 A61F13/514C2 A61F13/53 A61F13/536 A61F13/537 A61F13/539 A61F13/84B A61K8/02C A61Q19/00 A61Q19/10 B26F1/20 B26F1/24 B29C55/02B B29C55/18 B29C59/00G B29C65/02 B29C65/18 B29C65/7437 B29C66/21 B29C66/4722 B29C66/83411 B29C66/83413 B29C69/00 B32B15/04 B32B27/06 B32B3/26B B32B37/00D B32B37/14B B32B38/00A B32B38/00C B32B38/04 B32B5/04 B32B5/26 B32B7/04 B65D75/30 B65D75/58 C11D17/04F D04H13/00B2 D04H13/00B5 H01B7/08E K61F13/494A1D K61F13/511E1 K61F13/511E5 K61F13/513D K61F13/537E4 L29C47/00J5 L29C47/00J9 L29C47/00L8 L29C59/04 L29C65/18 L29C66/45 L29C66/83511 L29C793/00E L29K105/08C L29K995/00F17 L29L31/48E2 L29L31/737 L29L31/7374 L29L9/00 L32B305/18 L32B305/20 L32B307/202 L32B307/204 L32B307/510 L32B37/00E L32B37/12 L32B38/00C8 L32B38/04C L32B555/02

US class: 156/184 156/184S 156/229 156/229S 156/50 156/51 156/52 156/55 156/56 162/123 162/123S 162/125 162/125S 162/128 162/128S 162/132 162/132S 174/113.00R 174/113R 174/119 174/119.00R 174/119.00RS 174/119R 174/120.00R 174/120R 174/121 174/121.00R 174/121.00RS 174/121R 174/122.00R 174/122R 174/124.00R 174/124R 174/68.1 174/68.100P 174/68.100S 239/53 239/57 428/103 428/103S 428/131 428/131S 428/134 428/136 428/137 428/137P 428/138 428/138S 428/156 428/156S 428/158 428/166 428/167 428/167S 428/172 428/172S 428/192 428/192S 428/195.1 428/196 428/196S 428/198 428/198P 428/201 428/212 428/221 428/292.1 428/297.1 428/320.2 428/321.1 428/34.8 428/36.1 428/68 428/71 428/72 428/72S 428/74 428/76 428/81 428/81S 442/123 442/123S 442/239 442/239S 442/327 442/327S 442/328 442/328S 442/329 442/336 442/336P 442/361 442/361S 442/370 442/373 442/373P 442/373S 442/376 442/377 442/377S 442/378 442/379 442/379S 442/381 442/381P 442/381S 442/389 442/389S 442/392 442/392S 442/393 442/394 442/394S 442/399 442/409 442/409S 442/412 604/378 604/378P 604/383 604/383S

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0) US2012273146A – BULKED ABSORBENT MEMBERS

18) Family number: 52216844 (US2012273146A)

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Title: BULKED ABSORBENT MEMBERS

Priority:

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WO13163388 A1	20131031	WO2013US38156	20130425

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; DIPILLA MARIO ; GROSS SARAH BETH ; CURRO JOHN JOSEPH ; DI PILLA MARIO ; MARINELLI LUIGI ; LAKE KIRK WALLACE ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; MULLANE TIMOTHY IAN ; KOCHER LEROY JOSEPH ; ISBURGH ROBERT KARL ; MUHS KEVIN GERARD ; STRUBE JOHN BRIAN ; PRIESSMAN KEITH ROBERT ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE COMAPNY

Assignee(s): PROCTOR AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTER AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH ; DIPILLA MARIO ; GROSS SARAH BETH ; HAMMONS JOHN LEE ; JILL MARLENE ORR ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; JOHNSON KEITH ROBERT ; KIRK WALLACE LAKE ; KOCHER JOSEPH LEROY ; KOCHER LEROY JOSEPH ; LAKE KIRK WALLACE ; LEROY JOSEPH KOCHER ; MULLANE TIMOTHY IAN ; ORR JILL MARLENE ; PILLA MARIO DI ; PRIESSMAN KEITH ROBERT ; MARINELLI LUIGI ; STRUBE JOHN BRIAN ; TIMOTHY IAN MULLANE ; MULLANTE TIMOTHY IAN ; ISBURG ROBERT KARL ; MUHS KEVIN GERARD ; ISBURGH ROBERT KARL ; DI PILLA MARIO ; CUPRO JOHN JOSEPH

Inventor(s): MARIO DIPILLA ; CARMINE CIMINI ; HAMMONS JOHN LEEUS ; GROSS SARAH BETHUS ; COE RICHARD GEORGEUS ; MULLANE TIMOTHY IANUS ; MUHS KEVIN GERARDUS ; KOCHER LEROY JOSEPHUS ; ISBURGH ROBERT KARLUS ; ORR JILL MARLENEUS ; MARIO DI PILLA ; RICHARD GEORGE COE ; SARAH BETH GROSS ;

LUIGI MARINELLI ; JOSEPH LEROY KOCHER ; KEITH ROBERT JOHNSON ; KEITH ROBERT PRIESSMAN ; JOHN LEE HAMMONS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B13/04 A61F13/00 A61F13/15 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 A61L15/20 A61L15/22 B26F1/10 B26F1/14 B26F1/20 B26F1/24 B29C43/24 B29C53/22 B29C53/24 B29C55/08 B29C55/18 B29C59/04 B29C70/46 B31F1/00 B31F1/07 B31F1/20 B31F1/22 B32B1/00 B32B3/00 B32B3/02 B32B3/10 B32B3/24 B65H35/00 B65H35/02 C08F110/02 C08G63/183 D04H1/26 D04H1/425 D06C23/04 D06C3/00 D06C3/06 D21F11/00 D21H27/02 (Advanced/Invention); B29C43/22 B29C43/46 B29C53/22 B29C53/26 B29C53/28 B29C59/04 D21H27/00 (Advanced/Non–invention)

CPC: B31F2201/0756 B31F2201/0748 A61F13/532 B29C59/04 D21F11/006 D21F11/008 Y10T428/24322 Y10T428/24479 A61F13/15731 A61F13/15617 A61F2013/15439 A61F13/15707 B29C2043/464 B29C43/24 B29K2001/00 Y10T428/24628 Y10T428/24694 A61F13/15577 B29C43/226 B29C53/22 B29C53/265 B29C53/285 B29C55/08 B31F2201/0743 B31F1/20 B29L2007/002 Y10T428/24273 B31F2201/0733 B31F2201/0738 B31F2201/0741 B31F2201/0774 B31F2201/0797 B65H35/02 A61F2013/15292 A61F2013/15373 D21H27/002 A61F13/00 B32B3/28 B32B3/30 D21H27/02 Y10T428/24612 Y10T428/24942 A61F13/51104 A61F13/512 A61F13/5121 B26F1/20 B26F1/24 B31F1/07 B31F2201/07 B31B50/00 A61F13/511 B29D28/00 B26F1/10 B29C53/24 B29C55/18 B32B3/266

European class: A61F13/15M6 A61F13/15M6C B29C55/18 D21H27/00D D21H27/02

US class: 1/1 162/109 162/204 264/156 264/175 264/258 264/286 425/296 425/336 425/363 428/131 428/137 428/156 428/174 428/182 526/352 528/308.1 604/374

Classification Explorer

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0) US5814188A – SOFT TISSUE PAPER HAVING A SURFACE DEPOSITED SU...

19) Family number: 20668200 (US5814188A)

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Title: Soft tissue paper having a surface deposited substantive softening agent

Priority: US19960777829 19961231 WO1997US23077 19971215

Family:

Publication number	Publication date	Application number	Application date
AT294894 E	20050515	AT19970951707T	19971215
AU199855276 A1	19980731	AU19980055276	19971215
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NO993208 A0	19990628	NO19990003208	19990628
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WO9829605 A1	19980709	WO1997US23077	19971215
ZA9711612 A	19980625	ZA19970011612	19971223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; FICKE JONATHAN ANDREW ; GAMBLE CO ; KLOFTA THOMAS JAMES ; PROCTER AND

Inventor(s):(std)**:** JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; KENNETH DOUGLAS VINSON ; KLOFTA JAMES ; KLOFTA THOMAS JAMES ; PAUL T WEISMAN ; PAUL THOMAS WEISMAN ; THOMAS JAMES KLOFTA ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN THOMAS ; WEISMAN PAUL T ; VINSON KENNETH D ; FICKE JONATHAN A

Inventor(s): Vinson ; Klofta ; James ; Kenneth Douglas

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9):	D21H17/00 D21H17/07 D21H17/59 D21H19/10 D21H21/14 D21H21/22 D21H27/02 (Advanced/Invention); D21H17/07 D21H17/59 D21H27/02 (Advanced/Non–invention); D21H17/00 D21H19/00 D21H21/22 D21H27/02 (Core/Invention); D21H17/00 D21H27/02 (Core/Non–invention)
International class (IPC 1–7):	A47K B32B D21H D21H17/00 D21H17/06 D21H17/07 D21H17/45 D21H19/10 D21H21/14 D21H21/22 D21H27/02
CPC:	D21H17/07 D21H17/59 D21H21/22 D21H27/02
European class:	D21H21/22 N21H17/07 N21H17/59 N21H27/02
US class:	162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/134 162/135 162/158 162/164.4
Classification Explorer	
Cited documents:	WO9748854 A1, US5573637 A, US5543067 A, US5538595 A, US5525345 A, US5510000 A, US5487813 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5399241 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4613447 A, US4513051 A, US4481243 A, US4447294 A, US4300981 A, US4191609 A, US4158594 A, US4112167 A, US4028172 A, US3994771 A, US3974025 A, US3967030 A, US3818533 A, US3814096 A, US3755220 A, US3755071 A, US3484275 A, US3438807 A, US3301746 A, EP0677612 A2, EP0144658 A1, AU3490897 A1,

0) US2004185209A – FUNGI RESISTANT SHEET, FACING AND FACED INSULAT...

20) Family number: 30974573 (US2004185209A) © PatBase

Title: FUNGI RESISTANT SHEET, FACING AND FACED INSULATION ASSEMBLY

Priority:

US20030394134	20030320	US20030465311	20030619	US20030703130	20031106
US20060581853	20061017	US20040801733	20040315	US20050075164	20050308
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Family:

Publication number	Publication date	Application number	Application date
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EP1603746 A4	20060412	EP20040757790	20040318
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WO04085574 A3	20050331	WO2004US08232	20040318

Probable Assignee: JOHNS MANVILLE

Assignee(s):(std): BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; JOHNS MANVILLE ; JOHNS MANVILLE INT INC ; MOORE ANTHONY E ; LOGSDON TIMOTHY D

Assignee(s): MANVILLE JOHNS ; JOHNS MANVILLE INTERNATIONAL INC ; JOHNS MANVILLE INT

Inventor(s):(std): BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; LOGSDON TIMOTHY D ; MOORE ANTHONY E

Inventor(s): BOGRETT BLAKE ; MOORE ANTHONY ; LOGSDON TIMOTHY ; FAY RALPH ; BRATSCH ANGELA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A01N59/02 B29C47/00 B32B1/04 B32B1/08 B32B11/00 B32B11/06 B32B11/10 B32B27/00 B32B27/06 B32B27/36 B32B29/04 B32B3/00 B32B3/04 B32B3/06 B32B7/14 C08K5/00 C08K5/372 C08K5/47 C08L95/00 D04H3/16 D06N5/00 D06N7/04 D21H11/00 D21H17/00 D21H19/00 D21H19/24 D21H21/36 D21J1/08 E04B1/66 E04B1/72 E04B1/74 E04B1/76 E04B1/78 E04D13/00 (Advanced/Invention); B32B3/02 B65D65/28 (Advanced/Non–invention); E04B1/66 E04B1/76 E04D13/00 (Core/Invention)

International class (IPC 1–7): A01N25/34 A01N59/02 B32B1/08 B32B27/00 B32B27/04 B32B29/00 B32B29/04 B32B3/00 B32B3/04 B32B7/14 C10C D06N7/04 D21J1/08 E04B1/72 E04B1/78 E04C2/00 F16L1/00 G09F3/00

CPC: Y10S428/907 Y10T428/24355 Y10T428/15 Y10T428/24777 Y10T428/139 Y10T428/23 Y10T428/233 Y10T428/237 Y10T428/24231 Y10T428/2457 C08K5/0058 E04B1/767 E04B2001/7691 D21H21/36 Y10T428/31507 Y10T428/31786 Y10T428/31815 Y10T442/2525 Y10T442/2533 Y10T442/681 Y10T428/31823 E04B9/045 E04B1/7654 E04D13/002 Y10T428/31993 E04B1/665 Y10T428/249955 B32B5/022 B32B5/024 B32B2307/7145 B32B2419/06 B32B2317/122 B32B2419/00 B32B11/10 C08L95/00 B32B11/06 D21H19/24

European class: B32B11/06 B32B11/10 C08K5/00P7 C08L95/00 D21H19/24 D21H21/36 E04B1/66 E04B1/76E E04B1/76E2B1F E04B9/04G E04D13/00A E04D13/16A1C P04B1/76R

US class: 162/161 424/412 424/413 424/414 424/415 424/611 424/703 428/126 428/141 428/141P 428/167 428/192 428/192P 428/306.6 428/306.600S 428/36.9 428/36.900P 428/412 428/412S 428/43 428/43P 428/43S 428/480 428/480S 428/489 428/489S 428/491 428/491S 428/537.5 428/537.500P 428/68 428/71 428/74 428/907 442/123 442/123P 442/124 442/124S 442/401 442/401S 52/404.1 52/406.2 52/407.3 52/408 52/796.1 52/796.100S 52/98

Classification Explorer

Cited documents: WO0222976 A1, WO0172125 A2, WO0136354 A1, US7008890 BA, US6939442 BB, US6890666 BB, US6878455 BB, US6808772 BB, US6680127 BB, US6550212 BB, US6461421 BA, US6399694 BA, US6358599 BA, US6357504 BA, US6331350 BA, US6312826 BA, US6309456 BA, US6279284 BA, US6245381 BA, US6231927 BA, US6191057 BA, US6123796 A, US6123795 A, US6083594 A, US5931157 A, US5882731 A, US5848509 A, US5773375 A, US5746854 A, US5733624 A, US5709870 A, US5672434 A, US5598677 A, US5573810 A, US5554238 A, US5506020 A, US5362539 A, US5356664 A, US5326654 A, US5319000 A, US5277955 A, US5271767 A, US5264257 A, US5253461 A, US5236754 A, US5224967 A, US5192598 A, US5057351 A, US4952441 A, US4764420 A, US4709523 A, US4629645 A, US4282276 A, US3998944 A, US3998024 A, US3842559 A, US3813280 A, US3729879 A, US3424647 A, US3370957 A, US3307306 A, US3222243 A, US3140220 A, US2913104 A, US2887426 A, US2786004 A, US2750313 A, US2568850 A, US2568849 A, US2548646 A, US2496566 A, US2395922 A, US2332703 A, US2330810 A, US2280460 A, US2006008496 AA, US2005223668 AA, US2005170721 AA, US2005166087 AA, US2005089653 AA, US2004185212 AA, US2004185211 AA, US2004185204 AA, US2004182031 AA, US2004166087 AA, US2004163724 AA, US2004163714 AA, US2004088939 AA, US2004055227 AA, US2004023588 AA, US2004014385 AA, US2003234068 AA, US2003170317 AA, US2003136079 AA, US2003129899 AA, US2003100604 AA, US2003054717 AA, US2002114913 AA, US2002072008 AA,

US2001030018 AA, US2001021711 AA, US2001009834 AA, JP57032508 A2, JP54155265 A2, JP354155265, JP3263472 A2, GB649261 A, EP0940249 A2,

0) US2003199418A – PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER...

21) Family number: 30127938 (US2003199418A) © PatBase

Title: PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER DISRUPTER

Priority:

US19980104371P	19981015	US19990137336P	19990603	US20030444851	20030523
WO1999US23592	19991008	US20030444844	20030523	US19990413578	19991006
WO1999US23593	19991008				

Family:

Publication number	Publication date	Application number	Application date
AR015560 AA	20010502	AR1999P105230	19991015
AR016741 AA	20010725	AR1999P105231	19991015
AT245724 E	20030815	AT19990951897T	19991008
AT284466 E	20041215	AT19990951898T	19991008
AU199964240 A1	20000501	AU19990064240	19991008
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AU753312 B2	20021017	AU19990064241	19991008
AU753312 C	20040624	AU19990064241	19991008
AU753313 B2	20021017	AU19990064240	19991008
BRPI9914577 A	20010703	BR1999PI14577	19991008
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BRPI9914578 B1	20110125	BR1999PI14578	19991008
CA2346338 AA	20010404	CA19992346338	19991008
CA2346338 C	20070522	CA19992346338	19991008
CA2346658 AA	20010405	CA19992346658	19991008
CA2346658 C	20051206	CA19992346658	19991008
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CN1323367 A	20011121	CN19998012193	19991008
CN1323368 A	20011121	CN19998012229	19991008
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DE69922530 D1	20050113	DE19996022530	19991008
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EG22503 A	20030331	EG19990001286	19991014
EP1121488 A1	20010808	EP19990951898	19991008
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ES2203192 T3	20040401	ES19990951897T	19991008
ES2232182 T3	20050516	ES19990951898T	19991008
HK1039166 A1	20050930	HK20010108951	20011220
HU0103609 AB	20020128	HU20010003609	19991008

HU0103609 AC	20041228	HU20010003609	19991008
IL142396 A0	20020310	IL19990142396	19991008
JP2002527166 T2	20020827	JP20000576114T	19991008
JP2002527641 T2	20020827	JP20000576116T	19991008
KR100422209 B1	20040311	KR20017004741	20010414
KR20010085925 A	20010907	KR20017004737	19991008
KR20010085926 A	20010907	KR20017004741	19991008
MX254453 B	20080211	MX2001PA03751	20010411
MXPA01003751 A1	20010701	MX2001PA03751	20010411
NO20011806 A	20010615	NO20010001806	20010409
NO20011806 A0	20010409	NO20010001806	20010409
NZ510926 A	20030725	NZ19990510926	19991008
PE121500 A1	20010112	PE19990001039	19991015
PE121600 A1	20010112	PE19990001040	19991015
PL347360 A1	20020408	PL19990347360	19991008
TH42763 A	20010130	TH19991003858	19991014
TR200101079 T2	20010921	TR20010001079T	19991008
TW505721 B	20021011	TW19990117829	19991022
US2003199418 AA	20031023	US20030444851	20030523
US2003201085 AA	20031030	US20030444844	20030523
US6607637 BA	20030819	US19990413578	19991006
US6755939 BB	20040629	US20030444844	20030523
US7282116 BB	20071016	US20030444851	20030523
WO0022231 A1	20000420	WO1999US23593	19991008
WO0022233 A1	20000420	WO1999US23592	19991008
ZA200102562 A	20020930	ZA20010002562	20010328
ZA200102564 A	20020930	ZA20010002564	20010328

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; RICE JOHN ERNEST ; PROCTER AND GAMBLE CO CINCINNATI ; FRANKENBACH GAYLE MARIE ; KARL AMY JO ; MCFARLAND JAMES ROBERT ; MCKAY DAVID DALE

Inventor(s):(std)**:** WAHL HOFFMAN ; WAHL ERROL HOFFMAN ; VINSON KENNETH DOUGLAS ; VINSON DOUGLAS ; RICE JOHN ERNEST ; RICE ERNEST ; MCKAY DAVID MICHAEL ; MCKAY DAVID DALE ; MCKAY DALE ; MCFARLAND ROBERT ; MCFARLAND JAMES ROBERT ; KENNETHD VINSON ; KENNETH DOUGLAS VINSON ; KARL JO ; KARL AMY JO AND ; KARL AMY JO ; JOHNE RICE ; JOHN ERNEST RICE ; JAMES ROBERT MCFARLAND ; GAYLE MARIE FRANKENBACH ; FRANKENBACH MARIE ; FRANKENBACH GAYLE MARIE ; ERROLH WAHL ; ERROL HOFFMAN WAHL ; DAVIDD MCKAY ; DAVID MICHAEL MCKAY ; DAVID DALE MCKAY ; AMYJ KARL ; AMY JO KARL ; WAHL ERROL H ; VINSON KENNETH D ; RICE JOHN E ; MCKAY DAVID D ; KARL AMY J ; DOUGLAS VINSON KENNETH DOUGLAS

Inventor(s): DAVID D MCKAY ; JOHN E RICE ; KENNETH D VINSON ; AMY J KARL ; AMY JO ; ERROL HOFFMAN ; FRANKENBACH ; GAYLE MARIE ; KARL ; KENNETH DOUGLAS ; VINSON ; ERROL H WAHL

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9)**:** A47K7/00 B32B29/06 C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04 C11D3/00 C11D3/02 D21F11/04 D21F11/14

D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/63 D21H17/66 D21H17/74 D21H21/14 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21J1/00 (Advanced/Invention);
A47K7/00 D21H17/06 D21H17/07 D21H17/66 D21H21/22 D21H23/04 D21H27/38 (Advanced/Non-invention);
C11D1/38 C11D1/72 C11D1/75 C11D1/835 C11D17/04 C11D3/02 D21F11/00 D21H15/00 D21H17/00 D21H21/22 D21H23/00 D21H27/30 (Core/Invention)

International class (IPC 1-7): 11/00 A47K7/00 C11D1/62 C11D1/645 C11D1/835 C11D17/04 C11D3/00 D21F11/00 D21H 11/00 D21H11/00 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/66 D21H17/74 D21H17/74 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21H5/24 D21J1/00

CPC: C11D1/40 C11D1/52 C11D1/525 C11D1/62 C11D1/645 C11D1/72 C11D1/75 C11D1/835 C11D3/046 C11D17/046 C11D17/049 D21H17/06 D21H17/07 D21H17/66 D21H17/71 D21H21/22 D21H27/38 C11D1/74 D21H23/04

European class: C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04B4 C11D17/04F C11D3/04S D21H17/71 D21H21/22 D21H23/04 D21H27/38 M11D1/52H M11D1/62 M11D1/72 M11D1/75 N21H17/06 N21H17/07 N21H17/66 N21H21/22

US class: 162/109 162/112 162/123 162/123S 162/135 162/135S 162/158 162/179 162/179S 162/181.1 162/181.2 162/181.200S 162/204 252/8.63 252/86.3 510/404 510/421 510/499 510/499S 510/504 510/504S 510/515 510/515S

Classification Explorer

Cited documents: WO9916974 A1, WO9410381 A1, WO0248458 A1, WO0022233 A1, WO0022231 A1, USH1672 H1, US6797117 BA, US6607637 BA, US6579416 BA, US6547928 BB, US6420013 BA, US6376455 BA, US6162329 A, US6126784 A, US6040071 A, US5981044 A, US5929025 A, US5841188 A, US5814188 A, US5792219 A, US5767052 A, US5753079 A, US5747109 A, US5747108 A, US5643865 A, US5573637 A, US5538595 A, US5527560 A, US5525345 A, US5501806 A, US5498350 A, US5487813 A, US5447644 A, US5417753 A, US5405501 A, US5405499 A, US5308513 A, US5264083 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4497716 A, US4476323 A, US4300981 A, US3681241 A, US2003201085 AA, US2003199418 AA, US2003127206 AA, US2002112831 AA, GB2007734 A1, EP0896045 A1, EP0688901 A2, EP0503221 A1,

0) US2009188636A – SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND...

22) Family number: 43554009 (US2009188636A) © PatBase

Title: SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND APPLIED ONTO A SURFACE THEREOF

Priority:

US20080011557	20080128	US20090350982	20090109	WO2009US31956	20090126
WO2009IB50161	20090116	US20100956380	20101130	US20110159507	20110614

Family:

Publication number	Publication date	Application number	Application date
CA2713480 AA	20100728	CA20092713480	20090126
CA2713480 C	20170124	CA20092713480	20090126
CA2713565 AA	20100728	CA20092713565	20090116
CA2713565 C	20170214	CA20092713565	20090116
MX2010007863 A1	20100809	MX20100007863	20090116
MX2010007865 A1	20100809	MX20100007865	20090126
US2009188636 AA	20090730	US20080011557	20080128
US2009188637 AA	20090730	US20090350982	20090109
US2011104443 AA	20110505	US20100956380	20101130
US2011303374 AA	20111215	US20110159507	20110614
US7867361 BB	20110111	US20080011557	20080128

US7972475 BB	20110705	US20090350982	20090109
US8070913 BB	20111206	US20100956380	20101130
US8187419 BB	20120529	US20110159507	20110614
WO09095807 A2	20090806	WO2009IB50161	20090116
WO09095807 A3	20141030	WO2009IB50161	20090116
WO09097231 A1	20090806	WO2009US31956	20090126

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CHAN ERIC ; PROCTER AND GAMBLE ; PRODOEHL MICHAEL SCOTT ; SALAAM LATISHA EVETTE ; WOODS BROOKE MARIE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** WOODS BROOKE MARIE ; SALAAM LATISHA EVETTE ; PRODOEHL MICHAEL SCOTT ; CHAN ERIC

Inventor(s): BROOKE MARIE WOODS ; ERIC CHAN ; MICHAEL SCOTT PRODOEHL ; LATISHA EVETTE SALAAM

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/12 B32B29/00 B32B3/28 D21H17/33 D21H19/10 D21H19/24 D21H19/72 D21H19/74 D21H21/22 D21H27/30 D21H27/40 (Advanced/Invention); B31F1/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention)

CPC: Y10T428/24463 Y10T428/24612 Y10T428/24802 Y10T428/24455 D21H19/72 D21H19/74 D21H27/005 D21H17/33 D21H19/10 D21H21/22 D21H27/002 Y10T428/31663 Y10T428/31982

European class: D21H17/33 D21H19/10 D21H19/72 D21H19/74 D21H21/22 D21H27/00D D21H27/00D2B

US class: 162/109 162/111 162/112 162/123 162/127 162/135 162/135S 162/158 162/168.1 162/172 162/173 162/179 424/402 428/153 428/154 428/154P 428/172 428/195.1 428/219 428/219S 428/447 428/447S 428/535 428/535S

Classification Explorer

Cited documents: WO9916974 A1, WO9829605 A1, WO09097231 A1, WO07025095 A1, WO06038936 A1, WO05103356 A2, USD570608 S1, US8070913 BB, US7972475 BB, US7867361 BB, US7867361 B1, US7485373 BB, US7485373 B1, US7407560 BB, US7195771 BA, US7147751 BB, US7147751 B1, US6905697 BB, US6872282 BA, US6855229 BB, US6733772 BA, US6624676 BB, US6607637 BA, US6428794 BA, US6416626 BA, US6268028 BA, US6261580 BA, US6238682 BA, US6162329 A, US6162327 A, US6146648 A, US6117525 A, US5981044 A, US5935384 A, US5851352 A, US5840403 A, US5830487 A, US5814188 A, US5716692 A, US5705164 A, US5624676 A, US5624532 A, US5575891 A, US5558873 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5385642 A, US5334286 A, US5246545 A, US5240562 A, US5228954 A, US5223096 A, US5215626 A, US5059282 A, US4981557 A, US4874557 A, US4874465 A, US4764418 A, US4529480 A, US4486374 A, US4364837 A, US436474 A, US4300981 A, US4166981 A, US4166001 A, US4011389 A, US3994771 A, US3964500 A, US3896807 A, US3779791 A, US3772076 A, US3700623 A, US2826551 A, US2388326 A, US2011303374 AA, US2011104443 AA, US2011027596 AA, US2010136294 AA, US2009188637 AA, US2009188636 AA, US2009104430 AA, US2008314535 AA, US2008087395 AA, US2007071797 AA, US2006278357 AA, US2005136265 AA, US2004188045 AA, US2004144511 AA, US2002120241 AA, GB849433 A, EP0803012 B1, EP0688901 A2, EP0613979 A1,

0) US2002117578A – SHEET MATERIAL DISPENSER WITH PERFORATION SENSO...

23) Family number: 28219846 (US2002117578A)

© PatBase

Title: SHEET MATERIAL DISPENSER WITH PERFORATION SENSOR AND METHOD

Priority: CA20022372117 20020213 US20010793077 20010227 US20040881467 20040701 US20070686648 20070315

Family:

Publication number	Publication date	Application number	Application date
CA2372117 AA	20020827	CA20022372117	20020213
EP1234793 A2	20020828	EP20020251276	20020225
EP1234793 A3	20031105	EP20020251276	20020225
US2002117578 AA	20020829	US20010793077	20010227
US2004251375 AA	20041216	US20040881467	20040701
US2007152010 AA	20070705	US20070686648	20070315
US6766977 BB	20040727	US20010793077	20010227
US7191977 BB	20070320	US20040881467	20040701
US7832679 BB	20101116	US20070686648	20070315

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CORP

Assignee(s): GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC RESIN INC ; KNITTLE JOHN J ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; BROEHL JOSHUA M ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DENEN DENNIS J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BROEHL JOSHUA M ; DENEN DENNIS J ; KNITTLE JOHN J

Inventor(s): KNITTLE JOHN ; DENEN DENNIS ; BROEHL JOSHUA

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): A47K10/36 A47K10/38 B26F3/02 B65H26/06 B65H35/10 B65H43/00 (Advanced/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 B65H26/00 B65H35/10 B65H43/00 B65H5/02 B65H5/04 B65H63/00

CPC: Y10T225/205 Y10T225/211 B65H35/10 B65H2511/512 B65H2553/412 A47K10/3612 A47K10/3625 A47K2010/3675 B65H43/00

European class: A47K10/36 B65H35/10 B65H43/00 L65H511/512 L65H553/412

US class: 225/10 225/10P 225/16 225/16S 242/563 242/563.2 242/563P

Classification Explorer

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0) US2003035917A – IMAGE MAKING MEDIUM

24) Family number: 15254881 (US2003035917A)

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Title: IMAGE MAKING MEDIUM

Priority:

EP20000944650	20000612	US19990138694P	19990611	US20010012259	20011211
US20020170503	20020614	US20020012259	20020614	US20040567022P	20040430
WO2000US16111	20000612	US20090631627	20091204	US20140203327	20140310
US20140584921	20141229	US20050118975	20050428	US20170630499	20170622
US20170647051	20170711				

Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
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US2015125829 AA	20150507	US20140584921	20141229
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US2017316713 AA	20171102	US20170647051	20170711
US7629400 BB	20091208	US20020170503	20020614
US8669325 BA	20140311	US20090631627	20091204
US9744800 BB	20170829	US20140203327	20140310
US9786194 BB	20171010	US20140584921	20141229
WO0077085 A1	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106 524/106S 524/609 524/612 528/502R

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0) US2006276367A – METHOD OF NEUTRALIZING A STAIN ON A SURFACE

25) Family number: 33979978 (US2006276367A) © PatBase

Title: METHOD OF NEUTRALIZING A STAIN ON A SURFACE

Priority:

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WO2012US36487	20120504				

Family:

Publication number	Publication date	Application number	Application date
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AU2012253818 BB	20130530	AU20120253818	20120504
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CA2610962 C	20120828	CA20062610962	20060606
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WO12154547 A1	20121115	WO2012US36487	20120504

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s):(std)**:** BULLIS DANIEL R JR ; CARLSEN RUSSELL O ; CLARK PAUL A ; MINOR ERIC J ; KIMBALL JAMES F ; RODENKIRCH DOUGLAS S ; JOHNSON AND SON INC S C ; NAHM STEVEN H ; FRAZEE GLENN R ; HINKFUSS CATHY A ; BAKKEN TODD J ; BASS BENJAMIN A ; LOCHHEAD ROBERT Y ; SANTAGA MARCIA L ; SHAH KETAN N ; ZAINIEV GAFUR ; SCHWARTZ RUSSELL J ; YERRAMILLI KAMESHWER RAO ; SHIFFLER BENJAMIN N ; ROZEK THERESE A

Assignee(s): SCJOHNSON AND SON INC ; SUN CHEMICAL CORP ; SC JOHNSON AND SON INC ; S C JOHNSON AND SON INC ; IDEATION INT INC ; ROBERT LOCHHEAD CONSULTING LLC ; BULLIS DANIEL R ; DESIGN CONCEPTS INC ; IDEATION INT

Inventor(s):(std)**:** BAKKEN TODD J ; BULLIS DANIEL R JR ; BULLIS JR DANIEL R ; HINKFUSS CATHY A ; KIMBALL JAMES F ; MINOR ERIC J ; YERRAMILLI KAMESHWER RAO ; ZAINIEV GAFUR ; SHIFFLER BENJAMIN N ; SCHWARTZ RUSSELL J ; ROZEK THERESE A ; NAHM STEVEN H ; LOCHHEAD ROBERT Y ; FRAZEE GLENN R ; CLARK PAUL A ; CARLSON RUSSELL O ; CARLSEN RUSSELL O ; BASS BENJAMIN A ; RODENKIRCH DOUGLAS S ; SANTAGA MARCIA L ; SHAH KETAN N

Inventor(s): TODD J BAKKEN ; BAKKEN TODD ; SHAH KETAN ; SANTAGA MARCIA ; DANIEL R BULLIS JR ; RODENKIRCH DOUGLAS ; MARCIA L SANTAGA ; MINOR ERIC ; JAMES F KIMBALL ; KETAN N SHAH ; KIMBALL JAMES ; DANIEL R JR BULLIS ; DOUGLAS S RODENKIRCH ; ERIC J MINOR ; GAFUR ZAINIEV ; BULLIS DANIEL RJR ; BULLIS DANIEL ; BULLIS DANIEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01K1/015 A61L9/01 B05C1/00 B05C17/06 B05C17/08 B05D1/02 B05D1/32 B05D1/36 B05D3/00 B05D3/02 B05D3/06 B05D3/10 B05D3/12 B05D3/14 B05D5/00 B05D5/06 B05D7/00 B08B5/04 B08B7/00 B22F1/00 B29C65/00 B29C71/04 B31B1/60 B32B15/04 B32B3/10 B32B37/00 B32B37/02 B32B5/16 B32B7/12 B32B9/04 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M5/025 B41M5/03 B41M5/035 B41M5/04 B41M5/382 B41M7/00 B41N1/24 B44C1/00 B44C1/20 B44D5/00 B65D90/00 C08K13/00 C08K5/05 C08K5/06 C08L101/00 C08L21/00 C08L63/00 C09B67/00 C09B67/06 C09B67/20 C09B67/40 C09D101/00 C09D109/06 C09D11/00 C09D11/02 C09D11/06 C09D11/10

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CPC: B05B15/0456 B44D2/002 C09D5/024 D06P1/5285 D06P5/138 D06P1/0004 D06P1/0008 D06P1/928 D06P5/13 D06P5/15 B41M5/025 B41M5/0256 B41M5/03 B41M5/04 B41M7/0081 C11D3/0031 C11D3/40 B41M7/0027 B44C1/105 B05C17/06 B41M7/0072 B41M7/009 B41N1/242 B41N1/248 B44C1/18 B44C1/20 B44C3/02 B44D2/007 B44D5/00 C09D11/0235 C11D3/37 C11D3/3715 C11D3/3726 C11D3/3749 C11D11/0058 C11D11/007 D06P1/0012 D06P1/0016 D06P1/44 D06P1/52 D06P1/5264 D06P1/5271 D06P1/54 D06P1/613 D06P5/001 D06Q1/00 D06Q1/06 D06M23/08 D06P1/525 D06P1/5257 D06P1/56 D06P5/02 B41M7/00 B41M7/0018 B41M7/0054 C09B67/0063 C09B67/0069 C09B67/0082 C09D5/008 C09D5/021 C09D7/001 D06P1/445 D06P5/002 D06P5/08 D06Q1/02 D06Q1/10 Y10T156/10 Y10T428/25 Y10T428/253 Y10T428/254 Y10T428/28 Y10T428/31504 Y10T428/24802 Y10T428/24851 Y10T428/24876 Y10T428/24893 Y10T428/2848 Y10T428/31551 Y10T428/31786 Y10T428/31931 Y10T428/31938 Y10T428/249921

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US class: 101/127 101/128.21 101/128.210 101/128.210P 101/128.210S 106/15.05 106/15.050S 106/162.1 106/162.100S 106/163.01 106/163.010S 106/18.29 106/18.290S 106/243 106/243S 106/270 106/270S 106/285 106/285S 106/287.26 106/287.260S 106/31.13 106/31.130S 106/31.4 106/31.6 106/31.65 118/200 118/200S 134/4 134/4P 134/4S 15/104.001 15/104.001S 156/305 156/306.3 156/60 156/60S 206/524.6 206/524.600S 252/8.61 252/8.610S 424/76.1 424/76.100P 427/210 427/258 427/258P 427/288 427/288S 427/292 427/299 427/299S 427/331 427/331S 427/337 427/337S 427/372.2 427/372.200S 427/386 427/386S 427/402 427/407.1 427/407.100P 427/458 427/458P 427/501 427/513 427/514 427/532 427/532S 427/547 427/547S 427/553 427/553S 427/8 427/8P 428/195.1 428/195.100S 428/201 428/204 428/206 428/206S 428/221 428/32.6 428/32.600S 428/32.69 428/32.690S 428/32.75 428/32.750S 428/32.86 428/32.860S 428/323 428/326 428/327 428/343 428/354 428/411.1 428/411.100S 428/423.1 428/480 428/521 428/523 510/240 510/242 510/278 510/356 510/356S 510/404 510/438 52/309.1 52/309.100S 52/311.1 52/311.100S 52/741.4 52/741.400P 521/117 521/117S 523/122 523/122S 523/221 523/348 523/400 523/400S 523/409 524/1 524/199 524/199S 524/35 524/35P 524/377 524/377S 524/386 524/386S 524/445 524/445S 524/543 524/543S 524/556 524/556S 524/577 524/577S 524/588 524/588S 524/589 524/589S 524/599 524/599S 524/606 524/606S 524/609 524/609S 524/612 524/612S 525/163 8/142 8/441 8/441P 8/550 8/550P 8/552 8/552P 8/552S 8/553 8/553P 8/558 8/561 8/561S 8/562 8/562P 8/611 8/611S

Classification Explorer

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US7264861 BB, US7253140 BB, US7241822 BB, US7226607 BB, US7223477 BB, US7201792 BB, US7186450 BB, US7186416 BB, US7156017 BA, US7135449 BB, US7134390 BB, US7112621 BB, US7108728 BB, US7105597 BB, US7078076 BB, US7066993 BB, US7041424 BB, US7022377 BB, US7018429 BA, US70089621, US7008889 BB, US7008618 BA, US7008458 BB, US7005171 BB, US70014921, US6992028 BB, US6989037 BB, US6982108 BB, US6977111 BB, US6977098 BB, US6968780 BB, US6962111 BB, US6951670 BB, US6949127 BB, US6946149 BB, US6946049 BB, US6936075 BB, US6927253 BB, US6916774 BB, US6911054 BB, US6906157 BB, US6894090 BB, US6894087 BB, US6893662 BB, US6890974 BB, US6889605 BA, US6887916 BB, US6887640 BB, US68795305 P, US6872444 BB, US6872443 BB, US6872433 BB, US6866924 BB, US6863933 BB, US6850725 BB, US6849837 BB, US6849370 BB, US6844392 BB, US6841244 BB, US6841233 BB, US6840614 BB, US6834589 BB, US6820546 BB, US6815005 BB, US6812445 BB, US6812334 BA, US6807904 BB, US6805735 BB, US6805048 BB, US6794426 BB, US6794007 BB, US6790819 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0) US5851352A – SOFT MULTI–PLY TISSUE PAPER HAVING A SURFACE DE...

26) Family number: 11259820 (US5851352A) © PatBase

Title: Soft multi–ply tissue paper having a surface deposited strengthening agent

Priority: US19970854397 19970512 WO1998IB00701 19980511

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Publication number	Publication date	Application number	Application date
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CA2288721 C	20060321	CA19982288721	19980511
CN1105213 C	20030409	CN19988006892	19980511
CN1261938 A	20000802	CN19988006892	19980511
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WO9851862 A1	19981119	WO1998IB00701	19980511

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; DEASON HOWARD THOMAS ; FICKE JONATHAN ANDREW

Inventor(s):(std)**:** DEASON HOHARD T ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; FICKE JONATHAN A ; DEASON THOMAS ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS

Inventor(s): KENNETH D VINSON ; JONATHAN A FICKE ; HOHARD T DEASON ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JONATHAN ANDREW FICKE ; KENNETH DOUGLAS VINSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 B32B29/00 B32B29/06 D21H21/18 D21H27/32 (Advanced/Invention); A47K7/00 D21H21/18 D21H27/32 (Advanced/Non–invention); A47K7/00 B32B29/00 D21H21/14 D21H27/30 (Core/Invention); D21H21/14 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 B32B29/00 D21H21/18 D21H23/22 D21H27/32

CPC: B32B29/06 D21H21/18 D21H27/32

European class: B32B29/06 D21H27/32 N21H21/18

US class: 162/112 162/123 162/124 162/125 162/127 162/129 162/130

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0) US2010258240A – METHODS AND APPARATUS FOR APPLICATION OF NESTED...

27) Family number: 47067986 (US2010258240A) © PatBase

Title: METHODS AND APPARATUS FOR APPLICATION OF NESTED ZERO WASTE EAR TO TRAVELING WEB

Priority:

CA20112754472	20111007	CA20122781790	20120622	CA20122792824	20121015
US20060436274	20060518	EP20120173311	20120622	EP20100250726	20100406
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US20170413550	20170124				

Family:

Publication number	Publication date	Application number	Application date
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CA2699136 C	20161101	CA20102699136	20100406
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DE602012008884 D1	20150903	DE201260008884T	20120622
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EP2537495 A3	20131106	EP20120173311	20120622
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US2017128287 AA	20170511	US20170413550	20170124
US8172977 BB	20120508	US20100798520	20100405
US9433538 BB	20160906	US20120650625	20121012
US9622918 BB	20170418	US20100925033	20101012

Probable Assignee: JOA CURT G INC

Assignee(s):(std)**:** ANDREWS ROBERT E ; CURT G JOE INC ; JOA CURT G INC ; FRITZ JEFF W ; HORNECK NOEL ; FRITZ JEFF ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN

Assignee(s): PAGEL TYLER W ; JENQUIN PETER J ; HERBERG ROBERT ; JANKUSKI BRIAN ; CURT G. JOA, INC. ; CURT G JOA INC SHEBOYGAN FALLS

Inventor(s):(std)**:** FRITZ JEFF W ; HORNECK NOEL ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN ; JENQUIN PETER J ; JANKUSKI BRIAN ; PAGEL TYLER W ; HERBERG ROBERT ; FRITZ JEFFREY W ; FRITZ JEFF ; ANDREWS ROBERT E

Inventor(s): ANDREWS ROBERT E SHEBOYGAN ; FRITZ JEFF W PLYMOUTH ; NELSON ANTHONY A NEW HOLSTEIN ; MCCABE JOHN A SHEBOYGAN FALLS ; HORNECK NOEL CHEROKEE VILLAGE ; VAN DYKE DANIEL SHEBOYGAN ; ROBERT E ANDREWS

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/56 A61F13/58 A61F13/62 B26D1/62 B29C65/00 B29C65/08 B29C65/78 B31D1/00 B31F5/00 B32B3/04 B32B3/06 B32B37/00 B32B37/02 B32B37/06 B32B37/16 B32B38/00 B32B38/04 B32B38/10 B65H35/00 D04H3/00 (Advanced/Invention); A61F13/513 A61F13/56 A61F13/58 A61F13/68 A61F13/72 (Advanced/Non–invention)

CPC: A61F13/15764 Y10T156/1049 Y10T156/1052 Y10T156/1056 Y10T156/1057 Y10T156/1062 Y10T156/1067 Y10T156/1074 Y10T156/1077 Y10T156/1075 A61F13/56 A61F13/5622 A61F13/565 A61F13/68 A61F13/72 A61F2013/51322 A61F2013/5677 A61F2013/5694 A61F2013/586 A61F2013/587 A61F2013/588 A61F13/15756 A61F13/15804 A61F13/15739 A61F13/58 A61F13/622 A61F13/15747 B29C65/08 B29C65/7847 B29C66/7294 A61F2013/15869 A61F2013/15926 A61F2013/15918 B29K2105/256 B29L2031/4878 A61F13/5638 A61F13/15723

European class: A61F13/15M10 A61F13/15M6B A61F13/15M7

US class: 1/1 156/226 156/250 156/252 156/253 156/256 156/259 156/263 156/264 156/265 156/73.1 28/100 28/100P 493/342 493/379

Classification Explorer

Cited documents: WO9965437 A1, WO9932385 A1, WO9913813 A1, WO9907319 A1, WO9855298, WO9821134 A1, WO9747810 A1, WO9747265 A1, WO9732552 A1, WO9725552, WO9723398, WO9403301 A2, WO9315248, WO11101773 A1, WO10028786 A1, WO08155618 A2, WO08123348, WO08037281, WO08036706 A1, WO08015594, WO08001209 A2, WO07126347 A1, WO07039800 A1, WO07029115 A1, WO06038946, WO05110314 A1, WO05075163 A1, WO04007329 A1, WO03031177, WO0172237 A2, WO0143682 A1, USRE35687 E, USD497991 S1, US92830507 P, US8293056, US8182624, US8176573, US8172977, US80689110, US8062459, US8016972 BB, US8011493 BB, US8007623 BB, US8007484 BB, US7987964 BB, US79852010, US7975584 BB, US7935296, US7922983, US7909956 BB, US7871400 BB, US7861756 BB, US7811403 BB, US7793772, US7780052 BB, US7771407, US7770712 BB, US7708849 BB, US7703599 BB, US7695464 BB, US7640962 BB, US7638014 BB, US7618513 BB, US7587966 BB, US7537215 BB, US7533709 BB, US7452436 BB, US7449084, US7398870 BB, US7380213 BB, US7374627, US7332459, US7326311, US7303708 BB, US7264686, US7252730, US7247219 BB, US7220335, US7214287 BB, US7214174 BB, US7201345 BB, US7195684 BB, US7175584, US7172666 BB, US7130710 BB, US7077393 BB, US7069970, US7066586 BB, US7047852, US7045031 BB, US7017820 BA, US7017321, US6978486 BB, US6976521 BB, US6936129 BB, US6918404 BB, US6913718 BB, US6893528 BB, US6884310, US6875202 BB, US6869494, US6852186 BA, US6840616 BB, US6837840 BB, US6820671 BB, US6814217 BB, US6811019, US6808582 BB, US6766817 BB, US6758109 BB, US6750466 BB, US6743324 BB, US6736923 BA, US6730189 BA, US6722494 BB, US6684925 BB, US6682626, US6675552 BB, US6659991 BB, US6659150 BA, US6656309 BA, US6649010 BB, US6648122 BA, US6637583 BA, US6605173 BB, US6605172 BA, US6596108 BB, US6596107 BB, US6589149 BA, US6585841 BA, US6581517 BA, US6572520 BB, US6569275 BA, US6554815 BA, US6551430 BA, US6551228 BA, US6547909, US6544375 BA, US6540857 BA, US6533879 BB, US6524423 BA, US6523595 BA, US6521320 BB, US6514233 BA, US6494244 BB, US6482278 BA, US6478786 BA, US6475325 BA, US6473669 BB, US6446795 BA, US6443389 BA, US6440246 BA, US643821 A, US6431038 BB, US6416697 BA, US6391013 BA, US6375769 BA, US6369291 BA, US6358350 BA, US6336923, US6336922, US6336921 BA, US6319347, US6315022 BA, US6314333 BA, US6312420 BA, US6309336 BA, US6306122 BA, US6287409 BA, US6287287 BA, US6284081 BA,

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CA2699136 AA, CA2559517 AA, CA2541194 AA, CA2407867 AA, CA2404154 AA, CA2337700 AA, CA2330679, CA2023816 AA, CA1310342 A1, CA1308015 A1, CA1307244 A1, CA1292201 A1, CA1249102 A1, CA1236056 A1, CA1212132 A1, CA1210744 A1, CA1190078 A1, CA1153345 A1, CA1146129 A1, BE1007854 AD,

0) US6179961B – TISSUE PAPER HAVING A SUBSTANTIVE ANHYDROUS SOF...

28) Family number: 20686242 (US6179961B) © PatBase

Title: Tissue paper having a substantive anhydrous softening mixture deposited thereon

Priority: US19970947422 19971008 WO1998US21184 19981008

Family:

Publication number	Publication date	Application number	Application date
AT235604 E	20030415	AT19980950993T	19981008
AU199896896 A1	19990427	AU19980096896	19981008
AU752063 B2	20020905	AU19980096896	19981008
BRPI9813858 A	20000919	BR1998PI13858	19981008
CA2305546 AA	20000403	CA19982305546	19981008
CA2305546 C	20061003	CA19982305546	19981008
CN1281521 A	20010124	CN19988011963	19981008
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EP1023498 A1	20000802	EP19980950993	19981008
EP1023498 B1	20030326	EP19980950993	19981008
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TH34268 A	19990806	TH19981003848	19981002
TW396229 B	20000701	TW19980116345	19981001
US6179961 BA	20010130	US19970947422	19971008
WO9918289 A1	19990415	WO1998US21184	19981008
ZA9809019 A	19990408	ZA19980009019	19981002

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/10 D21H19/68 D21H21/22 (Advanced/Invention);
A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22 (Advanced/Non–invention);
A47K7/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention);
D21H17/00 D21H19/00 (Core/Non–invention)

International class (IPC 1–7): A47K A47K7/00 D21H D21H11/00 D21H17/07 D21H19/10 D21H19/68 D21H21/22

CPC: D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22

European class: D21H21/22 N21H17/07 N21H17/14 N21H17/20 N21H17/59 N21H19/68

US class: 162/109 162/112 162/113 162/127 162/134 162/135 162/158 162/164.4 162/179

Classification Explorer

Cited documents: WO9730217 A1, WO9624723 A1, WO9516824 A1, USH1672 H1, US5538595 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4351699 A, US4300981 A, US3305392 A,

0) US2002189773A – CREPING BLADE, CREPED PAPER, AND METHOD OF MANU...

29) Family number: 30131288 (US2002189773A) © PatBase

Title: Creping blade, creped paper, and method of manufacturing paper

Priority:

CA20012341990	20010326	US19940320711	19941011	US19970816363	19970313
US19970816606	19970313	US19940359318	19941216	US19950532120	19950922
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US20020283251	20021030	US20020099998	20020319	US20000500523	20000209
US20000540267	20000331				

Family:

Publication number	Publication date	Application number	Application date
CA2341990 AA	20010930	CA20012341990	20010326
DE69527758 D1	20020919	DE19956027758	19951009
DE69527758 T2	20030515	DE19956027758T	19951009
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FI103427 B	19990630	FI19950004824	19951010
FI954824 A	19960412	FI19950004824	19951010
FI954824 A0	19951010	FI19950004824	19951010
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US2002189773 AA	20021219	US20020099998	20020319
US2003131959 AA	20030717	US20020283251	20021030
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US5685954 A	19971111	US19940320711	19941011
US5690788 A	19971125	US19940359318	19941216
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US5885417 A	19990323	US19970816710	19970313
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US6425983 BA	20020730	US20000540267	20000331
US6451166 BA	20020917	US20000500523	20000209
US6540879 BB	20030401	US20020099998	20020319
US6709548 BB	20040323	US20020283251	20021030

Probable Assignee: FORT JAMES CORP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; JAMES RIVER CORP ; FORT JAMES CORP

Assignee(s): GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; AWOFESO ANTHONY O ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; JAMES RIVER OF VIRGINIA CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; JAMES RIVER CORP OF VIRGINIA ; GEORGIA PACIFIC CORP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; KERSHAW THOMAS N ; MARINACK ROBERT J ; HARPER FRANK D

Inventor(s):(std)**:** ANTHONY O AWOFESO ; AWOFESO ANTHONY O ; FRANK D HARPER ; HARPER FRANK D ; KERSHAW THOMAS N ; MARINACK ROBERT J ; ROBERT J MARINACK ; THOMAS N KERSHAW

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): B31F1/12 B31F1/14 D21F11/14 D21G3/00 D21G3/04 D21H25/00 D21H27/00 D21H27/40 (Advanced/Invention) ; B31F1/00 D21F11/00 D21G3/00 D21H25/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): B31F1/07 B31F1/12 B31F1/14 D21G3/00 D21G3/04 D21H1/14 D21H25/00 D21H25/10 D21H25/18 D21H27/00 D21H27/40 D21H3/04

CPC:

D21F11/145 B31F1/126 B31F1/145 D21F11/14 D21G3/005 D21H25/005 D21H27/40 Y10T428/24455 Y10T428/24463

European class: B31F1/12F B31F1/14B D21F11/14 D21F11/14B D21G3/00B D21H25/00B D21H27/40

US class: 118/413 118/413S 15/256.51 15/256.510S 162/100 162/111 162/111S 162/112 162/113 162/113S 162/117 162/117S 162/123 162/123S 162/141 162/149 162/204 162/204S 162/280 162/280S 162/281 162/281S 162/282 162/4 162/4S 264/282 264/283 428/153 428/154

Classification Explorer

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0) US5328053A – PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PRO...

30) Family number: 12524387 (US5328053A) © PatBase

Title: PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PROVIDE FOR UNFOLDING OF THE TOWEL UPON REMOVAL FROM THE PACKAGE

Priority:

AU19940062452	19940223	AU19980063659	19980428	US19930035346	19930322
US19940215066	19940318	US19940210797	19940318	AU19980063660	19980428
WO1994US01800	19940223				

Family:

Publication number	Publication date	Application number	Application date
AT155103 E	19970715	AT19940909718T	19940223
AU199462452 A1	19941011	AU19940062452	19940223
AU199863659 A1	19980709	AU19980063659	19980428
AU199863660 A1	19980709	AU19980063660	19980428
AU692437 B2	19980611	AU19940062452	19940223
AU704113 B2	19990415	AU19980063659	19980428
AU704117 B2	19990415	AU19980063660	19980428
CA2157569 AA	19950905	CA19942157569	19940223
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CN1042516 C	19990317	CN19941091567	19940223
CN1085177 C	20020522	CN19981006145	19940223
CN1085177 C	20020522	CN19981006145	19980331
CN1085178 C	20020522	CN19981006147	19940223
CN1085178 C	20020522	CN19981006147	19980331
CN1088034 C	20020724	CN19981006242	19940223
CN1088034 C	20020724	CN19981006242	19980331
CN1119847 A	19960403	CN19941091567	19940223
CN1223226 A	19990721	CN19981006242	19980331
CN1238290 A	19991215	CN19981006145	19980331
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DE69404133 D1	19970814	DE19946004133	19940223
DE69404133 T2	19971030	DE19946004133T	19940223
DK0689516 T3	19970818	DK19940909718T	19940223

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EP0689516 B1	19970709	EP19940909718	19940223
ES2104365 T3	19971001	ES19940909718T	19940223
FI954459 A	19950921	FI19950004459	19950921
FI954459 A0	19950921	FI19950004459	19950921
GR3024077 T3	19971031	GR19970401443T	19970710
HK1001252 A1	19980605	HK19980100083	19980105
JP3556221 B2	20040818	JP19940521034T	19940223
JP8508224 T2	19960903	JP19940521034T	19940223
KR19967000944 A	19960224	KR19957004015	19940223
NO307747 B1	20000522	NO19950003769	19950922
NO953769 A	19950922	NO19950003769	19950922
NO953769 A0	19950922	NO19950003769	19950922
NZ262656 A	19970822	NZ19940262656	19940223
SG64327 A1	19990427	SG19960004178	19940223
US5328053 A	19940712	US19930035346	19930322
US5361936 A	19941108	US19940210797	19940318
US5363986 A	19941115	US19940215066	19940318
VN1193 A1	20000425	VN19950001369	19950909
WO9421531 A1	19940929	WO1994US01800	19940223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; PROCTOR AND GAMBLE CO ; BERG CHARLES JOHN JR ; COOK CHARLES DENVER

Inventor(s):(std)**:** JOHNBOGER JR CHLARS ; JOHNBOGER JR CHARLS ; JOHNBOGER CHARLS JR ; JOHN JR BERG CHARLES ; DENVER COOK CHARLES ; DANFEKUKE CHARLS ; COOK DENVER CHARLES ; COOK CHARLES DENVER ; COOK CHARLES D ; COOK CHARLES ; KUKE CHARLES DANVER ; BORGECHARLESJOHN KUKECHARLSDAN ; BORGE CHARLES JOHN ; BERG JR CHARLES JOHN ; BERG JOHN CHARLES ; BERG CHARLES JOHN JR ; BERG CHARLES JOHN ; BERG CHARLES J ; BERG CHARLES

Inventor(s): KUKECHARLSDANVER BORGECHARLESJOHN JR ; BERG CHARLES JOHN JR CINCINNATI OH 45231 US ; JR CHLARS JOHNBOGER ; JR CHARLS JOHNBOGER ; JR CHARLES JOHN BERG ; JR BERG CHARLES JOHN ; JR ; CHARLS JOHNBOGER JR ; CHARLS DANFEKUKE ; CHARLES JOHN BORGE ; CHARLES JOHN BERG JR ; CHARLES JOHN BERG ; CHARLES DENVER COOK ; CHARLES DANVER KUKE ; CHARLES COOK DENVER ; CHARLES BERG JOHN ; COOK CHARLES DENVER FAIRFIELD OH 45014 US

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN

International class (IPC 8–9): A45D37/00 B65D75/58 B65D83/08 (Advanced/Invention); B65D83/08 (Advanced/Non–invention); B65D75/52 B65D83/08 (Core/Invention)

International class (IPC 1–7): B65D75/28 B65D75/58 B65D75/62 B65D83/08 B65D85/16 B65H1/00 B66D76/68 B66D83/08

CPC: Y10S206/812 B65D75/58 A45D37/00 A45D2200/1027 A47K2010/428

European class: A45D37/00 B65D75/58 K45D200/10B4 K47K10/42F

US class: 206/484 206/494 206/812 221/63

Classification Explorer

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0) US2007199123A – BIB WITH ADHESIVE STRIP

31) Family number: 35851814 (US2007199123A)

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Title: BIB WITH ADHESIVE STRIP

Priority:

EP20070757373	20070223	EP20070864625	20071120	US20060362321	20060224
US20060561965	20061121	US20070757625	20070604	EP20100002639	20071120
WO2007US62638	20070223	WO2007US85176	20071120		

Family:

Publication number	Publication date	Application number	Application date
AT542443 E	20120215	AT20070757373T	20070223
AT543398 E	20120215	AT20070002639T	20071120
AU2007220800 AA	20070907	AU20070220800	20070223
AU2007323678 AA	20080529	AU20070323678	20071120
CA2643432 AA	20080822	CA20072643432	20070223
CA2643432 C	20140923	CA20072643432	20070223
CA2670087 AA	20090520	CA20072670087	20071120
CA2670087 C	20160202	CA20072670087	20071120
CN101389233 A	20090318	CN200780006610	20070223
CN101641025 A	20100203	CN200780049829	20071120
DE602007020262 D1	20120322	DE200760020262T	20070223
DE602007020536 D1	20120329	DE200760020536T	20071120
EP1986512 A2	20081105	EP20070757373	20070223
EP1986512 A4	20100616	EP20070757373	20070223
EP1986512 B1	20120125	EP20070757373	20070223
EP2088878 A2	20090819	EP20070864625	20071120
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EP2198726 B1	20120201	EP20100002639	20071120
IL193630 A0	20090504	IL20070193630	20070223
IL198842 A0	20100217	IL20070198842	20071120
JP2009528452 T2	20090806	JP20080556553T	20070223
JP2010510407 T2	20100402	JP20090538482T	20071120
KR20080106277 A	20081204	KR20087023067	20070223
KR20090093993 A	20090902	KR20097012677	20071120
MX2008010894 A1	20081125	MX20080010894	20070223
MX2009005437 A1	20090731	MX20090005437	20071120
US2007199123 AA	20070830	US20060362321	20060224
US2007220651 AA	20070927	US20070757625	20070604
US2008115249 AA	20080522	US20060561965	20061121
US7360257 BB	20080422	US20060362321	20060224

US7367064 BA	20080506	US20060561965	20061121
US7383589 BB	20080610	US20070757625	20070604
WO07101081 A2	20070907	WO2007US62638	20070223
WO07101081 A3	20080424	WO2007US62638	20070223
WO08064196 A2	20080529	WO2007US85176	20071120
WO08064196 A3	20080828	WO2007US85176	20071120
WO08064196 C2	20081030	WO2007US85176	20071120
ZA200807186 A	20091125	ZA20080007186	20070223
ZA200904320 A	20100825	ZA20090004320	20071120

Probable Assignee: ECLIPSE HOME DECOR LLC

Assignee(s):(std)**:** CHASAN MICHAEL B ; FRIEDLAND FRANK ; NAPKLEEN EUROP LTD ; NAPKLEEN LLC ; NAPKLEEN LLC GB

Assignee(s): NAPKLEEN LLC3151 CLINT MOORE ROAD#205BOCA RATONFL33496US ; NAPKLEEN EUROPE LTD ; NAPKLEEN EUROPE LIMITED ; ECLIPSE HOME DECOR LLC

Inventor(s):(std)**:** FRANK FRIEDLAND ; FRIEDLAND FRANK ; CHASAN MICHAEL B ; CHASAN MICHAEL

Inventor(s): CHASAN MICHAEL B BOCA RATON ; CHASAN MICHAEL BUS ; FRIEDLAND FRANK BOCA RATON ; FRIEDLAND FRANKUS ; MICHAEL B CHASAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B A41B13/00 A41B13/10 A41D13/04 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/04 C08J3/24 C08K5/14 C08K7/16 C08K7/28 C08L67/06 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Advanced/Invention);
A41B13/10 A44B18/00 C12N1/15 C12N1/21 C12N5/10 (Advanced/Non–invention);
A41B13/00 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/00 C08J3/24 C08K5/00 C08K7/00 C08L67/00 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Core/Invention);
C12N1/15 C12N1/21 C12N5/10 (Core/Non–invention);
A41B (Subclass/Invention)

CPC: A41B2400/34 Y10T156/1023 Y10T156/1084 B32B37/203 A41B13/103 A41B2400/52 A47G11/002 B32B37/1292 B32B38/0004 B32B2317/12 B32B2323/04 B32B2459/00

European class: A41B13/10 A41B13/10B A47G11/00N2 B32B37/12D2 B32B37/20A K41B400/34 K41B400/52 L32B317/12 L32B323/04 L32B38/00A L32B459/00

US class: 156/209 156/269 2/49.1 2/49.2 2/49.4 2/491 2/494 2/52

Classification Explorer

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0) US5660350A – METHOD OF WINDING LOGS WITH DIFFERENT SHEET COU...

32) Family number: 12650729 (US5660350A)

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Title: METHOD OF WINDING LOGS WITH DIFFERENT SHEET COUNTS

Priority:

CA19962177507	19960528	CA19962177507	19960528	US19950459010	19950602
US19950460435	19950602	US19950459212	19950602	CA19962177513	19960528
WO1996US07450	19960522	US19960728633	19961010	US19960728632	19961010
US19960728631	19961010	WO1996US07456	19960522		

Family:

Publication number	Publication date	Application number	Application date
AR002167 A1	19980107	AR19960102826	19960531
AR005714 AA	19990714	AR1997P100454	19970205
AR005715 AA	19990714	AR1997P100455	19970205
AT195107 E	20000815	AT19960920391T	19960522
AT204827 E	20010915	AT19960920394T	19960522
AU199658717 A1	19961218	AU19960058717	19960522
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AU723541 B2	20000831	AU19960058717	19960522
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CA2177513 AA	19961203	CA19962177513	19960528
CA2177513 C	20000613	CA19962177513	19960528
CA2223060 AA	19971202	CA19962223060	19960522
CA2223060 C	20020108	CA19962223060	19960522
CN1065208 C	20010502	CN19961095488	19960522
CN1190942 A	19980819	CN19961095488	19960522
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ES2159744 T3	20011016	ES19960920394T	19960522
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HU9901913 AB	19990928	HU19990001913	19960522
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JP3330954 B2	20021007	JP19960536545T	19960522
KR100302038 B1	20011220	KR19970708721	19971202
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TW374752 B	19991121	TW19960111743	19960925
US5660350 A	19970826	US19960728631	19961010
US5810282 A	19980922	US19960728633	19961010
US6142407 A	20001107	US19960728632	19961010
WO9638362 A1	19961205	WO1996US07456	19960522
WO9638365 A1	19961205	WO1996US07450	19960522
ZA9604514 A	19961209	ZA19960004514	19960531
ZA9604515 A	19961209	ZA19960004515	19960531

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CO THE ; MYNES ROBERT DANIEL ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; BUTSCH WILLIAM JOSEPH ; BYRNE THOMAS TIMOTHY ; JOHNSON JAMES ROBERT ; LOCKWOOD FREDRICK EDWARD ; MCNEIL KEVIN BENSON

Inventor(s):(std)**:** BUTSCH WILLIAM JOSEPH ; JOHNSON JAMES ROBERT ; MCNEIL KEVIN BENSON ; MYNES ROBERT DANIEL ; NCNEIL KEVIN BENSON ; NCNEIL BENSON ; MYNES ROBERT D ; MYNES DANIEL ROBERT ; MYNES DANIEL ; MCNEIL KEVIN B ; JOHNSON ROBERT ; JOHNSON JAMES R ; BUTSCH WILLIAM J ; BUTSCH JOSEPH WILLIAM ; BUTSCH JOSEPH ; BUTCH WILLIAM J ; THOMAS TIMOTHY BYRNE ; THOMAS T BYRNE ; LOCKWOOD FREDRICK EDWARD ; LOCKWOOD FREDRICK E ; LOCKWOOD FREDERICK EDWARD ; KEVIN BENSON MCNEIL ; KEVIN B MCNEIL ; FREDRICK EDWARD LOCKWOOD ; FREDRICK E LOCKWOOD ; FREDERICK EDWARD LOCKWOOD ; BYRNE THOMAS TIMOTHY ; BYRNE THOMAS T

Inventor(s): BYRNE TIMOTHY ; FREDRICK EDWAR LOCKWOOD ; JOSEPH WILLIAM BUTSCH ; LOCKWOOD EDWARD ; MCNEIL BENSON ; JAMES ROBERT JOHNSON ; JAMES R JOHNSON ; DANIEL ROBERT MYNES ; KEVIN BENSON NCNEIL ; WILLIAM JOSEPH BUTSCH ; WILLIAM J BUTSCH ; ROBERT DANIEL MYNES

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): B65H16/08 B65H16/10 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H75/02 (Advanced/Invention); B65H18/00 B65H18/02 B65H18/10 B65H19/12 (Advanced/Non–invention); B65H18/00 B65H18/10 B65H18/14 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/195 (Core/Invention); B65H75/02 (Core/Non–invention)

International class (IPC 1–7): A61K31/395 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/00 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H43/00 B65H75/02 B65H75/24 B65H75/24

CPC: B65H2301/4148 B65H2408/2312 B65H18/021 B65H19/2223 B65H19/283 B65H19/30 B65H23/198 B65H2301/41356 B65H2301/41812 B65H2301/41814 B65H2301/541 B65H2511/11 B65H2511/212 B65H2511/30 B65H2513/108 B65H2513/11 B65H2551/15

B65H2551/20 B65H2553/00 B65H2555/24 B65H2557/20 B65H2557/23 B65H2301/41362 B65H2301/41745 B65H2301/41828 B65H18/00 B65H2511/414

European class: B65H18/00 B65H18/02B B65H19/22A4 B65H19/28A B65H19/30 B65H23/198 L65H301/41356 L65H301/41362 L65H301/41745 L65H301/41812 L65H301/41814 L65H301/41828 L65H301/541 L65H354/100 L65H408/2312 L65H511/110 L65H511/212 L65H511/300 L65H511/414 L65H513/108 L65H513/110 L65H551/150 L65H551/200 L65H553/00 L65H555/240 L65H557/200 L65H557/230

US class: 242/533.4 242/533.6

Classification Explorer

Cited documents: WO9514630 A1, WO9510472 A1, US5054708 A, US4687153 A, US4635871 A, US4516742 A, US4344584 A, US4327876 A, US4266735 A, US4265409 A, US4230286 A, US4208019 A, US4191341 A, US4174077 A, US4038127 A, US4033521 A, US3930620 A, US3885749 A, US3844501 A, US3791603 A, US3791602 A, US3734423 A, US3733035 A, US3697010 A, US3552670 A, US3547365 A, US3472462 A, US3459388 A, US3421709 A, US3179348 A, US3161363 A, US3148843 A, US3116890 A, US2769600 A, US2686015 A, US2385692 A, US2082031 A, US2029446 A, US1819406 A, LU67164 A, JPS61124478, JP61124478 A2, GB1324183 A, GB1071925 A, EP0145029 B1, EP0145029 A2, EP0135662 A2, DEB1474243, DEB1218597, DEA3041030, DE3041030 A1, DE2036991 A1, DE1803309 A1, DE1474243 B, DE1474243 A1, DE1271489 B, DE1218597 B,

0) US2010270412A – FOLDED PERFORATED WEB

33) Family number: 43427358 (US2010270412A) © PatBase

Title: FOLDED PERFORATED WEB

Priority: CO20100088022 20100719 RU20100129426 20071219 WO2007SE51037 20071219

Family:

Publication number	Publication date	Application number	Application date
AU2007362656 AA	20090625	AU20070362656	20071219
AU2007362656 BB	20140814	AU20070362656	20071219
BRPI0722301 A2	20140422	BR2007PI22301	20071219
CN101969827 A	20110209	CN200780102362	20071219
CO6280456 A2	20110520	CO20100088022	20100719
EP2244621 A2	20101103	EP20070861132	20071219
EP2244621 A4	20160323	EP20070861132	20071219
RU2010129426 A	20120127	RU20100129426	20071219
RU2462171 C2	20120927	RU20100129426	20071219
US2010270412 AA	20101028	US20070809638	20071219
US8668159 BB	20140311	US20070809638	20071219
WO09078774 A2	20090625	WO2007SE51037	20071219
WO09078774 A3	20101209	WO2007SE51037	20071219

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** FINGAL LARS ; GUNGNER SUSANNE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; TONDKAR KAVEH ; STRANDQVIST MIKAEL

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB

Inventor(s):(std)**:** FINGAL LARS ; GUNGNER SUSANNE ; STRANDQVIST MIKAEL ; TONDKAR KAVEH ; TONDKAR KAVEKH ; SUSANNE GUNGNER ; STRANDKVIST MIKAEHL ; MIKAEL STRANDQVIST ; LARS FINGAL ; KAVEH TONDKAR

Inventor(s): STRANDKVIST MIKAEHL'

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM

GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/22 A47K10/34 A47K10/38 B65H18/28 B65H35/04 B65H45/09 B65H45/22 (Advanced/Invention); A47K10/00 A47K10/24 (Core/Invention)

CPC: Y10T225/393 A47K10/16 A47K10/3818 B65H35/04 B65H45/09 B65H45/22 B65H2701/1924

European class: A47K10/16 A47K10/38B1 B65H35/04 B65H45/09 B65H45/22 L65H701/1924

US class: 206/409 225/106 242/160.1 242/160.100S 242/160.4 242/160.400P 242/526.1 242/526.100S 242/570 242/570S

Classification Explorer

Cited documents: WO9937747 A1, WO9837794 A1, WO06130057 A1, WO06080869 A1, WO03069038 A1, WO0113880 A1, US7354598 BB, US6286680 BA, US6168558 BA, US6168558 B1, US5350624 A, US5073235 A, US4597494 A, US4535912 A, US4529480 A, US4374888 A, US4340563 A, US3849241 A, US3826361 A, US3592161 A, US3301746 A, US2007262187 AA, US2006184148 AA, US2005186167 AA, US2004191300 AA, GB2400596 A1, GB2002327 A1, EP1667563 B1, EP1333868 B1, EP0953516 A1, EP0667612 A2, EP0258515 A1, DE2437108 A1, CN2508677 Y, BE877568 A, AU497647 B2, AU2876577,

0) US20130221150A – REWINDING MACHINE AND METHOD FOR THE PRODUCTION...

34) Family number: 50832860 (US2013221150A)

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Title: REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL

Priority:

EP20110767803	20110915	IT2010FI00205	20100928	WO2011IT00320	20110915
US20130261620	20130408	US20150947108	20151120	JP20130530860T	20110915

Family:

Publication number	Publication date	Application number	Application date
AU2011310449 AA	20120405	AU20110310449	20110915
AU2011310449 BB	20160505	AU20110310449	20110915
BR112013007155 A2	20160614	BR20131107155	20110915
CA2812695 AA	20130322	CA20112812695	20110915
CN103153829 A	20130612	CN201180047193	20110915
CN103153829 B	20160427	CN201180047193	20110915
EP2621844 A1	20130807	EP20110767803	20110915
EP3009382 A2	20160420	EP20150191734	20110915
EP3009382 A3	20160608	EP20150191734	20110915
IL225367 A0	20130627	IL20110225367	20110915
IN02276CN2013 A	20141010	IN2013CN02276	20130321
IT1401881 B1	20130828	IT2010FI00205	20100928
ITFI20100205 A1	20120329	IT2010FI00205	20100928
JP2013539739 T2	20131028	JP20130530860T	20110915
JP2016047772 A2	20160407	JP20150236769	20151203
JP5933564 B2	20160615	JP20130530860T	20110915
KR101760544 B1	20170721	KR20137007466	20110915
KR20140025297 A	20140304	KR20137007466	20110915
MX2013003550 A1	20130624	MX20130003550	20110915
MX339152 B	20160513	MX20130003550	20110915

RU2013119645 A	20141110	RU20130119645	20110915
RU2567202 C2	20151110	RU20130119645	20110915
US2013221150 AA	20130829	US20110261620	20110915
US2016075530 AA	20160317	US20150947108	20151120
US9352920 BB	20160531	US20110261620	20110915
US9701505 BB	20170711	US20150947108	20151120
WO12042549 A1	20120405	WO2011IT00320	20110915
ZA201301771 A	20150624	ZA20130001771	20130308

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** FRANCO MONTAGNANI ; MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; ROBERTO MORELLI ; ROMANO MADDALENI ; MONTAN JANI FRANKO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 (Advanced/Invention); B65H (Subclass/Invention)

CPC: B65H19/2269 B65H19/283 B65H19/305 B65H2301/41812 B65H2301/41814 B65H2408/235 B65H2404/42 B65H2301/4143 B65H2301/41447 B65H2301/418 B65H19/267 B65H2301/41361 B65H2513/104 B65H19/26 B65H18/20

European class: B65H19/26C L65H408/236

US class: 1/1 242/521 242/522

Classification Explorer

Cited documents: US7775476 BB, US7494086 BB, US7318562 BB, US6948677 BB, US6648266 BA, US6098916 A, US5979818 A, US5964389 A, US5964389, US5810280 A, US5810280, US4783015 A, US2010043613 AA, US2009302146 AA, US2009302146, US2007176039 AA, US2002179768 AA, RU2169691, JP58216854 A2, JP58152750 A2, JP57077147 A2, JP5652345, JP56052345 A2, JP4317945 A2, JP2007290869 A2, JP2007290869, EP1982939 A1, EP1262434 A2, EP01982939, CN1867505 A,

0) US2009202774A – LAMINATED PAPER ARTICLE AND PAPER WEB

35) Family number: 37221978 (US2009202774A)

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Title: LAMINATED PAPER ARTICLE AND PAPER WEB

Priority: EP20060717028 20060317 RU20080141164 20060317 WO2006SE00343 20060317

Family:

Publication number	Publication date	Application number	Application date
AU2006340403 AA	20070927	AU20060340403	20060317
AU2006340403 BB	20110721	AU20060340403	20060317
BRPI0621417 A2	20111206	BR2006PI21417	20060317
BRPI0621417 B1	20160119	BR2006PI21417	20060317
BRPI0621417 B8	20160823	BR2006PI21417	20060317
CN101400856 A	20090401	CN200680053894	20060317

CN101400856 B	20110824	CN200680053894	20060317
DE602006032241 D1	20121129	DE200660032241T	20060317
EP2004909 A1	20081224	EP20060717028	20060317
EP2004909 A4	20100623	EP20060717028	20060317
EP2004909 B1	20121003	EP20060717028	20060317
ES2392650 T3	20121212	ES20060717028T	20060317
MX2008010911 A1	20080903	MX20080010911	20060317
RU2008141164 A	20100427	RU20080141164	20060317
RU2407841 C2	20101227	RU20080141164	20060317
US2009202774 AA	20090813	US20060281815	20060317
US8318281 BB	20121127	US20060281815	20060317
WO07108725 A1	20070927	WO2006SE00343	20060317

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** ALBERTSSON SVERKER ; GUNGNER SUSANNE ; MAANSSON ANNA ; SAARVAELI EVA LI ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AG

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; MANSSON ANNA

Inventor(s):(std)**:** AL BERTSSON SVERKER ; ALBERTSSON S ; ALBERTSSON SVERKER ; ANNA MANSSON ; EVA LI SAARVAELI ; EVA LI SAARVALI ; GUNGNER S ; GUNGNER SUSANNE ; MAANSSON A ; MAANSSON ANNA ; MANSSON ANNA ; MONSSON ANNA ; SAARVAELI E L ; SAARVAELI EVA LI ; SAARVALI EVA LI ; SAARVELI EHVA LI ; SAARVOLI EVA LI ; SUSANNE GUNGNER ; SVERKER ALBERTSSON

Inventor(s): SALBERTSSON ; SGUNGNER ; SAARVELI EHVA−LI ; A MAANSSON ; S ALBERTSSON ; S GUNGNER ; EVA LI SAARVOLI ; E L SAARVAELI ; ELSAARVAELI ; AL'BERTSSON SVERKER ; ALBERTSSON SVERKER PIXBO ; AMAANSSON ; ANNA MAANSSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Advanced/Invention); A47K10/00 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Core/Invention)

CPC: B32B29/005 B32B2250/26 B32B2307/726 B32B2307/728 B32B2432/00 A47K10/16 B32B7/14 B32B29/00 Y10T428/15 Y10T428/24826 Y10T428/24851 Y10T428/24876 Y10T428/24934

European class: A47K10/16 B32B29/00 B32B7/14

US class: 428/198 428/201 428/201S 428/204 428/211.1 428/43 428/43P

Classification Explorer

Cited documents: WO9720107 A1, WO03072345 A1, US6361784 BA, US6136413 A, US6106928 A, US4978565 A, US4325768 A, US3687754 A, US3672950 A, US2002013109 AA,

0) US5840403A – MULTI–ELEVATIONAL TISSUE PAPER CONTAINING SELEC...

36) Family number: 10953384 (US5840403A)

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Title: MULTI−ELEVATIONAL TISSUE PAPER CONTAINING SELECTIVELY DISPOSED CHEMICAL PAPERMAKING ADDITIVE

Priority:

US19960664468	19960614	US19960664468	19960617	US19990384910	19990827
US19980168227	19981008	US19980099885P	19980911	US19980099885P	19990911
WO1999US20760	19990909	WO1997US10480	19970617		

Family:

Publication number	Publication date	Application number	Application date
AR018207 AA	20011031	AR1999P104569	19990910
AT254214 E	20031115	AT19990946852T	19990909
AU199734908 A1	19980107	AU19970034908	19970617
AU199959170 A1	20000403	AU19990059170	19990909
AU199959170 A5	20000403	AU19990059170	19990909
AU780820 B2	20050421	AU19990059170	19990909
CL1999002066 A1	20000516	CL19990002066	19990910
DE69912819 D1	20031218	DE19996012819	19990909
DE69912819 T2	20040923	DE19996012819T	19990909
EP0991817 A1	20000412	EP19970931217	19970617
EP1112409 A1	20010704	EP19990946852	19990909
EP1112409 B1	20031112	EP19990946852	19990909
ES2209507 T3	20040616	ES19990946852T	19990909
IN01604DE1997 A	20160831	IN1997DE01604	19970616
JP2001508503 T2	20010626	JP19980503240T	19970617
JP2003535225 T2	20031125	JP20000570420T	19990909
PE11732000 A1	20001231	PE19990000920	19990910
TH36193 A	19991215	TH19971002346	19970616
TH42972 A	20010209	TH19991003324	19990906
US5840403 A	19981124	US19960664468	19960614
US6117525 A	20000912	US19980168227	19981008
US6420013 BA	20020716	US19990384910	19990827
WO0015907 A1	20000323	WO1999US20760	19990909
WO9748854 A1	19971224	WO1997US10480	19970617
ZA9705340 A	19980126	ZA19970005340	19970617

Probable Assignee: PROCTOR AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER GAMBLE CO ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI

Inventor(s):(std)**:** HO KLEINWACHTER MONICA ; HO KLEINWAECHTER MONICA ; HO MONICA ; MELVIN JOE BRIAN ; PHAN DEAN VAN ; TROKHAN DENNIS ; TROKHAN PAUL DENNIS ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON ; TROKHAN ; DEAN VAN PHAN ; HO ; MONICA ; MONICA HO ; NORTEAMERICANOS ; PAUL DENNIS ; PAUL DENNIS TROKHAN ; JOE BRIAN MELVIN ; KENNETH DOUGLAS ; KENNETH DOUGLAS VINSON

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): B32B29/06 C08K3/16 C08K5/17 C08L71/02 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/32 D21H19/74 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 D21H27/30 (Advanced/Invention);
D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 (Advanced/Non−invention);

	C08K3/00 C08K5/00 C08L71/00 D21H19/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 (Core/Invention); D21H17/00 D21H21/22 (Core/Non–invention)
International class (IPC 1–7):	A61F A61L B32B3/00 B32B3/02 C08K3/16 C08K5/17 C08L71/02 D21H D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/74 D21H21/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 D21H5/24
CPC:	Y10T428/24463 Y10T428/24479 Y10T428/24554 Y10T428/24612 Y10T428/24802 D21H19/74 D21H27/30 D21H21/14 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/375 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 Y10T442/2311 Y10T442/2352 Y10T442/2484 Y10T442/2492 Y10T442/2582 Y10T442/2762 Y10T442/695 Y10T442/696
European class:	D21H19/74 D21H21/14 D21H27/02 D21H27/30 N21H17/06 N21H17/07 N21H17/14 N21H17/28 N21H17/37B N21H17/53 N21H17/55 N21H21/18 N21H21/20 N21H21/22 N21H21/24 N21H21/28
US class:	162/113 162/123 162/127 162/134 162/158 162/162 162/164.4 162/168.4 162/184 428/154 428/156 428/165 428/172 428/195 428/195.1 442/102 442/118 442/119 442/130 442/152 442/413 442/414 442/97
Classification Explorer	
Cited documents:	WO9829605 A1, WO9748854 A1, WO9747809 A1, WO9619616 A1, WO9535411 A1, USRE32649 E, USH1672 H1, US6117525 A, US5840403 A, US5624532 A, US5575891 A, US5573637 A, US5549928 A, US5547747 A, US5543067 A, US5538595 A, US5527428 A, US5525345 A, US5510000 A, US5494731 A, US5487813 A, US5487736 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5328759 A, US5312522 A, US5281207 A, US5279767 A, US5277761 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5242435 A, US5240562 A, US5228954 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5175046 A, US5171391 A, US5164046 A, US5156902 A, US5149335 A, US5118376 A, US5079034 A, US5071681 A, US5059282 A, US5013309 A, US4994053 A, US4959125 A, US4950545 A, US4940513 A, US4892754 A, US4888238 A, US4880419 A, US4874465 A, US4865886 A, US4842927 A, US4835020 A, US4820294 A, US4795530 A, US4761322 A, US4748076 A, US4735738 A, US4715918 A, US4699823 A, US4637859 A, US4613447 A, US4559050 A, US4529480 A, US4513051 A, US4481243 A, US4460642 A, US4447294 A, US4354487 A, US4310593 A, US4300981 A, US4293600 A, US4235237 A, US4191609 A, US4158594 A, US4145464 A, US4112167 A, US4082878 A, US4071650 A, US4061846 A, US4028172 A, US4008353 A, US3994771 A, US3993820 A, US3974025 A, US3967030 A, US3965904 A, US3881632 A, US3849173 A, US3818533 A, US3814096 A, US3755220 A, US3755071 A, US3721242 A, US3670731 A, US3554788 A, US3484275 A, US3438807 A, US3369700 A, US3301746 A, US32649 A, JP7189171 A2, JP63291908 A2, JP3180598 A2, JP2001518576 T2, JP2001507761 T2, GB1452325 A, EP0304952 A2, EP0293762 A2, EP0291316 A2, EP0290814 A2, EP0262405 A2, EP0257308 A2, EP0160572 A2, EP0144658, EP0040087 B1, EP0040087 A2, EP0033988 A2, DE2222780 A1,

0) US2013313279A – TISSUE PAPER SYSTEMS

37) Family number: 50950071 (US2013313279A)

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Title:	TISSUE PAPER SYSTEMS
Priority:	CO20130117026 20130510 WO2010EP65193 20101011 ZA20130002224 20130325

Family:

Publication number	Publication date	Application number	Application date
AU2010362447 AA	20120419	AU20100362447	20101011
CN103261050 A	20130821	CN201080070589	20101011
CO6731083 A2	20130815	CO20130117026	20130510
EP2627581 A1	20130821	EP20100770761	20101011
EP2627581 B1	20170920	EP20100770761	20101011
IN03030DN2013 A	20141114	IN2013DN03030	20130405

MX2013003995 A1	20130628	MX20130003995	20101011
RU2013120951 A	20141120	RU20130120951	20101011
TN2013000126 A1	20140625	TN20130000126	20130322
US2013313279 AA	20131128	US20100878784	20101011
WO12048724 A1	20120419	WO2010EP65193	20101011
ZA201302224 A	20140129	ZA20130002224	20130325

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; THOREN WENCKE AGNETA ; WONG ANDREW ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; KIM SINIZ ; SUDWORTH JAN CASPAR

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; SAARVALI EVA LI ; SAARVALI MONICA EVA LI ; KIM SINIZ ; SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; SUDWORTH JAN CASPER ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; THOREN WENCKE AGNETA ; WONG ANDREW

Inventor(s): WECKE AGNETA THOREN ; WENCKE AGNETA THOREN ; SINIZ KIM ; MARCEL SCHMIDT ; MONICA EVA LI SAARVAELI ; SAARVALI MONICA EVALI ; EVA LI SAARVALI ; JAS CASPAR SUDWORTH ; ELEANOR DAVIES ; BERTOLD ENGLER ; ALI BAGHERZADEH ; ANDREW WONG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/0876 A47K10/424 B65D75/585 B65D83/0847

European class: B65D75/58E2 B65D83/08D

US class: 206/233 221/45

Classification Explorer

Cited documents: US5054612 A, US3372837 A, US3272118 A, US3209941 A, US2160412 A, DE9303965 U, DE1781377 U, CA2457204 AA,

0) US2008038504A – APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABO...

38) Family number: 32662356 (US2008038504A)

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Title: APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABORBING MATERIAL AND ABSORBENT ARTICLE

Priority:

EP20050755712	20050628	EP20050755713	20050628	EP20050755714	20050628
JP20040190411	20040628	JP20040190410	20040628	JP20040194851	20040630
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Probable Assignee: DAIO SEISHI KK

Assignee(s):[(std)]**:** DAIO SEISHI KK ; DIAO PAPER CORP ; EBITSUKA KEISUKE ; MANABE SADANAO ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; MAEDA TOSHIKAZU ; YANO HIROYUKI ; KUBO TAIRA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU ; KAMOTO TOMOKA ; TAKEUCHI TOMONARI ; KONAWA SATOKO

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):(std) EBIZUKA KEISUKE ; TAKEUCHI TORANARI ; TOMOKA KAMOTO ; TOMOTSUGU TAKEUCHI TOMONARI EL ; TOMOTSUGU TAKEUCHI TOMONARI KO ; TAIR MANABE SADANAO HANAO HIRO ; KAO HIROYUKI ; KAMOTO TOMOTAKA ; HIROYUKI KAMOTO TOMOKA KUBO TA ; HIROYUKI HANAO HIROYUKI KUBO T ; HANAO HIROYUKI KUBO TAIRA MIYA ; FUKAE KOUREI ; YOSHIHARU MIYASHITA ; TAKESHI FURUDOI ; SATOKO KONAWA ; SADANAO MANABE ; MIYASHITA Y ; TOMONARI TAKEUCHI ; TAKEUCHI TOMONARI ELLEAIR ; KONAWA SATOKO ELLEAIR ; KEISUKE EBITSUKA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU DAIO ; MATSUI TOMOTSUGU ; MANABE SADANAO ; MAEDA TOSHIKAZU ; KUBO TAIRA ; KAMOTO TOMOKA ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; TOSHIKAZU MAEDA ; TOMOTSUGU MATSUI ; ELLEAIR TAKEUCHI TOMONARI ; ELLEAIR KONAWA SATOKO ; YANO HIROYUKI ; KONAWA SATOKO ; JP FURUDOI TAKESHI ; HIROYUKI YANO ; HIROYUKI HANAO ; FURODOI TAKESHI ; EBITSUKA KEISUKE ; AKINORI FUKAE ; TAKEUCHI TOMONARI ; TAIRA KUBO

Inventor(s): MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI... ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD ; FURUDOI TAKESHI JP ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA... ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO... ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; TAKEUCHI TOMONARI D ; MATSUI TOMOTSUGU TD ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU MATS ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y MATSUI TOMOT ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO ELLEAIR MA ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA KEISUKE M ; YANO HIROYUKI DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI C O DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU MATSU ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI TOCHIGI ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD EHIME ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; KUBO TAIRAC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU C O DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZUC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI FUKA ; MANABE SADANAO C O DAIO PAPER CONVERTING CO LTD ; MANABE SADANAOC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU C O DAIO PAPER CONVERTING COLTD ; MATSUI TOMOTSUGUC O DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU C O DAIO PAPER CONVERTCOLTD ; MIYASHITA YOSHIHARUC O DAIO PAPER CONVERTCOLTD SHIKOKUCHUO SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/538 A61F13/539 A61F5/44 A61L15/60 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/24 B44C3/08 D04H1/54 D04H1/559 D04H1/70 D06C23/04 (Advanced/Invention);
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International class (IPC 1–7): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F13/539 A61F5/44 A61L15/60 B32B5/24 D04H1/54 D06C23/04

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European class: A61F13/15J A61F13/511 A61F13/53 A61F13/534 A61F13/537 A61F13/537C2 A61L15/60 B32B27/12 B32B27/32 B32B29/02 B32B5/00 B32B5/02A B32B5/14A B32B5/14B B32B5/24A B32B5/26 K61F13/495E K61F13/53Q2A K61F13/53Q2E K61F13/53Q4A1 K61F13/53Q6 K61F13/53Q8 K61F13/53Q8A K61F13/53Q8A2 K61F13/53Q8B

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39) Family number: 33602445 (US2010101185A) © PatBase

Title: METHOD AND DEVICE FOR MANUFACTURING ROLLS OF WEB MATERIAL WITH AN OUTER WRAPPING

Priority: EP20060745306 20060427 IT2005FI00087 20050502 WO2006IT00289 20060427

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA ; FRANCE TELECOM

Inventor(s):(std)**:** MAURO GELLI ; ROMANO MADDALENI ; MADDALENI ROMANO ; GELLI MAURO

Inventor(s): GELLI MAURO I 55066 CAPANNORI ; MADDALENI ROMANO I 56031 BIENTINA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65B63/04 B65D85/671 B65H18/20 B65H18/26 B65H19/22 B65H19/26 B65H19/29 H04B7/08 (Advanced/Invention);
B65H19/29 (Advanced/Non–invention);
B65B63/00 B65D85/67 B65H18/08 B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): B65H19/29

CPC: B65H2408/235 B65H19/29

European class: B65H19/29 L65H408/235

US class: 242/521 242/521S 242/542.1 242/542.2 53/116 53/118 53/118S 53/204 53/211 53/399 53/430 53/430P 53/435 53/435S 53/513 53/513S 53/520 53/520S

Classification Explorer

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0) US2002017310A – SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUB...

40) Family number: 30083018 (US2002017310A) © PatBase

Title: SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBTANCE ONTO A TARGET SURFACE

Priority:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** FIELDS KEVIN JOE ; GRUENBACHER DANA PAUL ; MANSKE THOMAS JAMES JR ; JOSEPH GARY CURTIS ; JOSEPH CURTIS GARY ; KEVIN JOE FIELDS ; GARY CURTIS JOSEPH ; PROCTER AND GAMBLE ; ZAVERI PIYUSH NARENDRA ; ZAVERI PIYUSH NARENDA ; PIYUSH NARENDA ZAVERI ; SHERRY ALAN EDWARD ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; DAVIS JAMES HERBERT ; ZIMMERMAN DEAN ARTHUR ; ZIMMERMAN DEAN A

Assignee(s): DIRKSING WILLIAM PAUL ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; VERBIEST JAN H ; WONG ARTHUR ; CEDENO ALEJANDRO ; PROCTOR AND GAMBLE CO ; PROCTER AND ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO ; GAMBLE CO ; LAKE KIRK WALLACE

Inventor(s):(std)**:** DAVIS HERBERT ; FIELDS JOE ; GARY CURTIS JOSEPH ; GRUENBACHER PAUL ; JOSEPH CURTIS ; JOSEPH CURTIS GARY ; PAUL GRUENBACHER DANA ; PIYUSH NARENDA ZAVERI ; PIYUSH NARENDRA ZAVERI ; SHERRY ALAN EDWARD ; ZAVERI NARENDRA ; ZAVERI PIYUSH N ; ZAVERI PIYUSH NARENDA ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZIMMERMAN DEAN ARTHUR ; MANSKE THOMAS J ; JOSEPH GARY CURTIS ; JOSEPH GARY C ; GRUENBACHER DANA PAUL ; GRUENBACHER DANA P ; FIELDS KEVIN JOE ; FIELDS KEVIN J ; DAVIS JAMES HERBERT ; DAVIS JAMES H ; KEVIN JOE FIELDS ; MANSKE JAMES ; MANSKE JR THOMAS JAMES ; MANSKE THOMAS JAMES ; MANSKE THOMAS JAMES JR ; ZAVERI P N ; WONG ARTHUR ; VERBIEST JAN H ; SHERRY ALAN E ; PUNG DAVE J ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; MANSKE JR THOMAS J ; LAKE KIRK WALLACE ; LAKE KIRK W ; JOSEPH G C ; FIELDS K J ; DIRKSING WILLIAM PAUL ; DIRKSING WILLIAM P ; CEDENO ALEJANDRO ; ZAVERI NARENDA ; JOSEPH GARY ; VERBIEST JAN HENDRIK MARIA ; THOMAS JAMES MANSKE JR ; THOMAS JAMES MANSKE ; THOMAS JAMES JR MANSKE ; JAMES HERBERT DAVIS ; DEAN A ZIMMERMAN ; DANA PAUL GRUENBACHER ; ALAN EDWARD SHERRY ; JR THOMAS JAMES MANSKE ; MANSKE THOMAS J JR

Inventor(s): MANSKE THOMAS ; MANSKE ; JR THOMAS JAMES ; JR THOMAS J ; DEAN ARTHUR ZIMMERMAN ; DIRKSING WILLIAM ; DAVIS JAMES ; GRUENBACHER DANA ; GC JOSEPH ; G C JOSEPH ; FIELDS KEVIN ; LAKE KIRK ; KJ FIELDS ; K J FIELDS ; MANSKE THOMAS JJR ; PUNG DAVE JOHN ; PUNG DAVE ; PN ZAVERI ; P N ZAVERI ; SHERRY ALAN ; NARENDA ZAVERI PIYUSH ; ZIMMERMAN ; GUENBACHER DANA PAUL ; GRUENBACHER DANA PUAL ; FIELDS K J YMANSKE THOMAS JAMES ; DAVIS JAMES HERBET ; ZAVERI PIYUSH ; ZAVERI PIYUSH NARENDRA AND ; KEVIN J FIELDS ; CURTIS GARY JOSEPH ; CURTIS JOSEPH GARY ; DANA P GRUENBACHER ; JAMES H DAVIS ; JOE FIELDS KEVIN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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0) US2004099388A – STRUCTURAL PRINTING OF ABSORBENT WEBS

41) Family number: 30587735 (US2004099388A)

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Title: STRUCTURAL PRINTING OF ABSORBENT WEBS

Priority: US20020305791 20021127 WO2003US27316 20030829

Family:

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Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; LINDSAY JEFFREY D ; URLAUB JOHN J ; TIRIMACCO MAURIZIO ; CHEN FUNG JOU ; HUNT THOMAS F

Inventor(s):(std)**:** CHEN FUNG JOU ; FUNG JOU CHEN ; HUNT THOMAS F ; JEFFREY D LINDSAY ; JOHN J URLAUB ; LINDSAY JEFFREY D ; MAURIZIO TIRIMACCO ; THOMAS F HUNT ; TIRIMACCO MAURIZIO ; URLAUB JOHN J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05C1/16 B41M1/04 B41M1/24 B41M3/00 B41M3/18 D21H23/56 (Advanced/Invention); B05C1/08 B41M1/04 B41M1/24 B41M3/00 (Advanced/Non–invention); B05C1/04 B41M1/00 B41M3/00 D21H23/00 (Core/Invention); B05C1/08 (Core/Non–invention)

International class (IPC 1–7): B41M1/04 B41M1/24 B41M3/00 D21F11/00

CPC: Y10T428/24455 Y10T428/24479 B05C1/083 B05C1/0834 D21H23/56 B05C1/165 B41M1/24 B41M3/00

European class: B05C1/16A B41M1/24 L05C1/08P1 L05C1/08P2 L41M3/00

US class: 156/277 162/109 162/111 162/117 162/123 162/123S 162/125 162/134 162/135 162/135S 162/158 162/158S 162/204 264/121 428/153 428/156

Classification Explorer

Cited documents: WO9920822 A1, WO9718784 A1, WO9711226 A1, WO03057965 A1, WO02098999 A2, WO02098571 A2, WO02081819 A1, WO0147700 A1, WO0131123 A1, WO0126595 A1, WO0126592 A1, WO0120079 A1, WO0119306 A1, WO0071334 A1, WO0048544 A1, WO0030582 A1, WO0020682 A1, US6841590 BB, US6500289 BB, US6447643 BB, US6436234 BA, US6429261 BA, US6423180 BA, US6410097 BB, US6395957 BA, US6322665 BA, US6287581 BA, US6248212 BA, US6231719 BA, US6214274 BA, US6197479 BA, US6197459 BA, US6187137 BA, US6129815 A, US6126784 A, US6103062 A, US6103061 A, US6096412 A, US6043317 A, US6017417 A, US5990377 A, US5976763 A, US5916732 A, US5904811 A, US5885697 A, US5858554 A, US5798202 A, US5772845 A, US5743999 A, US5670110 A, US5656132 A, US5609587 A, US5607760 A, US5565255 A, US5562645 A, US5558020 A, US5462835 A, US5429686 A, US5399412 A, US5334289 A, US5322761 A, US5279697 A, US5215859 A, US5187044 A, US5175072 A, US5120360 A, US5098522 A, US5048589 A, US5019211 A, US5015556 A, US4921643 A, US4919877 A, US4786657 A, US4637859 A, US4578504 A, US4528239 A, US4517278 A, US4514345 A, US4451419 A, US4436687 A, US4377544 A, US4309179 A, US4264705 A, US4225384 A, US4205991 A, US4183889 A, US4181762 A, US4143890 A, US4076874 A, US3976820 A,

US3953638 A, US3953638 A, US3948665 A, US3906128 A, US3879257 A, US3870778 A, US3853638 A, US3810280 A, US3708565 A, US3696183 A, US3260778 A, US2004099389 AA, US2004099388 AA, US2004020614 AA, US2003953638 AA, US2002180092 AA, KR20020047268 A, KR100266490 B1, KR100266490, GB1378638 A, EP1262531 A1, EP1262243 A1,

0) US2013071678A – TISSUE PRODUCT COMPRISING BAMBOO

42) Family number: 53273634 (US2013071678A)

© PatBase

Title: TISSUE PRODUCT COMPRISING BAMBOO

Priority:

US20110212011	20110921	US20110238826	20110921	US20130874034	20130430
WO2012IB54042	20120808	US20140296929	20140605	US20150944987	20151118

Family:

Publication number	Publication date	Application number	Application date
AU2012311164 AA	20130328	AU20120311164	20120808
AU2012311164 BB	20150122	AU20120311164	20120808
BR112014005592 A2	20170321	BR20141105592	20120808
CA2847064 AA	20140226	CA20122847064	20120808
CA2847064 C	20160607	CA20122847064	20120808
CN103814173 A	20140521	CN201280045916	20120808
CN103814173 B	20160302	CN201280045916	20120808
CO6910179 A2	20140331	CO20140058633	20140319
EP2758593 A2	20140730	EP20120833637	20120808
EP2758593 A4	20150429	EP20120833637	20120808
KR101497884 B1	20150302	KR20147007126	20120808
KR20140068073 A	20140605	KR20147007126	20120808
MX2014002400 A1	20140605	MX20140002400	20120808
MX337233 B	20160218	MX20140002400	20120808
TW201319358 A	20130516	TW20120132938	20120910
TWI577855 B	20170411	TW20120132938	20120910
US2013071678 AA	20130321	US20110238826	20110921
US2013299107 AA	20131114	US20130874034	20130430
US2014284010 AA	20140925	US20140296929	20140605
US2016069029 AA	20160310	US20150944987	20151118
US8524374 BB	20130903	US20110238826	20110921
US8778505 BB	20140715	US20130874034	20130430
US9222224 BB	20151229	US20140296929	20140605
US9410291 BB	20160809	US20150944987	20151118
WO13041986 A2	20130328	WO2012IB54042	20120808
WO13041986 A3	20130523	WO2012IB54042	20120808

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; SHANNON THOMAS GERARD

Inventor(s):(std)**:** SHANNON THOMAS GERARD ; THOMAS GERARD SHANNON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL

SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B32B21/06 B32B23/04 B32B29/02 B32B5/02 B32B5/26 D21H11/00 D21H11/04 D21H11/12 D21H17/02 D21H19/80 D21H21/18 D21H27/00 D21H27/30 D21H27/38 D21H27/42 (Advanced/Invention); D21H25/04 (Advanced/Non–invention)

CPC: D21H27/38 D21H11/12 D21H27/002 B32B5/022 B32B5/26 B32B2262/065 B32B2262/067 B32B2555/00 B32B2555/02 D21H25/04 D21H27/30 Y10T428/31971 Y10T428/31975 Y10T428/31978 Y10T428/31982 Y10T428/31986 D21H11/04

US class: 1/1 162/100 162/123 162/129 162/141 162/148 428/532 428/533 428/534 428/535 428/536

Classification Explorer

Cited documents: WO08063014 A1, WO08044860 A1, WO08003343 A1, WO07112916 A1, WO07059789 A1, WO07004757 A1, WO0021918 A1, US9222224 BB, US8778505 BB, US8524374 BB, US7611607 BB, US6998024 BB, US6821387 BB, US6797114 BB, US6797114, US6796114 BB, US6211139 BA, US6017417 A, US5830321 A, US5730839 A, US5716498 A, US5656132 A, US5558873 A, US5543067 A, US5529665 A, US5494554 A, US5399412 A, US5129988 A, US5048589 A, US4919877 A, US4857145 A, US4849054 A, US4551199 A, US4440597 A, US2009266500 AA, US2003111197 AA, US2003111197, KR20110060510 A, KR20090036284 A, KR20090036284, KR100547492 B1, KR100547492, JP7197400 A2, JP5321190 A2, JP10102392 A2, EP2002058 A1, EP1319749 A1, DE9300201 U,

0) US2013292402A – TISSUE PAPER SYSTEMS

43) Family number: 50950077 (US2013292402A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117025 20130510 EP20100766028 20101011 WO2010EP65197 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362450 AA	20120419	AU20100362450	20101011
CN103249341 A	20130814	CN201080070536	20101011
CO6720971 A2	20130731	CO20130117025	20130510
DE602010029544 D1	20160128	DE201060029544T	20101011
EP2627230 A1	20130821	EP20100766028	20101011
EP2627230 B1	20151216	EP20100766028	20101011
IN02902DN2013 A	20141114	IN2013DN02902	20130402
MX2013003991 A1	20130628	MX20130003991	20101011
RU2013120941 A	20141120	RU20130120941	20101011
TN2013000123 A1	20140625	TN20130000123	20130322
US2013292402 AA	20131107	US20100878803	20101011
WO12048727 A1	20120419	WO2010EP65197	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): BAGHERZADEH ALI ; BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; LARSSON BJOERN ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; WONG ANDREW ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; LARSSON BJOERN ; SAARVALI MONICA EVA LI ; LARSSON BJORN ; BAGHERZADEH ALI ; SAARVALI EVA LI ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; A WENG ; WONG ANDREW

Inventor(s): ALI BAGHERZADEH ; WECKE AGNETA THOREN ; BJOERN LARSSON ; ANDREW WONG ; BJORN LARSSON ; MONICA EVA LI SAARVAELI ; RALPH BREMENKAMP ; MARCEL SCHMIDT ; WENCKE AGNETA THOREN ; ELEANOR DAVIES ; JULIA POLINNA ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH ; EVA LI SAARVALI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D83/0805 B65D83/0894

European class: A47K10/42C B65D83/08B B65D83/08H

US class: 221/35

Classification Explorer

Cited documents: WO10126859 A1, WO0164525 A2, US2160412 A, US2009250486 AA, US2004124203 AA, US2004124202 AA, US2004099679 AA, GB2357494 A1,

0) US2013270290A – TISSUE PAPER SYSTEMS

44) Family number: 50950074 (US2013270290A)

© PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65194 20101011 ZA20130002090 20130320

Family:

Publication number	Publication date	Application number	Application date
AU2010362448 AA	20120419	AU20100362448	20101011
CN103249654 A	20130814	CN201080070537	20101011
EP2627586 A1	20130821	EP20100766027	20101011
EP2627586 B1	20170920	EP20100766027	20101011
IN02901DN2013 A	20141114	IN2013DN02901	20130402
MX2013003948 A1	20130605	MX20130003948	20101011
RU2013121579 A	20141120	RU20130121579	20101011
TN2013000127 A1	20140625	TN20130000127	20130322
US2013270290 AA	20131017	US20100878800	20101011
WO12048725 A1	20120419	WO2010EP65194	20101011
ZA201302090 A	20140226	ZA20130002090	20130320
ZA201302090 A	20140129	ZA20130002090	20130320

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): A WENG ; ENGLER BERTOLD ; KRIEKEN BRAM VAN ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Inventor(s): MARCEL SCHMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA

NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B23B3/26 B23B3/28 B32B3/02 B32B3/26 B32B3/28 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/08 A47K10/42 B32B3/02 B32B3/266 B32B3/28 A47K10/424 B65D75/585 B65D83/0894 Y10T428/15 Y10T428/24628

European class: A47K10/42C B65D75/58E2 B65D83/08H

US class: 221/48 428/174 428/43

Classification Explorer

Cited documents: US7211311 BB, US6817484 BB, US6644501 BB, US3499575 A, US3456844 A, US3265241 A, US3209941 A, US2323395 A, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1213230 A1, EP1201564 A1, EP1195333 A1, EP0983740 A2,

DE102007035501 A1

CN1365939 A, CN1349918 A, CN1250639 A,

0) US2001027592A – CASKET LID AND METHOD OF MAKING SAME

45) Family number: 28100369 (US2001027592A) © PatBase

Title: CASKET LID AND METHOD OF MAKING SAME

Priority:

AU19990058147	19990908	AU20040200835	20040302	AU20060235827	20061102
AU20040200835	20040302	AU20060235827	20061102	CA20032421016	20030306
US20070697891	20070409	US20040827227	20040419	US20020261406	20021001
US20020093288	20020307	US20010878743	20010611	US20030337104	20030106
US19990457163	19991208	US19980153626	19980915	WO1999US20532	19990908

Family:

Publication number	Publication date	Application number	Application date
AT264092 E	20040415	AT19990945571T	19990908
AU199958147 A1	20000403	AU19990058147	19990908
AU199958147 A5	20000403	AU19990058147	19990908
AU2004200835 AA	20040325	AU20040200835	20040302
AU2006235827 AA	20061123	AU20060235827	20061102
AU2006235827 BB	20080410	AU20060235827	20061102
AU768070 B2	20031204	AU19990058147	19990908
CA2341389 AA	20010221	CA19992341389	19990908
CA2341389 C	20080429	CA19992341389	19990908
CA2421016 AA	20030907	CA20032421016	20030306
CA2421016 C	20101102	CA20032421016	20030306
DE69916470 D1	20040519	DE19996016470	19990908
DE69916470 T2	20050519	DE19996016470T	19990908
EP1113775 A1	20010711	EP19990945571	19990908
EP1113775 B1	20040414	EP19990945571	19990908
MXPA01002691 A1	20020408	MX2001PA02691	19990908
US2001027592 AA	20011011	US20010878743	20010611
US2003097739 AA	20030529	US20030337104	20030106
US2003122280 AA	20030703	US20020261406	20021001
US2004244163 AA	20041209	US20040827227	20040419

US2007220720 AA	20070927	US20070697891	20070409
US6243931 BA	20010612	US19980153626	19980915
US6503429 BA	20030107	US19990457163	19991208
US6849141 BB	20050201	US20020261406	20021001
US6922877 BB	20050802	US20010878743	20010611
US7147811 BB	20061212	US20030337104	20030106
US7247264 BB	20070724	US20040827227	20040419
WO0015171 A1	20000323	WO1999US20532	19990908

Probable Assignee: BATESVILLE SERV INC

Assignee(s):(std)**:** BATESVILLE SERV INC ; BATESVILLE SERVICES INC

Assignee(s): BUCHLER KEVIN R ; HANKEL BRYAN M ; DENNIS TODD K ; CUNNINGHAM GARY R ; LINVILLE JOHN E ; REUSS ROGER L ; SAAF PATRICK M ; MAIER DONALD R ; MOSTER VINCENT MARK ; MAUCH STEPHANIE E ; BATESVILLE CASKET CO INC

Inventor(s):(std)**:** BUCHLER KEVIN R ; CUNNINGHAM GARY R ; HANKEL BRYAN M ; JOHN E LINVILLE ; LINVILLE E ; DENNIS TODD K ; DONALD R MAIER ; LINVILLE JOHN E ; MAIER DONALD R ; MAIER R ; MAUCH STEPHANIE E ; MOSTER VINCENT M ; MOSTER VINCENT MARK ; PATRICK M SAAF ; R USS ROGER L ; REUSS ROGER L ; SAAF M ; SAAF PATRICK M

Inventor(s): BUCHLER KEVIN ; SAAF PATRICK ; REUSS ROGER ; MOSTER VINCENT ; MAUCH STEPHANIE ; MAIER DONALD ; HANKEL BRYAN ; LINVILLE JOHN ; DENNIS TODD ; CUNNINGHAM GARY

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61G17/00 A61G17/007 A61G17/02 B27M3/34 B27N5/00 B29C43/18 B44F9/02 (Advanced/Invention); A61G17/007 A61G17/02 (Advanced/Non–invention); A61G17/00 B27M3/34 (Core/Invention)

International class (IPC 1–7): A61G17/00 A61G17/02 B27M3/34 B27N5/00 B29C43/02 B29C43/18

CPC: Y10T156/10 A61G17/02 A61G17/007 A61G17/0073 B27N5/00 A61G17/00

European class: A61G17/00 B27N5/00 K61G17/007C K61G17/02

US class: 156/6 156/60 156/60S 156/62.2 264/109 264/109S 264/112 264/112S 264/119 264/119S 264/319 264/319P 27/14 27/14P 27/16

Classification Explorer

Cited documents: US925929 A, US925929, US7247264 BB, US7147811 BB, US6849141 BB, US6849141 BA, US6503429 BA, US6243931 BA, US5974670 A, US5974640 A, US5485661 A, US5284546 A, US5213821 A, US5155147 A, US5078938 A, US5045262 A, US5016416 A, US5001068 A, US4990040 A, US4977930 A, US4967455 A, US4867670 A, US4775312 A, US4773134 A, US4730370 A, US4629594 A, US4622190 A, US4610900 A, US4552797 A, US4550847 A, US4550832 A, US4544344 A, US4544342 A, US4504347 A, US4497662 A, US4399596 A, US4318351 A, US4225545 A, US4214861 A, US4209880 A, US4176431 A, US4167232 A, US4156956 A, US4153490 A, US4151630 A, US4123831 A, US4115490 A, US4104348 A, US4065898 A, US4041582 A, US4034447 A, US4029023 A, US3997643 A, US3975127 A, US3969798 A, US3954376 A, US3809736 A, US3781948 A, US3764645 A, US3762974 A, US3729786 A, US3729785 A, US3726954 A, US3720738 A, US3697208 A, US3663137 A, US3590428 A, US3574906 A, US3490114 A, US3423267 A, US3406229 A, US3354248 A, US3283052 A, US3261897 A, US3261697 A, US3220080 A, US3166617 A, US3164880 A, US3164860 A, US3146285 A, US2664615 A, US2664515 A, US2494473 A, US2338035 A, US1903197 A, US1730666 A, US1578652 A, US1507957 A, US1234180 A, US1234180, NL6516139 A, GB2114498 A1, EP0466653 A1,

46) Family number: 31410206 (US6664439B) © PatBase

Title: Absorbent articles with distribution materials positioned underneath storage material

Priority:

US20000674053	20001025	US20000674057	20001025	US20000674225	20001027
WO1999IB00751	19990423	WO1999IB00741	19990423	WO1999IB00739	19990423
WO1998US08515	19980428				

Family:

Publication number	Publication date	Application number	Application date
AR015029 AA	20010411	AR1999P101953	19990427
AR019840 AA	20020320	AR1999P101952	19990427
AR029297 AA	20030625	AR1999P101951	19990427
AT234059 E	20030315	AT19990913543T	19990423
AU199872616 A1	19991116	AU19980072616	19980428
AU199931639 A1	19991116	AU19990031639	19990423
AU199931641 A1	19991116	AU19990031641	19990423
AU199931646 A1	19991116	AU19990031646	19990423
BRPI9909990 A	20001226	BR1999PI09990	19990423
BRPI9910051 A	20001226	BR1999PI10051	19990423
BRPI9910052 A	20001226	BR1999PI10052	19990423
CA2329787 AA	20001024	CA19992329787	19990423
CA2329793 AA	20001024	CA19992329793	19990423
CA2329807 AA	20001025	CA19992329807	19990423
CA2329807 C	20060801	CA19992329807	19990423
CN100408009 C	20080806	CN200410092322	19990423
CN1303256 A	20010711	CN19998006742	19990423
CN1305361 A	20010725	CN19998007341	19990423
CN1307461 A	20010808	CN19998007950	19990423
CN1631347 A	20050629	CN200410092322	19990423
CO5090869 A1	20011030	CO19990025580	19990428
CO5090873 A1	20011030	CO19990025578	19990428
CO5090880 A1	20011030	CO19990025583	19990428
CZ20003916 A3	20010912	CZ20000003916	19990423
CZ296724 B6	20060517	CZ20000003916	19990423
DE69905870 D1	20030417	DE19996005870	19990423
DE69905870 T2	20031120	DE19996005870T	19990423
DE69908580 D1	20030710	DE19996008580	19990423
DE69908580 T2	20031211	DE19996008580T	19990423
EG22124 A	20020830	EG19990000477	19990428
EG22665 A	20030630	EG19990000478	19990428
EP1075239 A1	20010214	EP19990913533	19990423
EP1075239 B1	20030604	EP19990913533	19990423
EP1075240 A1	20010214	EP19990913535	19990423
EP1075241 A1	20010214	EP19990913543	19990423
EP1075241 B1	20030312	EP19990913543	19990423
ES2194451 T3	20031116	ES19990913543T	19990423
HU0102691 AB	20011128	HU20010002691	19990423
HU0102691 AC	20011228	HU20010002691	19990423
HU0102692 AB	20011128	HU20010002692	19990423
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HU0103185 AB	20011128	HU20010003185	19990423
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IL139137 A0	20011125	IL19990139137	19990423
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JP2002512846 T2	20020508	JP20000545471T	19990423
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KR20010043108 A	20010525	KR20007011994	19990423
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MX241213 B	20061018	MX2000PA10679	19980428
MXPA00010515 A1	20010501	MX2000PA10515	19980428
MXPA00010679 A1	20010501	MX2000PA10679	19980428
MXPA00010680 A1	20010531	MX2000PA10680	19980428
NZ507502 A	20020927	NZ19990507502	19990423
NZ507503 A	20030926	NZ19990507503	19990423
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PE06722000 A1	20001006	PE19990000349	19990428
SA783 B1	20060513	SA19990200667	19991012
TH39611 A	20000731	TH19991001421	19990427
TH39612 A	20000731	TH19991001422	19990427
TH39613 A	20000731	TH19991001423	19990427
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TR200003127 T2	20010321	TR20000003127T	19990423
TR200003138 T2	20010321	TR20000003138T	19990423
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TW569768 Y	20040101	TW20030203683U	19990909
US6664439 BA	20031216	US20000674225	20001027
US6713661 BA	20040330	US20000674057	20001025
US6720471 BA	20040413	US20000674053	20001025
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WO9955265 A1	19991104	WO1999IB00751	19990423
WO9955267 A1	19991104	WO1998US08515	19980428
ZA200005709 A	20020116	ZA20000005709	20001016
ZA200105559 A	20020220	ZA20010005559	20001010

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):[std]**:** ARNDT SILKE ; EHRNSPERGER BRUNO JOHANNES ; KREUZER CARSTEN HEINRICH ; LAVON GARY DEAN ; LINK ANDREA LIESELOTTE ; PROCTER AND

GAMBLE ; SCHMIDT MATTIAS ; NEUMANN FRANK ; STOELZEL CLAUS PETER ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI OHIO ; THE PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** STOELZEL PETER CLAUS ; TOELZEL CLAUS PETER ; NEUMANN FRANK AND ; MATTIAS SCHMIDI ; KREUZER CARSTEN HEINRICH AND ; JEAN VIAUD ; ISHAI DORON ; HENRY DENNIS ANSTEY ; GARY DEAN LAVON ; GARY DEA LAVON ; GARRY DEAN LAVON ; FRANK NEUMANN ; CLAUS PETER STOELZEL ; CLAUS P STOELZEL ; CARSTEN H KREUZER ; BURNO JOHANNES EHRNSPERGER ; BRUNO JOHANNES EHRNSPERGER ; BRUNO J EHRNSPERGER ; BRUNO H EHRNSPERGER ; ANDREA LIESETOTTE LINK ; ANDREA LIESELOTTE LINK ; STOELZEL CLAUS PETER ; STOELZEL CLAUS P ; SHCMIDT MATTIAS ; SCHMIDT MATTIAS ; NEUMANN FRANK ; LINK LIESELOTTE ; LINK ANDREA LIESELOTTE ; LIESELOTTE LINK ANDREA ; LAVON GARY DEAN ; LAVON GARY DEA ; KRUEZER CARSTEN HEINRICH ; KREUZER CARSTEN H ; EHRNSPERGER BRUNO JOHANNES ; EHRNSPERGER BRUNO H ; DEAN LAVON GARY ; CARSTEN HEINRICH KREUZER ; ARNDT SILKE ; EHRNSPERGER BRUNO J ; EHRNSPERGER BURNO JOHANNES ; LAVON GARRY DEAN ; LINK ANDREA LIESETOTTE ; SCHMIDI MATTIAS ; LAVON DEAN ; EHRNSPERGER JOHANNES ; SILKE ARNDT ; MATTIAS SCHMIDT ; JOHANNES EHRNSPERGER BRUNO ; KREUZER CARSTEN HEINRICH

Inventor(s): STOEIZEL CLAUS PETER ; SLIKE ARNDT ; ARDT SILKE

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/60 B32B5/00 (Advanced/Invention);
A61F13/15 A61F5/44 A61L15/00 B32B5/00 (Advanced/Non–invention);
A61F13/15 A61F5/44 A61L15/16 B32B5/00 (Core/Invention)

International class (IPC 1–7): A61F A61F13/15 A61F13/49 A61F13/53 A61F13/534 A61F13/539 A61F5/44 A61L15/60 B32B5/00

CPC: A61F13/537 A61F2013/53765 A61F13/53747 A61F13/53717 A61F13/15203 A61F13/53756 A61F13/5376 A61F2013/15463 A61F2013/15487 A61F2013/1552 A61F2013/15544 A61F2013/15552 A61F2013/53081 A61F2013/530854

European class: A61F13/15J A61F13/537B4 A61F13/537C2 A61F13/537C8 A61F13/537D K61F13/15J8M K61F13/15J8P K61F13/15J8P5 K61F13/15J8T K61F13/15J8T1 K61F13/537 K61F13/537E K61F13/53R1 K61F13/53R4

US class: 604/366 604/367 604/368 604/369 604/374 604/375 604/378 604/385.101

Classification Explorer

Cited documents: WO9962446 A1, WO9925293 A1, WO9925288 A1, WO9843580 A1, WO9843578 A1, WO9843571 A1, WO9843570 A1, WO9822067 A1, WO9819861 A2, WO9803138 A1, WO9734559 A1, WO9734558 A1, WO9723184 A1, WO9720842 A1, WO9720701 A1, WO9712575 A1, WO9705046 A1, WO9639031 A1, WO9526209 A1, WO9516746 A1, WO9516562 A1, WO9414395 A1, WO9325172 A1, WO9316669 A1, WO9305080 A1, WO9216565 A1, WO9008789 A1, WO0006073 A1, USRE32649 E, USRE26152 E, US6551295 BA, US6426445 BA, US6372953 BA, US6168584 BA, US6159591 A, US6149940 A, US6121509 A, US6107538 A, US6107356 A, US6083211 A, US6024209 A, US6013589 A, US6010490 A, US5968025 A, US5895379 A, US5851648 A, US5827909 A, US5786395 A, US5744506 A, US5741581 A, US5653922 A, US5653703 A, US5650222 A, US5643588 A, US5599335 A, US5583162 A, US5563703 A, US5563179 A, US5562646 A, US5560878 A, US5560222 A, US5558655 A, US5554142 A, US5540671 A, US5531728 A, US5514121 A, US5486410 A, US5468536 A, US5454800 A, US5445874 A, US5439458 A, US5429629 A, US5409771 A, US5397318 A, US5387207 A, US5364382 A, US5360420 A, US5352711 A, US5306266 A, US5304614 A, US5290820 A, US5269755 A, US5260345 A, US5244541 A, US5217445 A, US5190563 A, US5180622 A, US5171236 A, US5167897 A, US5164459 A, US5102597 A, US5098423 A, US5061259 A, US4994037 A, US4990147 A, US4988345 A, US4976819 A, US4968312 A, US4935022 A, US4909803 A, US4898642 A, US4888231 A, US4888093 A, US4824901 A, US4822453 A, US4798603 A, US4789861 A, US4773903 A, US4737582 A, US4735987 A, US4734478 A, US4725481 A, US4695278 A, US4673402 A, US4666983 A, US4625001 A, US4610678 A, US4590114 A, US4587308 A, US4541871 A, US4515595 A, US4506052 A, US4493870 A,

US4483743 A, US4340706 A, US4193776 A, US4076663 A, US4062817 A, US4041951 A, US4035147 A, US3989867 A, US3932309 A, US3932209 A, US3881489 A, US3860003 A, US3770731 A, US3699103 A, US3661875 A, US3556932 A, US3440135 A, US3301746 A, US3224926 A, US3156242 A, GB2296511 A1, GB2024100 A1, EP0976373 A1, EP0963747 A1, EP0887059 A1, EP0820746 A1, EP0810078 A1, EP0809991 A1, EP0799966 A2, EP0797968 A1, EP0797966 A1, EP0774242 B1, EP0710471 A1, EP0640330 B1, EP0565606 A1, EP0512010 A1, EP0509708 B1, EP0455607 A1, EP0397110 A2, EP0343940 A2, EP0312118 A2, AU199728385, AU19972838,

0) US2004112783A – SANITARY THIN PAPER AND METHOD OF MANUFACTURING...

47) Family number: 23898497 (US2004112783A) © PatBase

Title: SANITARY THIN PAPER AND METHOD OF MANUFACTURING THE THIN PAPER, STORAGE BOX FOR SANITARY THIN PAPER, STORAGE BODY FOR SANITARY THIN PAPER, INTER FOLDER, AND DEVICE AND METHOD FOR TRANSFER OF STORAGE BODY FOR SANITARY THIN PAPER

Priority:

JP20010044279	20010220	JP20010044280	20010220	JP20010159090	20010528
WO2002JP01408	20020219	US20040468629	20040205	US20060601989	20061120
US20020468629	20020219	JP20010213838	20010713	JP20010159091	20010528
WO2002JP01408	20080321				

Family:

Publication number	Publication date	Application number	Application date
JP2002249183 A2	20020903	JP20010044279	20010220
JP2002249994 A2	20020906	JP20010044280	20010220
JP2002347146 A2	20021204	JP20010159091	20010528
JP2002348035 A2	20021204	JP20010159090	20010528
JP2003026261 A2	20030129	JP20010213838	20010713
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JP3653481 B2	20050525	JP20010159090	20010528
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JP4533562 B2	20100901	JP20010213838	20010713
JP4791640 B2	20111012	JP20010044280	20010220
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KR20080032654 A	20080415	KR20087006876	20020219
TH53314 A	20020926	TH20021000527	20020218
TW553821 B	20030921	TW20020102656	20020218
US2004112783 AA	20040617	US20040468629	20040205
US2007199670 AA	20070830	US20060601989	20061120
US7775958 BB	20100817	US20060601989	20061120
WO02065885 A1	20020829	WO2002JP01408	20020219

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Inventor(s): MUKAI TAKENARU

Designated states: AT BE CA CH CN CY DE DK ES FI FR GB GR IE IT KR LI LU MC MX NL PT SE SG TR US

International class (IPC 8–9): A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F1/12 B31F5/02 B31F7/00 B65B25/14 B65B61/28 B65D25/52 B65D5/63 B65D83/08 B65G47/22 B65G47/252 B65H19/12 B65H39/16 B65H45/08 B65H45/24 D21C11/06 D21H11/00 D21H21/18 D21H27/00 D21H27/30 (Advanced/Invention); A47K10/16 B65H19/12 (Advanced/Non–invention); A47K10/00 A47K7/00 B31D1/00 B31F1/00 B31F5/00 B65B25/14 B65B61/00 B65D25/38 B65D5/42 B65D83/08 B65G47/22 B65G47/24 B65H19/12 B65H39/00 B65H45/00 B65H45/12 D21C11/00 D21H11/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F5/02 B65D25/52 B65D5/63 B65D5/72 B65D73/00 B65D83/08 B65G15/14 B65G21/20 B65G47/22 B65H45/08 B65H45/24 D21H11/00 D21H27/00 D21H27/30

CPC: B65H39/16 B65B25/145 B65B61/28 B65D83/0805 B65D83/0894 B65G47/252 B65G2201/025 B65H45/24 B65H2301/5126 D21C11/063 D21H21/18 A47K10/16

European class: A47K10/16 B65B25/14C B65B61/28 B65D83/08B B65D83/08H B65G47/252 B65H39/16 B65H45/24 D21C11/06B D21H21/18 L65G201/02F8 L65H301/5126

US class: 162/111 206/494 270/40 493/356 493/405

Classification Explorer

Cited documents: WO9945204 A1, WO9915204 A1, WO0031341 A1, US6565500 BA, US6514382 BA, US6187141 BA, US6136413 A, US6123557 A, US6045002 A, US5954625 A, US5840404 A, US5779860 A, US5382464 A, US5281306 A, US5227023 A, US5185523 A, US5178729 A, US5093068 A, US4052048 A, US3867872 A, US3679095 A, US3472504 A, US3323983 A, US2004234805 AA, US2004112783 AA, US2003097102 AA, KR830002731 B1, JP8003890 A2, JP7197400 A2, JP7145588 A2, JP6072883 U1, JP6072883 A2, JP58171304 A2, JP57078930 U1, JP57078930 U, JP48025361 u1, JP48025361 U, JP4146300 A2, JP3262193 A2, JP3106714 A2, JP3060187 A2, JP2075515 A2, JP2001029261 A2, JP2000256989 A2, JP2000080599 A2, JP2000007198 A2, JP1237750 A2, JP11334773 A2, JP11323787 A2, JP11208606 A2, JP11130167 A2, JP11093055 A2, JP10501753 T2, JP10338211 A2, JP10237750 A2, JP10179441 A2, JP10077595 A2,

0) US5846380A – CREPED TISSUE PAPER EXHIBITING UNIQUE COMBINATI...

48) Family number: 20401067 (US5846380A) © PatBase

Title: Creped tissue paper exhibiting unique combination of physical attributes

Priority: US19950495912 19950628 US19970847552 19970423 WO1996US10197 19960603

Family:

Publication number	Publication date	Application number	Application date
AT223536 E	20020915	AT19960921574T	19960603
AU199662771 A1	19970130	AU19960062771	19960603
AU711442 B2	19991014	AU19960062771	19960603
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CA2225176 C	20040817	CA19962225176	19960603
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DE69623477 T2	20030605	DE19966023477T	19960603
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EP0835344 B1	20020904	EP19960921574	19960603
ES2181896 T3	20030301	ES19960921574T	19960603
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WO9701671 A1	19970116	WO1996US10197	19960603

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; TROKHAN PAUL DENNIS ; PHAN DEAN VAN

Inventor(s):(std)**:** DEAN VAN PHAN ; PAUL DENNIS TROKHAN ; PHAN DEAN VAN ; TROKHAN PAUL DENNIS ; VAN PHAN DEAN ; TROKHAN DENNIS ; PHAN VAN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): A47K7/00 D21F11/00 D21F11/14 D21H17/06 D21H17/07 D21H17/59 D21H25/00 D21H27/00 D21H27/40 D21H27/42 (Advanced/Invention); A47K7/00 D21H17/06 D21H17/07 D21H17/59 D21H27/00 (Advanced/Non–invention); A47K7/00 D21F11/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); D21H17/00 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 D21H17/06 D21H17/07 D21H17/13 D21H27/00 D21H27/38 D21H27/40 D21H27/42

CPC: D21F11/006 D21F11/14 D21F11/145 D21H17/06 D21H17/07 D21H17/59 D21H25/005 D21H27/40

European class: D21F11/00E D21F11/14 D21F11/14B D21H25/00B D21H27/40 N21H17/06 N21H17/07 N21H17/59

US class: 162/111 162/112 162/113 162/125 162/127 162/129 162/130 162/158 162/164.1 162/164.3 162/168.1 162/168.2 162/175

Classification Explorer

Cited documents: WO9619616 A1, WO9321382 A1, US5487813 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4529480 A, US4447294 A, US4441962 A, US4377543 A, US4351699 A, US4300981 A, US4191609 A, US4144122 A, US3994771 A, US3974025 A, US3844880 A, US3755220 A, US3554863 A, US3301746 A, US2683088 A, US2683087 A, JP61308312 A2, JP4100995 A2,

0) US2005230069A – METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TI...

49) Family number: 23529653 (US2005230069A)

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Title: METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TISSUE

Priority: EP20010103798 20010216 US20030619736 20030715 WO2002US04615 20020215

Family:

Publication number	Publication date	Application number	Application date
AT294061 E	20050515	AT20010103798T	20010216
AU2002247150 AA	20020904	AU20020247150	20020215
BRPI0207364 A	20040225	BR2002PI07364	20020215
CA2436514 AA	20030728	CA20022436514	20020215
CA2436514 C	20081118	CA20022436514	20020215
CN1491159 A	20040421	CN20028004617	20020215
DE60110362 D1	20050602	DE20016010362	20010216
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DE60110362 T3	20090115	DE20016010362T	20010216
EP1232854 A1	20020821	EP20010103798	20010216

EP1232854 B1	20050427	EP20010103798	20010216
EP1232854 B2	20080709	EP20010103798	20010216
HK1064995 A3	20050208	HK20040107973	20041014
JP2004518562 T2	20040624	JP20020565780T	20020215
KR20030087626 A	20031114	KR20037009635	20020215
MXPA03007329 A1	20031204	MX2003PA07329	20020215
US2005230069 AA	20051020	US20030619736	20030715
WO02066240 A1	20020829	WO2002US04615	20020215
WO02066240 C1	20031106	WO2002US04615	20020215

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** HILBIG KLAUS ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER HORST A ; PROCTER AND GAMBLE ; REINHEIMER HORST ALFRED

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBEL CO

Inventor(s):(std)**:** HILBIG K ; HILBIG KLAUS ; LIPLIJN M K N ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER H A ; REINHEIMER HORST A ; REINHEIMER HORST ALFRED ; ZINT SCHUESSLER BIRGIT

Inventor(s): REINHEIMER HORST ; LIPLIJN MARCEL KAREL ; H A REINHEIMER ; HA REINHEIMER ; M K N LIPLIJN ; MARCEL KAREL NELIS LIPLIJN ; MKN LIPLIJN ; HORST ALFRED REINHEIMER ; K HILBIG ; KLAUS HILBIG

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A47K7/00 B31F1/07 D21F11/14 D21G1/00 D21G9/00 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention); B31F1/07 (Advanced/Non–invention); A47K7/00 B31F1/00 D21F11/00 D21G1/00 D21G9/00 D21H27/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K7/00 B31F1/07 D21G1/00 D21H27/00 D21H27/30 D21H27/40

CPC: B31F2201/0733 B31F2201/0758 D21H27/005 D21H27/30 D21H27/40 B31F1/07

European class: B31F1/07 B31F1/07C2 D21H27/00D2B D21H27/30 D21H27/40 L31F201/07C2D3G L31F201/07G

US class: 162/117 162/123 162/132 162/158 162/194 162/205 424/402

Classification Explorer

Cited documents: WO9858124, WO9527429, WO9511343, US7056572 BA, US6916403 BB, US6887349 BB, US6863107 BB, US6805766 BA, US6802937 BB, US6733626 BB, US6656569 BA, US6610173 BA, US6602577 BA, US6602387 BA, US6599614 BA, US6455129 BA, US6440268 BA, US6423397 BA, US6355139 BA, US6348131 BA, US6287676 BA, US6277467 BA, US6187137 BA, US6086715 A, US6030690 A, US5980691, US5904812 A, US5900114 A, US5855738, US5802974, US5702571 A, US5693403 A, US5409572 A, US5255603, US5213037, US5059282, US4959125, US4222921, US4147586, US4129528, US3899388, US3855158, US3844880, US3821068, US3772076, US3700623, US3556933, US3556932, US3554862, US3414459 A, US3285800 A, US3077390 A, US2007075178 AA, US2006081347 AA, US2006008621 AA, US2005274470 AA, US2005241786 AA, US2004238135 AA, US2004055694 AA, US2003228444 AA, US2001042606 AA, US2001008179 AA, EP0806520 A1, EP0696334, EP0668152, EP0498623 A2, EP0408248 A2, DE4414238 A1, DE19860687 A1, DE19824825 A1, DE1804418 A1,

0) US2013270289A – TISSUE PAPER SYSTEMS

50) Family number: 50950085 (US2013270289A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117011 20130510 EP20100768003 20101011 WO2010EP65219 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362454 AA	20120419	AU20100362454	20101011
CN103249655 A	20130814	CN201080070542	20101011
CO6720969 A2	20130731	CO20130117011	20130510
DE602010038647 D1	20170119	DE201060038647T	20101011
EP2627587 A1	20130821	EP20100768003	20101011
EP2627587 B1	20161207	EP20100768003	20101011
IN02960DN2013 A	20141114	IN2013DN02960	20130404
MX2013003990 A1	20130628	MX20130003990	20101011
RU2013121581 A	20141120	RU20130121581	20101011
TN2013000125 A1	20140625	TN20130000125	20130322
US2013270289 AA	20131017	US20100878795	20101011
WO12048731 A1	20120419	WO2010EP65219	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; VAN KRIEKEN BRAM ; WONG ANDREW ; ENGLER BERTOLD ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SHCMIDT MARCEL ; SUDWORTH JAS CASPAR ; VAN KRIEKER BRAM ; WONG ANDREW ; VAN KRIEKEN BRAM ; SUDWORTH JAN CASPAR ; SCHMIDT MARCEL ; ENGLER BERTOLD ; A WENG ; KRIEKEN BRAM VAN

Inventor(s): MARCEL SCHMIDT ; MARCEL SHCMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN ; BRAM VAN KRIEKER ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/32 A47K10/42 B65D83/08 (Advanced/Invention)

CPC: B65D83/08 A47K10/421 A47K10/424 A47K2010/3266 B65D83/0805 B65D83/0894

European class: A47K10/42B A47K10/42C B65D83/08B B65D83/08H K47K10/32W

US class: 221/48

Classification Explorer

Cited documents: US7134572 BB, US6905025 BB, US6817484 BB, US6758369 BB, US5390820 A, US4586630 A, US3209941 A, US2323395 A, US2160412 A, US2005279757 AA, US2004256404 AA, US2002190074 AA, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1201564 A1,

DE102007035501 A1

CN1349918 A,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

51) Family number: 43384452 (US2009155512A) © PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE−HANDED DISPENSING OF SHEETS OF PRE−DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non−invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) US2006011767A – REWINDING MACHINE FOR PRODUCING LOGS OF WOUND W...

52) Family number: 30260623 (US2006011767A) © PatBase

Title: REWINDING MACHINE FOR PRODUCING LOGS OF WOUND WEB MATERIAL AND RELATIVE METHOD

Priority:

EP20030741090	20030702	EP20060019223	20030702	US20060641655	20061220
US20050520813	20050201	WO2003IT00416	20030702	IT2002FI00122	20020709

Family:

Publication number	Publication date	Application number	Application date
AT350322 E	20070115	AT20030741090T	20030702
AT525321 E	20111015	AT20030019223T	20030702
AU2003281224 AA	20040123	AU20030281224	20030702
BRPI0312553 A	20050426	BR2003PI12553	20030702
BRPI0312553 B1	20121016	BR2003PI12553	20030702
CA2492055 AA	20050107	CA20032492055	20030702
CA2492055 C	20110208	CA20032492055	20030702
CN1665734 A	20050907	CN20038016104	20030702
DE60310943 D1	20070215	DE20036010943	20030702
DE60310943 T2	20071011	DE20036010943T	20030702
DE60338491 D1	20111124	DE20036038491	20030702
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EP1525148 B1	20070103	EP20030741090	20030702
EP1731459 A1	20061213	EP20060019223	20030702
EP1731459 B1	20110921	EP20060019223	20030702
ES2279131 T3	20070816	ES20030741090T	20030702
ES2369277 T3	20111129	ES20060019223T	20030702
HK1080820 A3	20060504	HK20060100558	20060113
IL166092 A0	20060115	IL20050166092	20050102
IL166092 A1	20100415	IL20030166092	20030702
ITFI20020122 A1	20040109	IT2002FI00122	20020709
JP2006504596 T2	20060209	JP20040519169T	20030702
JP4452614 B2	20100421	JP20040519169T	20030702
KR101025052 B1	20110325	KR20057000231	20030702
KR20050058323 A	20050616	KR20057000231	20030702
PL211955 B1	20120731	PL20030374430	20030702
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RU2005103230 A	20050827	RU20050103230	20030702
RU2315705 C2	20080127	RU20050103230	20030702
US2006011767 AA	20060119	US20030520813	20030702
US2007095967 AA	20070503	US20060641655	20061220
US7172151 BB	20070206	US20030520813	20030702

US7404529 BB	20080729	US20060641655	20061220
WO04005172 A1	20040115	WO2003IT00416	20030702

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** BIAGIOTTI GUGLIELMO ; GELLI MAURO ; PERINI FABIO SPA

Assignee(s): PERINI FABRIO ; FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** BIAGIOTTI GUGLIELMO ; GELLI MAURO ; GUGLIELMO BIAGIOTTI ; MAURO GELLI

Inventor(s): B'JADZHOTTI GUL'EL'MO ; DZHELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65H16/10 B65H18/16 B65H18/20 B65H19/12 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H35/10 (Advanced/Invention) ; B65H19/26 B65H19/28 (Advanced/Non–invention)

International class (IPC 1–7): B65H19/26 B65H19/28

CPC: B65H19/267 B65H19/2269 B65H2301/41426 B65H2301/4143 B65H2301/41812 B65H2301/41894 B65H2405/422 B65H2407/10 B65H2408/235 B65H2511/12 B65H19/26 B65H19/28

European class: B65H19/22B6 B65H19/26 B65H19/28 L65H301/41426 L65H301/4143 L65H301/41812 L65H301/41894 L65H405/422 L65H407/10 L65H408/235 L65H511/120

US class: 242/521 242/526 242/526P 242/532.2 242/532.200S 242/533 242/533S

Classification Explorer

Cited documents: WO9421545 A1, WO0242187 A2, WO0172620 A1, WO0068129 A1, US7172151 BB, US6945491 BB, US6595458 BA, US6497383 BA, US6494398 BA, US6308909 BA, US6056229 A, US5979818 A, US5853140 A, US5690296 A, US5653401 A, US5542622 A, US5335869 A, US4909452 A, US4611638 A, US4487377 A, US2006076450 AA, JP8507997, JP7117903, JP6000608 B2, JP5178508, JP5170362, JP2001247237 A2, JP2001247237, JP11503397, JP0600608 B2, ITMI951174 A1, IT951174, EP1016608 B1, EP1016608 A1, EP1006066 A2, EP0395593 A2,

0) US5405342A – DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INS...

53) Family number: 17915629 (US5405342A)

© PatBase

Title: DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INSERT

Priority:

CA19922072689	19920629	EP19920121680	19921221	US19910116822	19910903
US19940188626	19940127	US19930116822	19930903	US19910816457	19911231
US19950388084	19950214	US19950388085	19950214	US19940268862	19940629
US19950388083	19950214				

Family:

Publication number	Publication date	Application number	Application date
AU199230461 A1	19930708	AU19920030461	19921230
AU661078 B2	19950713	AU19920030461	19921230
CA2072689 AA	19930701	CA19922072689	19920629
DE69225786 D1	19980709	DE19926025786	19921221
DE69225786 T2	19981210	DE19926025786T	19921221
DE9219166 U1	19981112	DE19920019166U	19921221
EP0549988 A1	19930707	EP19920121680	19921221
EP0549988 B1	19980603	EP19920121680	19921221

ES2116307 T3	19980716	ES19920121680T	19921221
JP6178795 A2	19940628	JP19930000058	19930104
KR100240041 B1	20000115	KR19920026436	19921230
KR19930011975 A	19930720	KR19920026436	19921230
MX9207125 A1	19930601	MX19920007125	19921209
TH16979 A	19951129	TH19921001668	19921118
US5405342 A	19950411	US19940268862	19940629
US5458591 A	19951017	US19950388085	19950214
US5476457 A	19951219	US19950388083	19950214
US5613959 A	19970325	US19950388084	19950214
ZA9209045 A	19930519	ZA19920009045	19921123

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS US ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS 54957 0349 US ; WERNER EDWARD ERICH ; CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD

Inventor(s):(std)**:** CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD ; HANSON PAULA MARY ; LEICK KENNETH ALOIS ; MARIAN KIIBUIRU RAITSUKU ; MARIANNE KEEVILL LEICK ; PAULA MARY HANSON ; POORA MARII HANSON ; ROESSLER THOMAS H ; ROESSLER THOMAS HAROLD ; THOMAS HAROLD ROESSLER ; TOOMASU HARORUDO RAASURAA ; WERNER EDWARD E ; WERNER EDWARD ERICH ; LEICK MARIANNE K ; LEICK KENNETH A ; KENNETH ALOIS LEICK ; KENISU AROISU RAITSUKU ; HANSON PAULA M ; ENDRES DAN D ; EDWARD ERICH WERNER ; EDOWAADO ERITSUKU WAANAA ; DAN DARORUDO ENDORESU ; DAN DAROLD ENDRES ; ANNAMARIA CHIESUKO KIYANSHIAN ; ANNAMARIA CESCO CANCLAN ; ANNAMARIA CESCO CANCIAN ; CESCO CANCLAN ANNAMARIA ; LEICK MARIANNE KEEVILL

Inventor(s): LEICK MARIANNE KEEVILL APPLETON WISCONSIN 54911 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 US ; WERNER EDWARD ERICH OSHKOSH WISCONSIN 54901 US ; ROESSLER THOMAS HAROLD MENASHA WISCONSIN 54952 US ; LEICK KENNETH ALOIS APPLETON WISCONSIN 54911 US ; HANSON PAULA MARY APPLETON WISCONSIN 54911 US ; ENDRES DAN DAROLD APPLETON WISCONSIN 54915 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 U

Designated states: BE DE ES FR GB IT NL SE

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/53 A61F13/539 A61F13/56 A61F5/44 (Advanced/Invention); A61F13/56 A61F5/44 (Advanced/Non–invention); A61F13/15 (Core/Invention); A61F13/56 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/46 A61F5/44 A61L15/16

CPC: A61F13/511 A61F13/15211 A61F13/505 A61F13/5116 A61F13/512 A61F13/49009 A61F13/49017 A61F13/491 A61F13/49413 A61F13/533 A61F13/58 A61F2013/15219 A61F2013/15235 A61F2013/15365 A61F2013/15406 A61F2013/15422 A61F2013/15869 A61F2013/1591 A61F2013/4581 A61F2013/49025 A61F2013/49031 A61F2013/49038 A61F2013/4944 A61F2013/4948 A61F2013/4955 A61F2013/5055 A61F2013/51035 A61F2013/51066 A61F2013/51409 A61F2013/51433 A61F2013/5149 A61F2013/530007 A61F2013/530021 A61F2013/53035 A61F2013/530481 A61F2013/530489 A61F2013/53051 A61F2013/5307 A61F2013/530795 A61F2013/5677 A61F2013/588

European class: A61F13/15J2 A61F13/49D2 A61F13/505 K61F13/15A5M K61F13/15J2B K61F13/15J2E K61F13/15J8D K61F13/15J8E K61F13/15J8H K61F13/15M11E1 K61F13/15M11E5 K61F13/45C4B K61F13/491 K61F13/494A1 K61F13/494A1D K61F13/494D K61F13/495C K61F13/49D2E K61F13/49D2H2 K61F13/49D2H3 K61F13/49D2J K61F13/505A K61F13/511E1 K61F13/514A4 K61F13/514A4D K61F13/514C4B K61F13/51M6E K61F13/51N2 K61F13/533 K61F13/53L K61F13/53L2 K61F13/53M7A K61F13/53Q K61F13/53Q1 K61F13/53Q10 K61F13/53Q2 K61F13/53Q6 K61F13/56F4 K61F13/58 K61F13/58F

US class: 604/364 604/385.1 604/385.14 604/385.19 604/385.28 604/394 604/397

Classification Explorer

Cited documents: WO9116871 A1, WO9110413 A1, WO9108722 A1, WO9003156 A1, WO8911842 A1, US771001 A, US5304161 A, US5176672 A, US5108385 A, US5026364 A, US5026363 A, US4968312 A, US4964857 A, US4955880 A, US4938754 A, US4916005 A, US4892598 A, US4861652 A, US4846825 A, US4846823 A, US4834737 A, US4834736 A, US4834735 A, US4798603 A, US4795453 A, US4756709 A, US4753649 A, US4747846 A, US4704116 A, US4701176 A, US4699620 A, US4685915 A, US4681577 A, US4657802 A, US4597761 A, US4597760 A, US4585448 A, US4578073 A, US4501586 A, US4496360 A, US4405297 A, US4388075 A, US4355722 A, US4340563 A, US4335722 A, US4265245 A, US4244368 A, US4072150 A, US4022210 A, US4019517 A, US3952745 A, US3926189 A, US3874385 A, US3838695 A, US3804092 A, US3777759 A, US3741212 A, US3727615 A, US3693621 A, US3667466 A, US3665923 A, US3654928 A, US3636952 A, US3635221 A, US3616797 A, US3602225 A, US3595235 A, US3561447 A, US3528422 A, US3430629 A, US3364931 A, US3211147 A, US3162196 A, US3131693 A, US3110312 A, US3050063 A, US3049124 A, US2893393 A, US2733715 A, US2690749 A, US2688328 A, US2683457 A, US2649859 A, US2627858 A, US2538758 A, US2530647 A, US2450789 A, US2450059 A, US2122417 A, US2002368 A, US1931357 A, US1674600 A, US1133945 A, GBA2269999, GB2269999 A1, GB2256803 A1, GB1456428 A, EP0243013 A1, EP0140471 A1, DE3343622 A1, CA2048214 AA, AU8420791 A1,

0) US2009198207A – UNDERPANTS TYPE DISPOSABLE DIAPER

54) Family number: 41456212 (US2009198207A) © PatBase

Title: UNDERPANTS TYPE DISPOSABLE DIAPER

Priority:

JP20060209229	20060731	JP20060324860	20061130	JP20070311681	20071130
WO2007JP64924	20070731	JP20090236632	20091013	JP20100139584	20100618

Family:

Publication number	Publication date	Application number	Application date
CN101495075 A	20090729	CN200780028273	20070731
CN101495075 B	20121107	CN200780028273	20070731
EP2052705 A1	20090429	EP20070791609	20070731
EP2052705 A4	20121017	EP20070791609	20070731
EP2052705 B1	20171115	EP20070791609	20070731
IN00781KN2009 A	20090515	IN2009KN00781	20090227
JP2008029761 A2	20080214	JP20060209229	20060731
JP2008155015 A2	20080710	JP20070311681	20071130
JP2010005453 A2	20100114	JP20090236632	20091013
JP2010194373 A2	20100909	JP20100139584	20100618
JP4369941 B2	20091125	JP20060209229	20060731
JP4538045 B2	20100908	JP20070311681	20071130
JP5095700 B2	20121212	JP20090236632	20091013
JP5095779 B2	20121212	JP20100139584	20100618
KR101390123 B1	20140428	KR20097004088	20070731
KR20090041414 A	20090428	KR20097004088	20070731
RU2009107147 A	20100910	RU20090107147	20070731
RU2423094 C2	20110710	RU20090107147	20070731
US2009198207 AA	20090806	US20070309802	20070731
US9011406 BB	20150421	US20070309802	20070731
WO08016020 A1	20080207	WO2007JP64924	20070731

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:**

DAIO SEISHI KK ; DAJO PEJPER CORP ; MORI YOSUKE ; TORIGOSHI KEIJI ; MURAI KOSUKE

Assignee(s): DAJO PEJPER KORPOREJSHN ; DAIO PAPER CORP

Inventor(s):(std)**:** MORI JOSUKE ; MORI YOSUKE ; MURAI KOSUKE ; TORIGOSHI KEIJI ; TORIGOSI KEIDZI ; YOSUKE MORI ; KOSUKE MURAI ; KEIJI TORIGOSHI ; TORIGOE KEIJI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/493 A61F13/496 A61F13/56 A61F13/58 A61F13/62 A61F5/44 (Advanced/Invention); A61F13/49 (Advanced/Non–invention); A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7): A61F13/56 A61F5/44

CPC: A61F13/493 A61F13/5622 A61F2013/49087 A61F2013/5677 A61F13/5655 A61F13/56 A61F13/496

European class: A61F13/493 A61F13/496 A61F13/56 A61F13/56C K61F13/49N K61F13/56F4

US class: 604/385.29 604/385.290P 604/389 604/389S 604/391

Classification Explorer

Cited documents: WO9409736 A1, WO04093764 A1, WO04084786 A1, WO03057102 A2, WO03024372 A2, WO02083049 A1, US6972012 BA, US6579275 BA, US6524293 BA, US6508797 BA, US5776123 A, US5693038 A, US5624420 A, US5374262 A, US5304162 A, US4943340 A, US4909804 A, US4743239 A, US4639949 A, US4617022 A, US4555244 A, US4081301 A, US3800796 A, US2931747 A, US2007129700 AA, US2007038199 AA, US2006212019 AA, US2006118234 AA, US2006070701 AA, US2006069376 AA, US2004186451 AA, US2004182502 AA, US2004144496 AA, US2004068246 AA, US2003176846 AA, US2003130641 AA, US2003120253 AA, US2003055389 AA, US2002148557 AA, US2002111596 AA, US2002045879 AA, US2001049516 AA, RU2218139 C2, JP8511709 T2, JP5317356 A2, JP4538045 B2, JP3090821 U, JP3090821 A2, JP2010194373 A2, JP2010005453 A2, JP2008155015 A2, JP2006521169 T2, JP2006158607 A2, JP2006034402 A2, JP2005526530 T2, JP2005522236 T2, JP2005520577 T2, JP2005312690 A2, JP2005304605 A2, JP2005279006 A2, JP2005270359 A2, JP2005230330 A2, JP2005013598 A2, JP2004524929 T2, JP2003220092 A2, JP2002035029 A2, JP2000354609 A2, GB2267024 A1, EP0570980 A1, DE19813334 A1,

0) US5865950A – PROCESS FOR CREPING TISSUE PAPER

55) Family number: 42816054 (US5865950A)

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Title: Process for creping tissue paper

Priority: US19960651354 19960522 US19970795738 19970205 WO1998US02272 19980205 US19990256547 19990224 WO1997US08357 19970516

Family:

Publication number	Publication date	Application number	Application date
AR007239 AA	19991027	AR1997P102156	19970521
AT239826 E	20030515	AT19980904961T	19980205
AU199731297 A1	19971209	AU19970031297	19970516
AU199862705 A1	19980825	AU19980062705	19980205
AU725702 B2	20001019	AU19970031297	19970516
BRPI9709351 A	19990810	BR1997PI09351	19970516
BRPI9811251 A	20000926	BR1998PI11251	19980205

CA2255655 AA	19981120	CA19972255655	19970516
CA2255655 C	20040720	CA19972255655	19970516
CA2280082 AA	19990804	CA19982280082	19980205
CA2280082 C	20060801	CA19982280082	19980205
CN1251149 A	20000419	CN19988003551	19980205
DE69707447 D1	20011122	DE19976007447	19970516
DE69707447 T2	20020627	DE19976007447T	19970516
DE69814365 D1	20030612	DE19986014365	19980205
DE69814365 T2	20040122	DE19986014365T	19980205
EP0904455 A1	19990331	EP19970926562	19970516
EP0904455 B1	20011017	EP19970926562	19970516
EP0964955 A1	19991222	EP19980904961	19980205
EP0964955 B1	20030507	EP19980904961	19980205
ES2162303 T3	20011216	ES19970926562T	19970516
ID16945 A	19971127	ID19970001678	19970521
JP11514049 T2	19991130	JP19970542590T	19970516
JP2001511224 T2	20010807	JP19980533241T	19980205
JP3193726 B2	20010730	JP19970542590	19970516
KR20000015880 A	20000315	KR19980709431	19981121
KR20000070781 A	20001125	KR19997007042	19980205
PE81498 A1	19981223	PE19970000407	19970522
TH27964 A	19980216	TH19971001937	19970522
TW379273 B	20000111	TW19970108315	19970616
US5865950 A	19990202	US19960651354	19960522
US5944954 A	19990831	US19970795738	19970205
US6207734 BA	20010327	US19990256547	19990224
WO9744526 A1	19971127	WO1997US08357	19970516
WO9833978 A1	19980806	WO1998US02272	19980205
ZA9704427 A	19981117	ZA19970004427	19970521

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; DEASON HOWARD THOMAS ; HERSKO BART STEVEN ; MOHAMMADI KHOSROW PARVIZ

Inventor(s):(std)**:** WEISMAN THOMAS ; WEISMAN PAUL THOMAS ; WEIMAN PAUL TOMAS ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS ; MOHMMADI KHORSROW PARVIZ ; MOHAMMADI PARVIZ ; MOHAMMADI KHOSROW PARVIZ ; HERSKO STEVEN ; HERSKO BART STEVEN ; HERSKO BART S ; DEASON THOMAS ; DEASON HOWARD THOMAS ; DEASON HOWARD T

Inventor(s): Deason ; BART STEVEN HERSKO ; Bart Steven ; BART S HERSKO ; Hersko ; KHOSROW PARVIZ MOHAMMADI ; KHORSROW PARVIZ MOHMMADI ; KENNETH DOUGLAS VINSON ; Kenneth Douglas ; KENNETH D VINSON ; HOWARD THOMAS DEASON ; Howard Thomas ; HOWARD T DEASON ; Vinson ; PAUL TOMAS WEIMAN ; PAUL THOMAS WEISMAN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 A47K7/00 B31F1/12 C08G73/02 C09J103/08 D21F11/04 D21H17/29 D21H17/36 D21H17/55 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention);

	A47K7/00 D21H17/29 D21H17/36 D21H17/55 D21H21/14 D21H27/00 D21H27/30 (Advanced/Non-invention); A47K10/00 A47K7/00 B31F1/00 C08G73/00 C09J103/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention); D21H17/00 (Core/Non-invention)
International class (IPC 1-7):	A47K10/16 A47K7/00 B21F1/12 B31D B31F B31F1/12 C08L3/00 D21H17/29 D21H17/36 D21H17/55 D21H17/59 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H25/06 D21H27/00 D21H27/30
CPC:	B31F1/12 C08G73/0286 C09J103/08 D21H17/36 D21H17/55 D21H21/146 D21H17/29
European class:	B31F1/12 C08G73/02R1 C09J103/08 D21H21/14D N21H17/29 N21H17/36 N21H17/55
US class:	162/111 162/112 162/113 162/164.1 162/164.3 162/168.1 264/282 264/283 524/47 524/800 524/803 525/420 525/423 528/335
Classification Explorer	
Cited documents:	WO9704166 A1, WO9633310 A1, US962505 A, US5865950 A, US5635028 A, US5494554 A, US5490903 A, US5468796 A, US5399241 A, US5382323 A, US5326434 A, US5143776 A, US4994146 A, US4940513 A, US4788243 A, US4637859 A, US4529840 A, US4529480 A, US4528316 A, US4501640 A, US4406737 A, US4308092 A, US4300981 A, US4191609 A, US4166001 A, US4158594 A, US4127637 A, US4064213 A, US3994771 A, US3926716 A, US3821068 A, US3772076 A, US3700623 A,

0) US2002098317A – OXIDIZED CELLULOSE–CONTAINING FIBROUS MATERIALS...

56) Family number: 28215981 (US2002098317A) © PatBase

Title: OXIDIZED CELLULOSE–CONTAINING FIBROUS MATERIALS AND PRODUCTS MADE THEREFROM

Priority:

DE19991053590	19991108	DE20006027548	20000224	EP19990200537	19990224
EP20000906770	20000224	EP20000907622	20000224	WO2000EP01538	20000224
WO2000NL00119	20000224	RU20010125941	20000224		

Family:

Publication number	Publication date	Application number	Application date
AT271068 E	20040715	AT20000906770T	20000224
AT324384 E	20060515	AT20000907622T	20000224
AU200028330 A1	20000914	AU20000028330	20000224
AU200028330 A5	20000914	AU20000028330	20000224
AU200029145 A1	20000914	AU20000029145	20000224
AU200029145 A5	20000914	AU20000029145	20000224
AU768725 B2	20040108	AU20000029145	20000224
AU776991 B2	20040930	AU20000028330	20000224
BRPI0008378 A	20020219	BR2000PI08378	20000224
BRPI0008475 A	20020205	BR2000PI08475	20000224
CN1192039 C	20050309	CN20008004114	20000224
CN1341125 A	20020320	CN20008004200	20000224
CN1355814 A	20020626	CN20008004114	20000224
CZ20012873 A3	20020116	CZ20010002873	20000224
CZ20012901 A3	20020116	CZ20010002901	20000224
DE19953590 A1	20010517	DE19991053590	19991108
DE60012148 D1	20040819	DE20006012148	20000224
DE60012148 T2	20050721	DE20006012148T	20000224
DE60027548 D1	20060601	DE20006027548	20000224

DE60027548 T2	20070426	DE20006027548T	20000224
DK1155039 T3	20041108	DK20000906770T	20000224
EP1155039 A1	20011121	EP20000906770	20000224
EP1155039 B1	20040714	EP20000906770	20000224
EP1155040 A1	20011121	EP20000907622	20000224
EP1155040 B1	20060426	EP20000907622	20000224
ES2223462 T3	20050301	ES20000906770T	20000224
ES2262508 T3	20061201	ES20000907622T	20000224
HU0105300 AB	20020429	HU20010005300	20000224
HU0105300 AC	20040428	HU20010005300	20000224
HU0202330 AB	20021228	HU20020002330	20000224
JP2002537448 T2	20021105	JP20000601041T	20000224
JP2002537503 T2	20021105	JP20000601040T	20000224
MXPA01008545 A1	20030606	MX2001PA08545	20000224
PL350233 A1	20021118	PL20000350233	20000224
PL350423 A1	20021216	PL20000350423	20000224
RU2001125920 A	20040220	RU20010125920	20000224
RU2001125941 A	20030627	RU20010125941	20000224
TR200102472 T2	20020321	TR20010002472T	20000224
US2002098317 AA	20020725	US20010931621	20010816
US6716976 BA	20040406	US20010913596	20011121
US6824645 BB	20041130	US20010931621	20010816
WO0050462 A1	20000831	WO2000EP01538	20000224
WO0050463 A1	20000831	WO2000NL00119	20000224
ZA200106416 A	20021104	ZA20010006416	20010803
ZA200106740 A	20020815	ZA20010006740	20010815

Probable Assignee: NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK

Assignee(s):(std)**:** BESEMER ARIE CORNELIS ; BRAGD PETTER ; DEN DOOL RONALD VAN ; GUNNARS SUSANNA ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; SCA HYGIENE PROD GMBH ; SCA HYGIENE PRODUCTS ZEIST B V ; ZAIST SCA HYGIENE PRODUCTS GMB ; SCA HYGIENE PROD ZEIST BV ; SCA HYGIENE PRODUCTS GMBH ; SCA HYGIENE PRODUCTS ZEIST BV

Assignee(s): SCA HYGIENE PRODUCTS ZEIST B V ZEIST ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETEN ; ZAIST SCA HYGIENE PRODUCTS GMBH ; VAN HARTINGSVELDT WIM ; SCA HYGIENE PRODUCTS ZEIST PO BOX BV

Inventor(s):(std)**:** ARIE CORNELIS BESEMER ; BESEMER ARIE CORNELIS ; BESEMER ARIE CORNELLS ; BESEMER CORNELIS ; BRAGD PETTER ; DOOL RONALD VAN DEN ; GUNNARS SUSANNA ; GUNNARS SUSANNE ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JAN MATTHIJS JETTEN ; JAN MATTHIYS JETTEN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; JETTEN JAN MATTHIYS ; JETTEN MATTHIJS ; PETTER BRAGD ; RONALD TAKO MARINUS VAN DEN DOOL ; RONALD VAN DEN DOOL ; RONALD VANDENDOOL ; SUSAANA GUNNARS ; SUSANNA GUNNARS ; THOMAS JASCHINSKI ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; VANDENDOOL RONALD ; VANHARTINGSVELDT WILLEM ; WILLEM VAN HARTINGSVELDT ; WILLEM VANHARTINGSVELDT ; WIM VAN HARTINGSVELDT ; VAN HARTINGSVELDT WIM ; GUNNARS SUSAANA ; DOOL RONALD TAKO MARINUS VAN D ; VAN HARTINGSVELDT ; VAN DEN DOOL ; JETTEN MATTHIJS JAN ; JETTEN ; JASCHINSKI ; GUNNARS ; BRAGD ; BESEMER CORNELIS ARIE ; BESEMER

Inventor(s): CORNELIS ARIE BESEMER ; MATTHIJS JAN JETTEN

Designated states:

AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): C08B11/04 C08B11/10 C08B11/14 C08B11/145 C08B15/02 C08B15/04 D04H13/00 D21C9/00 D21H11/20 (Advanced/Invention); C08B11/00 C08B15/00 D04H13/00 D21C9/00 D21H11/00 (Core/Invention)

International class (IPC 1–7): A47K7/00 C08B11/04 C08B11/08 C08B11/10 C08B11/12 C08B11/14 C08B11/145 C08B15/00 C08B15/02 C08B15/04 C12P19/04 D06M13/322 D21C3/20 D21C9/147 D21H11/20 D21H27/00

CPC: D04H1/425 D04H1/4374 D04H13/00 Y10T428/234 D21H11/20 C08B15/02 D21C9/002

European class: C08B15/02 D21C9/00B2 D21H11/20

US class: 162/109 162/157.6 162/165 162/165S 162/9 428/72 428/72P 435/101 435/28 536/124 536/18 536/56 8/181 8/189

Classification Explorer

Cited documents: WO9932652 A1, WO9923240 A1, WO9923117 A1, WO9855684 A1, WO9827117 A1, WO9736054 A2, WO9736053 A2, WO9736052 A2, WO9736051 A2, WO9736037 A2, WO9638484 A1, WO9636621 A1, WO9609435 A1, WO9525844 A1, WO9511340 A1, WO9507303 A1, WO9429510 A1, WO9428244 A1, WO9416750 A1, WO0129309 A1, US6562195 BB, US6524348 BA, US6409881 BA, US6379494 BA, US6368456 BA, US6331619 BA, US6319361 BA, US6254724 BA, US6228126 BA, US6103059 A, US6087135 A, US6031101 A, US5877330 A, US5873979 A, US5849929 A, US5831043 A, US5821374 A, US5760212 A, US5747658 A, US5739352 A, US5698688 A, US5629426 A, US5607551 A, US5472485 A, US5416215 A, US5348621 A, US5334756 A, US4983748 A, US4972018 A, US4647505 A, US4100341 A, US4082743 A, US3632802 A, US3431254 A, US3313641 A, US3137588 A, US3086969 A, US2003024661 AA, US2002098317 AA, US2002072598 AA, US2002026993 AA, SU592905 T, SU529905 T, SU1268650 T, SU1268649 T, SU1268648 T, SE510528 C2, RU592905, JPS63211399, JPS5054684, JP8003136 A2, JP63211399 A2, JP6017399 A2, JP5054684 A2, JP50054684 A2, JP2099695 A2, JP11012301 A2, JP10251302 A2, JP10072501 A2, GB2289695 A1, GB1385894 A, GB1299646 A, EP1245722 A2, EP1106732 A2, EP1077286 A1, EP1077285 A1, EP1077221 A1, EP0905289 A2, EP0866060 A2, EP0801073 A2, EP0775684 A1, EP0752024 B1, EP0677612 A2, EP0617164 A1, EP0574661 A1, EP0324382 A2, EP0283951 A1, EP0124439 A2, DE4432795 A1, DE4219471 A1, DE19821263 A1, DE19746805 C1, DE19723912 A1,

0) US2011311749A – UNIQUELY PERFORATED WEB PRODUCT

57) Family number: 50210433 (US2011311749A)

© PatBase

Title: UNIQUELY PERFORATED WEB PRODUCT

Priority: CA20112743672 20110617 US20100819344 20100621

Family:

Publication number	Publication date	Application number	Application date
CA2743672 AA	20111221	CA20112743672	20110617
MX2011006700 A1	20120220	MX20110006700	20110620
US2011311749 AA	20111222	US20100819344	20100621
US8287977 BB	20121016	US20100819344	20100621

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): MCNEIL KEVIN BENSON ; MELLIN ANDRE ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; MCNEIL KEVIN B

Inventor(s):(std): MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; MELLIN ANDRE

Inventor(s): ANDRE MELLIN ; KEVIN BENSON MCNEIL

International class (IPC 8–9): A47K10/16 B26F1/00 B32B29/00 B65D65/28 B65H35/00 D21H27/00 D21H27/02 (Advanced/Invention); B65H35/00 D21H27/00 (Core/Invention)

CPC: A47K10/16 D21H27/02 D21H27/002 Y10T428/15 Y10T428/24 Y10T428/24273

US class: 162/114 4/245.1 4/245.8 428/131 428/43 428/43P 428/98

Classification Explorer

Cited documents: WO9203250 A2, WO10076689 A1, WO08141598 A1, WO08068723 A1, WO06067260 A1, WO03026472 A1, USD393950 S1, US7222346 BB, US714652 A, US7089854 BB, US6865784 BB, US6838040 BB, US6735834 BB, US6733626 BB, US6565794 BA, US6557224 BB, US6487762 BA, US6460727 BA, US6289777 BA, US6223641 BA, US6139186 A, US6136209 A, US6119439 A, US6029921 A, US6010090 A, US5839688 A, US5789050 A, US5755654 A, US5740658 A, US5740657 A, US5727458 A, US5718928 A, US5704566 A, US5616387 A, US5613347 A, US5453311 A, US5405663 A, US5246110 A, US5205454 A, US5202077 A, US5198276 A, US5062331 A, US5041317 A, US4995930 A, US4957122 A, US4884719 A, US4842794 A, US4806303 A, US4646364 A, US4636161 A, US453003 A, US4509908 A, US4503318 A, US4500770 A, US4457964 A, US4441952 A, US4423101 A, US4355226 A, US4247754 A, US4220490 A, US4219727 A, US4210688 A, US4199090 A, US4100396 A, US405412 A, US4035611 A, US4029938 A, US3931886 A, US3770172 A, US3762542 A, US3752304 A, US3583558 A, US3467250 A, US2009022927 AA, US2008280088 AA, US2008199660 AA, US2007209099 AA, US2007014961 AA, US2005241788 AA, US2005095403 AA, US2003218040 AA, US2003132549 AA, US2003131454 AA, US2003111169 AA, US2003101557 AA, US2002148085 AA, US1170589 A, JP9279463 A2, JP8084685 A2, JP3140786 B2, JP3140786 A2, JP2007117466 A2, JP2006247311 A2, JP2005296588 A2, JP2005153997 A2, JP2004049261 A2, JP2002017607 A2, JP11091266 A2, GB2184391 A1, GB2184390 A1, GB2183489 A1, GB159818 A, FR2292560 A1, EP1529477 A1, EP0974433 A1, EP0689819 A2, EP0195113 A2, EP0054907 A2, DE3043845 A1, DE20013469 U1,

DE102006049680 A1

0) US2009272835A – METHOD AND MACHINE FOR FORMING LOGS OF WEB MATE...

58) Family number: 40906253 (US2009272835A) © PatBase

Title: METHOD AND MACHINE FOR FORMING LOGS OF WEB MATERIAL, WITH A MECHANICAL DEVICE FOR FORMING THE INITIAL TURN OF THE LOGS

Priority: IT2006FI00141 20060609 IT2007FI00070 20070322 WO2007IT00389 20070604

Family:

Publication number	Publication date	Application number	Application date
AT447534 E	20091115	AT20070790121T	20070604
BRPI0712362 A2	20120619	BR2007PI12362	20070604
CA2654943 AA	20081209	CA20072654943	20070604
CA2654943 C	20140923	CA20072654943	20070604
DE602007003102 D1	20091217	DE200760003102T	20070604
EP2032488 A2	20090311	EP20070790121	20070604
EP2032488 B1	20091104	EP20070790121	20070604
ES2333995 T3	20100303	ES20070790121T	20070604
IL195760 A0	20090901	IL20080195760	20081207
IL195760 A1	20130731	IL20070195760	20070604
ITFI20060141 A1	20071210	IT2006FI00141	20060609
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JP2009539723 T2	20091119	JP20090513847T	20070604
JP5325775 B2	20131023	JP20090513847T	20070604
KR101347947 B1	20140107	KR20097000294	20070604
KR20090023467 A	20090304	KR20097000294	20070604

US2009272835 AA	20091105	US20070308126	20070604
US7931226 BB	20110426	US20070308126	20070604
WO07141818 A2	20071213	WO2007IT00389	20070604
WO07141818 A3	20080131	WO2007IT00389	20070604

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** BENVENUTI ANGELO ; CECCHETTINI LUCA ; PERINI FABIO SPA ; FORNAI ANDREA ; MADDALENI ROMANO

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA ; FABIO PERINI SPAVIA PER MUGNANOI−55100LUCCAIT

Inventor(s):(std)**:** BENVENUTI ANGELO ; CECCHETTINI LUCA ; FORNAI ANDREA ; MADDALENI ROMANO

Inventor(s): MADDALENI ROMANOIT ; ROMANO MADDALENI ; FORNAI ANDREAIT ; LUCA CECCHETTINI ; CECCHETTINI LUCAIT ; BENVENUTI ANGELOIT ; ANDREA FORNAI ; ANGELO BENVENUTI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8−9): B65H18/08 B65H19/22 B65H19/26 B65H19/28 B65H19/30 (Advanced/Invention); B65H18/08 B65H19/22 B65H19/28 B65H19/30 (Core/Invention); B65H (Subclass/Invention)

CPC: B65H19/2269 B65H2408/235

European class: B65H19/22B6 L65H408/235

US class: 242/521 242/521P 242/532 242/532.2 242/532.200S 242/532S 242/533 242/533.1 242/533.2 242/533.3

Classification Explorer

Cited documents: WO200554104, WO200554103, WO05075328 A1, WO05054104 A2, WO05054104, WO05054103 A1, WO05054103, WO04050520 A2, WO04046006 A2, US7523884 BB, US6752345 BB, US6595458 BA, US6050519 A, US5979818 A, US5653401 A, US5368252 A, US4487377 A, US4327877 A, GB1435525 A, EP1262434 A3, EP1262434 A2, EP1232980 A1, EP0827483 B1, EP0738231 B1, EP0524158 B1, EP0093301 B1, DE19807420 A1,

0) US2009256472A − THREE−DIMENSIONAL LIGHTING STRUCTURE UTILIZING ...

59) Family number: 43838109 (US2009256472A) © PatBase

Title: THREE−DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY

Priority:

CA20132809626	20130315	CA20132809629	20130315	US20080045070P	20080415
US20080045070	20080415	EP20130159335	20130315	EP20130159344	20130315
US20090423567	20090414	WO2009US40528	20090414	US20120421916	20120316
US20120421921	20120316				

Family:

Publication number	Publication date	Application number	Application date
CA2758419 AA	20091022	CA20092758419	20090414
CA2758419 C	20140722	CA20092758419	20090414
CA2809626 AA	20130916	CA20132809626	20130315
CA2809626 C	20171024	CA20132809626	20130315
CA2809629 AA	20130916	CA20132809629	20130315
CA2809629 C	20171024	CA20132809629	20130315
DE602013009495 D1	20160901	DE201360009495T	20130315
DE602013014600 D1	20170112	DE201360014600T	20130315
EP2274554 A2	20110119	EP20090733050	20090414
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EP2274554 B1	20170802	EP20090733050	20090414
EP2639495 A2	20130918	EP20130159344	20130315
EP2639495 A3	20140507	EP20130159344	20130315
EP2639495 B1	20161130	EP20130159344	20130315
EP2639783 A2	20130918	EP20130159335	20130315
EP2639783 A3	20140507	EP20130159335	20130315
EP2639783 B1	20160720	EP20130159335	20130315
US2009256472 AA	20091015	US20090423567	20090414
US2012218761 AA	20120830	US20120421916	20120316
US2012224376 AA	20120906	US20120421921	20120316
US8210697 BB	20120703	US20090423567	20090414
US8845117 BB	20140930	US20120421921	20120316
US8979290 BB	20150317	US20120421916	20120316
WO09129242 A2	20091022	WO2009US40528	20090414
WO09129242 A3	20100107	WO2009US40528	20090414

Probable Assignee: LOHNEIS PAUL E

Assignee(s):(std)**:** LOHNEIS PAUL E

Assignee(s): LOHNEIS PAUL E POTOMAC ; LOHNEIS PAUL E12437 OVER RIDGE ROADPOTOMACMD20854US

Inventor(s):(std)**:** LOHNEIS PAUL E

Inventor(s): LOHNEIS PAUL E12437 OVER RIDGE ROADPOTOMACMD20854US ; LOHNEIS PAUL E POTOMAC

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47G33/08 B23P11/00 B60Q1/12 F21S2/00 F21S8/00 F21V17/10 F21V21/088 F21V21/14 F21V21/30 F21V33/00 F21V8/00 F21V9/16 F21Y105/00 G09F13/22 H01J1/63 H01J9/00 H01J9/24 H01L27/32 (Advanced/Invention); F21V19/00 F21W121/00 F21Y101/02 F21Y105/00 F21Y111/00 H01L27/32 (Advanced/Non–invention); F21S2/00 H01J1/00 H01J9/00 (Core/Invention)

CPC: A47G2033/0827 F21S10/04 F21V19/004 F21V19/005 A47G33/08 Y10T29/49826 G09F13/22 F21V19/003 F21W2121/006 H01L27/3202 H01L27/3237 H01L2251/5338 H01L2251/5361 F21W2121/00 F21Y2105/00 F21Y2107/60 F21Y2113/13 F21Y2115/10 F21Y2115/15 F21Y2115/20 F21Y2107/00

European class: F21V19/00B4D F21V19/00B4P G09F13/22 H01L27/32L R21S10/04 R21W121/00 R21Y101/02 R21Y105/00E R21Y105/00G R21Y111/00T9 R21Y113/00C2 T01L251/53F T01L251/53L T01L27/32A T01L27/32L

US class:

29/428 313/504 313/504P 362/249.02 362/249.04 362/249.040P 362/249.08 362/249.080S 362/84 445/23 445/23S 445/44 445/44S

Classification Explorer

Cited documents: WO9218964 A1, WO08005610 A1, WO05036935 A1, WO03023807 A1, US7799369 BB, US7723733 BB, US7677943 BB, US7622861 BB, US7482745 BB, US7476557 BB, US7427782 BB, US7378125 BB, US7364315 BB, US7294961 BB, US7259030 BB, US7256427 BB, US7217956 BB, US7161590 BB, US7052924 BB, US6998772 BB, US6981781 BB, US6962737 BB, US6876143 BB, US6811563 BB, US6802144 BB, US6801185 BB, US6688759 BA, US6639355 BA, US6637906 BB, US6382814 BA, US6056425 A, US6045575 A, US5857765 A, US5771617 A, US5747940 A, US5645343 A, US3621332 A, US2008180949 AA, US2008067527 AA, US2007290217 AA, US2007194332 AA, US2007105250 AA, US2007090387 AA, US2007087469 AA, US2007026571 AA, US2007026570 AA, US2007014916 AA, US2006252336 AA, US2005282307 AA, US2005248935 AA, US2005214963 AA, US2005214962 AA, US2005212406 AA, US2005212007 AA, US2005211998 AA, US2005188569 AA, US2005088079 AA, US2005082820 AA, US2005025881 AA, US2004113543 AA, US2004097005 AA, US2004070195 AA, US2004041800 AA, TWM315805 Y, JP8250279 A2, JP8203669 A2, JP2005302387 A2, JP2005192648 A2, JP2005174891 A2, JP2000197169 A2, JP11176214 A2, GB389110 A, GB2394109 A1, EP1367677 A2, EP1367676 A1, EP0458517 A1,

DE202008002894 U1

DE202008002894, DE10350913 A1,

DE102006037998 A1

0) US2012043037A – PAPER PRODUCT HAVING UNIQUE PHYSICAL PROPERTIES...

60) Family number: 50661322 (US2012043037A) © PatBase

Title: PAPER PRODUCT HAVING UNIQUE PHYSICAL PROPERTIES

Priority:

EP20110752012	20110818	US20100859495	20100819	US20120431259	20120327
US20120714562	20121214	US20140155676	20140115	US20120714581	20121214
WO2011US48176	20110818	US20140197200	20140304	US20140525296	20141028
US20150607214	20150128	US20150615468	20150206	US20150755985	20150630
US20150755884	20150630	US20150755825	20150630		

Family:

Publication number	Publication date	Application number	Application date
CA2806883 AA	20130128	CA20112806883	20110818
DE602011031950 D1	20161208	DE201160031950T	20110818
EP2606184 A1	20130626	EP20110752012	20110818
EP2606184 B1	20161102	EP20110752012	20110818
FR2963940 A1	20120224	FR20110057388	20110817
MX2013001621 A1	20130308	MX20130001621	20110818
MX340286 B	20160704	MX20130001621	20110818
US2012043037 AA	20120223	US20100859495	20100819
US2012180971 AA	20120719	US20120431259	20120327
US2013098572 AA	20130425	US20120714562	20121214
US2014124152 AA	20140508	US20140155676	20140115
US2014182798 AA	20140703	US20140197200	20140304
US2015041086 AA	20150212	US20140525296	20141028
US2015136347 AA	20150521	US20150607214	20150128
US2015152605 AA	20150604	US20150615468	20150206
US2015299953 AA	20151022	US20150755985	20150630

US8211271 BB	20120703	US20100859495	20100819
US8512524 BB	20130820	US20120431259	20120327
US8657997 BB	20140225	US20120714562	20121214
US8900409 BB	20141202	US20140155676	20140115
US8974635 BB	20150310	US20140197200	20140304
US9017516 BB	20150428	US20140525296	20141028
US9034144 BA	20150519	US20150607214	20150128
US9103072 BB	20150811	US20150615468	20150206
US9169600 BA	20151027	US20150755985	20150630
US9169602 BA	20151027	US20150755884	20150630
US9175444 BA	20151103	US20150755825	20150630
WO12024460 A1	20120223	WO2011US48176	20110818

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** POLAT OSMAN ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; SHEEHAN JEFFREY GLEN

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** JEFFREY GLEN SHEEHAN ; OSMAN POLAT ; POLAT OSMAN ; SHEEHAN JEFFREY GLEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/07 B31F1/12 B32B29/00 D04H13/00 D21F3/00 D21F7/00 D21H11/00 D21H11/04 D21H23/00 D21H27/00 D21H27/02 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); B32B29/00 (Advanced/Non–invention)

CPC: D21H27/007 B31F1/07 B32B29/00 D21H1/02 D21H27/004 D21H27/30 D21H27/38 D21H27/02 Y10T428/24479 Y10T428/24612 Y10T428/27 Y10T442/184 Y10T442/198 Y10T442/2361 D21H27/005 D21H27/40 D21H11/04

European class: D21H27/00D2 D21H27/00D2B D21H27/30

US class: 1/1 162/100 162/109 162/111 162/112 162/117 162/123 162/125 162/129 162/348 162/358.2 162/358.200P 162/900 162/903 428/156 428/172 428/340 442/103 442/50 442/58

Classification Explorer

Cited documents: WO9963158 A1, WO9859110 A1, WO9821410 A1, WO9744529 A1, WO10076689 A1, WO09107023 A2, WO07070124 A1, WO06132976 A1, WO06071287 A1, WO05107427 A2, USRE42968 E, US9034144 BA, US9017516 BB, US8974635 BB, US8900409 BB, US8657997 BB, US8512524 BB, US8313617 BB, US8298376 BB, US8211271 BB, US8163130 BB, US8152959 BB, US8034215 BB, US7960020 BB, US7918951 BB, US7842163 BB, US7837831 BB, US7829177 BB, US7828932 BB, US7799411 BB, US7744723 BB, US7741234 BB, US7691229 BB, US7645359 BB, US7550059 BB, US7494564 BB, US7399378 BB, US7374639 BB, US7314665 BB, US7128809 BB, US6743333 BB, US6649025 BB, US6423397 BA, US6277241 BA, US5965235 A, US5906711 A, US5906710 A, US5714041 A, US5679222 A, US5628876 A, US5624790 A, US5580423 A, US5566724 A, US5554467 A, US5552020 A, US5543067 A, US5538595 A, US5529665 A, US5514523 A, US5510000 A, US5500277 A, US5496624 A, US5443691 A, US5431786 A, US5415737 A, US5334289 A, US5328565 A, US5277761 A, US5275700 A, US5260171 A, US5245025 A, US5238565 A, US5098522 A, US5059282 A, US4981557 A, US4919756 A, US4637859 A, US4529480 A, US4528239 A, US4514345 A, US4440597 A, US4364837 A, US4300981 A, US4239065 A, US4191609 A, US4166001 A, US4011389 A, US3994771 A, US3964500 A, US3905863 A, US3772076 A, US3700623 A, US3573164 A, US3556933 A, US3556932 A, US3301746 A, US2826551 A, US2015152605 AA, US2015136347 AA, US2015041086 AA, US2014182798 AA, US2014124152 AA, US2014014284 AA, US2013209749 AA, US2013171421 AA, US2013098572 AA, US2012277710 AA, US2012273148 AA, US2012180971 AA, US2012043042 AA, US2012043041 AA, US2012043037 AA, US2012043036 AA, US2012034430 AA, US2011100574 AA, US2011008583 AA, US2010239825 AA, US2010186913 AA, US2009218057 AA,

US2009183846 AA, US2009029106 AA, US2008087395 AA, US2007272381 AA, US2007137813 AA, US2007137811 AA, US2007074833 AA, US2006280909 AA, US2006130988 AA, US2006113049 AA, US2006088697 AA, US2004231813 AA, GB849433 A, GB2498443 A1, EP0849433 A2, EP0688901 A2, EP0613979 A1,

0) US2010237179A – REWINDING METHOD AND REWINDING MACHINE THAT CAR...

61) Family number: 43112799 (US2010237179A) © PatBase

Title: REWINDING METHOD AND REWINDING MACHINE THAT CARRIES OUT THIS METHOD

Priority: EP20070019379 20071002 EP20080834938 20081002 WO2008IB02607 20081002

Family:

Publication number	Publication date	Application number	Application date
DE602008027048 D1	20131017	DE200860027048T	20081002
EP2045201 A1	20090408	EP20070019379	20071002
EP2205513 A2	20100714	EP20080834938	20081002
EP2205513 B1	20130821	EP20080834938	20081002
ES2430845 T3	20131122	ES20080834938T	20081002
US2010237179 AA	20100923	US20080679532	20081002
WO09044264 A2	20090409	WO2008IB02607	20081002
WO09044264 A3	20090522	WO2008IB02607	20081002

Probable Assignee: MTC MACCHINE TRASFORMAZIONE CARTA SRL

Assignee(s):(std)**:** DE MATTEIS ALESSANDRO ; M T C MACCHINE TRASFORMAZIONE ; MTC MACCHINE TRASFORMAZIONE CA ; MTC MACCHINE TRASFORMAZIONE

Assignee(s): M T C MACCHINE TRASFORMAZIONE CARTA SRL PORCARI ; MTC MACCHINE TRASFORMAZIONE CARTA SRL ; M T C MACCHINE TRASFORMAZIONE CARTA S R L ; M T C MACCHINE TRASFORMAZIONE CARTA SRL ; MTC MACCHINE TRASFORMAZIONE CARTA S R L

Inventor(s):(std)**:** DE MATTEIS ALESSANDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 B65H35/04 B65H35/10 (Advanced/Invention) ; B65H19/22 B65H19/28 B65H19/30 B65H35/00 B65H35/04 (Core/Invention)

CPC: B65H19/286 B65H19/2269 B65H19/29 B65H2301/414421 B65H2408/235

European class: B65H19/22B6 B65H19/28B B65H19/29 L65H301/41442A L65H341/441A2 L65H341/441C4 L65H341/441G2 L65H408/235

US class: 242/521 242/521P 242/526 242/526.1 242/526.100S 242/526S 242/532.3 242/532.300S

Classification Explorer

Cited documents: WO06117822 A1, WO04005173 A1, WO0164563 A2, US8136473 BB, US7641142 BB, US7222813 BB, US7175126 BB, US6494398 BA, US6350861 BA, US5866135 A, US5285977 A, US35284 A, US2007102562 AA, US2007102561 AA, US2006208127 AA, US2003001042 AA, GB2150536 A1, EP1754677 A2, EP1702873 A2, EP1700805 A2, EP1554202 A2, EP1232980 A1, EP0387214 A2,

62) Family number: 29449093 (US6126784A) © PatBase

Title: Process for applying chemical papermaking additives to web substrate

Priority: US19990305765 19990505 WO2000US11831 20000502

Family:

Publication number	Publication date	Application number	Application date
AR023855 AA	20020904	AR2000P102160	20000504
AT285493 E	20050115	AT20000928696T	20000502
AU200046893 A1	20001121	AU20000046893	20000502
AU200046893 A5	20001121	AU20000046893D	20000502
AU763746 B2	20030731	AU20000046893	20000502
BRPI0010290 A	20030701	BR2000PI10290	20000502
CA2372779 AA	20011101	CA20002372779	20000502
CA2372779 C	20051115	CA20002372779	20000502
CL2000001118 A1	20010119	CL20000001118	20000505
CL45357 B	20090612	CL20000001118	20000505
CN1353785 A	20020612	CN20008008499	20000502
CZ20013942 A3	20031015	CZ20010003942	20000502
DE60016922 D1	20050127	DE20006016922	20000502
DE60016922 T2	20051208	DE20006016922T	20000502
EG22505 A	20030331	EG20000000582	20000506
EP1190139 A1	20020327	EP20000928696	20000502
EP1190139 B1	20041222	EP20000928696	20000502
ES2231193 T3	20050516	ES20000928696T	20000502
HK1044576 A1	20050805	HK20020106261	20020823
HU0202353 AB	20021128	HU20020002353	20000502
JP2002544404 T2	20021224	JP20000617268T	20000502
KR20020047033 A	20020621	KR20017014010	20000502
NZ515013 A	20030829	NZ20000515013	20000502
PE01462001 A1	20010421	PE20000000414	20000504
PL352074 A1	20030728	PL20000352074	20000502
TH46667 A	20010815	TH20001001517	20000502
TR200103220 T2	20020422	TR20000003220T	20000502
US6126784 A	20001003	US19990305765	19990505
WO0068503 A1	20001116	WO2000US11831	20000502
ZA200108822 A	20030127	ZA20010008822	20011025

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBE COMPANY ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; PROCTER AND GAMBE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBE COMPANY

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON KENNETH DOUGLAS FICKE JONATHAN ANDREW

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9):	D21H19/84 D21H21/22 D21H23/24 D21H23/46 D21H23/70 D21H23/72 D21H25/08 D21H27/00 (Advanced/Invention); D21H19/84 D21H21/22 D21H23/72 D21H27/00 (Advanced/Non–invention); D21H21/22 D21H23/00 D21H25/00 D21H27/00 (Core/Invention); D21H19/00 D21H21/22 (Core/Non–invention)
International class (IPC 1–7):	D21H D21H11/00 D21H21/22 D21H21/22 D21H23/22 D21H23/70 D21H23/72 D21H25/08 D21H27/00
CPC:	D21H19/84 D21H21/22 D21H23/72 D21H25/08
European class:	D21H23/72 D21H25/08 N21H19/84 N21H21/22
US class:	162/111 162/135 162/158 162/164.1 162/164.3 162/164.6 162/168.1 162/168.2 162/183 162/184
Classification Explorer	
Cited documents:	USH1672 H1, US5840403 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4300981 A, US1774398 A, FR2478491 A1, DE2846576 A1,

0) US5795921A – FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS US...

63) Family number: 29574265 (US5795921A) © PatBase

Title: FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS USEFUL AS ABSORBENT MEMBERS FOR CATAMENIAL PADS

Priority:

CA19962208642	19960111	CA19962226408	19960111	CA19962226408	19960111
US19960688496	19960730	US19970955555	19971020	US19950397592	19950302
US19960675138	19960703	US19950370697	19950110	US19950542497	19951013
WO1996US00388	19960111	WO1996US02251	19960220	WO1997US10607	19970613

Family:

Publication number	Publication date	Application number	Application date
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ZA9705825 A	19980901	ZA19970005825	19970630

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBEL CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; DYER JOHN COLLINS ; GAMBLE CO ; HAMMONS JOHN LEE ; LAMPSON PATRICIA LEE ; LLOYD SUSAN NICOLE ; PROCTER AND

Inventor(s):(std)**:** DYER COLLINS ; HAMMONS J L ; HAMMONS JOHNM LEE ; HAMMONS LEE ; JL HAMMONS ; JOHN C DYER ; JOHN COLLINS DYER ; LAMPSON LEE ; LAMPSON P L ; LEE HAMMONS JOHN ; LEE LAMPSON PATRICIA ; LLOYD NICOLE ; LLOYD SUSAN NICOLE ; LLOYD SUZAN NICOLE ; NICOLE LLOYD SUSAN ; PATRICIA L LAMPSON ; PATRICIA LEE LAMPSON ; PL LAMPSON ; SUSAN N LLOYD ; SUSAN N LOYD ; SUSAN NICOLE LLOYD ; YER JOHN COLLINS ; JOHN L HAMMONS ; JOHN LEE HAMMONS ; HAMMONDS JOHN LEE ; LLOYD SUSAN N ; LAMPSON PATRICIA LEE ; LAMPSON PATRICIA L ; HAMMONS JOHN LEE ; HAMMONS JOHN L ; DYER JOHN COLLINS ; DYER JOHN C

Inventor(s):	J L HAMMONS ; P L LAMPSON ; Lampson ; SUZAN NICOLE LLOYD ; HAMMONS JOHN LEE DYER JOHN COLLINS ; Patricia Lee ; JOHN COLLINS YER
Designated states:	AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TJ TM TR TT UA UG UZ VN YU ZW
International class (IPC 8–9):	A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/53 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/04 A61L31/14 C08F2/32 C08F212/12 C08F220/10 C08J9/00 G06F3/038 (Advanced/Invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 C08J9/00 (Advanced/Non–invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 A61L15/16 A61L31/04 A61L31/14 C08F2/32 C08F212/00 C08F220/00 C08J9/00 G06F3/033 (Core/Invention); A61F13/15 (Core/Non–invention)
International class (IPC 1–7):	A61F13/00 A61F13/15 A61F13/20 A61F13/46 A61F13/472 A61F13/53 A61L 15/42 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/00 B32B3/10 C08F12/08 C08F13/15 C08F13/20 C08F2/32 C08F20/10 C08F212/12 C08F220/10 C08J9/00 C08J9/28
CPC:	A61F13/476 A61F2013/15317 A61F2013/15471 Y10T428/24273 Y10T428/24322 A61F13/47227 A61F13/15203 A61L15/24 A61L15/425 A61L31/048 A61L31/146 C08F2/32
European class:	A61F13/15J A61F13/472B1 A61L15/24 A61L15/42E A61L31/04H A61L31/14H C08F2/32 K61F13/15J8A3 K61F13/15J8M1 K61F13/476
US class:	428/131 428/137 521/146 521/62 521/63 521/64 604/358 604/369 604/385.01 604/385.1 604/387
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0) US2009026299A – WEB SEPARATOR WITH REVERSE ROTATION MECHANISM F...

64) Family number: 42870082 (US2009026299A)

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Title: WEB SEPARATOR WITH REVERSE ROTATION MECHANISM FOR TISSUE PAPER WINDING MACHINE

Priority: TW20070127668 20070727 US20070902812 20070926 US20100822411 20100624 US20110222058 20110831 US20110223468 20110901

Family:

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Probable Assignee: CHAN LI MACHINERY CO LTD

Assignee(s):(std)**:** CHAN LI MACHINERY CO LTD ; TSAI TUNG I

Assignee(s): CHAN LI MACHINERY CO

Inventor(s):(std)**:** TSAI TUNG I

International class (IPC 8–9): B26F3/02 B31C1/00 B65H18/28 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H20/16 B65H35/08 B65H35/10 (Advanced/Invention); B26F3/02 B65H18/00 B65H19/22 B65H35/00 (Core/Invention)

CPC: B65H2408/235 B65H2301/41425 B65H19/267 B65H19/2269 B65H2301/41426 B65H2301/41812 B65H2406/33

European class: B65H19/22B6 B65H19/26C L65H301/41425 L65H301/41426 L65H301/41812 L65H406/33 L65H408/235

US class: 242/160.4 242/160.400P 242/521 242/521P 242/526 242/526.1 242/526P 242/532.2 242/542.1 242/542.3

Classification Explorer

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0) US2004154763A – METHOD FOR MAKING A FIBROUS STRUCTURE COMPRISIN...

65) Family number: 30779983 (US2004154763A)

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Title: METHOD FOR MAKING A FIBROUS STRUCTURE COMPRISING CELLULOSIC AND SYNTHETIC FIBERS

Priority:

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):[std]**:** LORENZ TIMOTHY J ; LORENZ TIMOTHY JUDE ; PHAN DEAN ; PHAN DEAN V ; PHAN DEAN VAN ; POLAT OSMAN ; PROCTER AND GAMBLE ; TROKHAN PAUL DENNIS ; TROKHAN PAUL D ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):[std]**:** DEAN VAN PHAN ; DENNIS POLAT OSMAN LORENZ TIMO ; DENNIS TROKHAN PAUL ; JUDE LORENZ TIMOTHY ; LORENZ TIMOTHY ; LORENZ TIMOTHY J ; LORENZ TIMOTHY JUDE POLAT OSMA ; OSMAN POLAT ; OSMAN TROKHAN PAUL DENNIS PHAN ; PAUL DENNIS TROKHAN ; PHAN DEAN V ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN TROK ; TIMOTHY JUDE LORENZ ; TROKHAN PAUL ; TROKHAN PAUL D ; TROKHAN PAUL DENNIS PHAN DEAN VAN POLAT OSMAN ; TROKHAN PAUL DENNIS ; POLAT OSMAN ; PHAN DEAN VAN ; PHAN DEAN ; LORENZ TIMOTHY JUDE

Inventor(s): TROKHAN PAUL DENNIS HAMILTON ; DEAN VAN ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN TROKHAN PAUL DENNIS ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN... ; POLAT OSMAN MONTGOMERY ; PHAN DEAN VAN WEST CHESTER ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL DENNI ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL DENNIS PHAN DEAN VAN ; LORENZ TIMOTHY JUDE CINCINNATI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B29C59/04 B31F1/00 B31F1/12 B32B21/10 B32B5/26 D04H1/00 D04H1/70 D04H13/00 D04H3/00 D04H5/00 D21F1/10 D21F11/00 D21F11/02 D21F11/04 D21F11/08 D21F11/14 D21F13/00 D21F7/08 D21H13/00 D21H13/10 D21H27/00 D21H27/02 D21H27/30 D21H27/38 (Advanced/Invention); D21H13/10 D21H13/24 D21H15/10 (Advanced/Non–invention); B31F1/00 D04H1/00 D04H13/00 D04H3/00 D04H5/00 D21F1/10 D21F11/00 D21F13/00 D21F7/08 D21H13/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); D21H13/00 D21H15/00 (Core/Non–invention)

International class (IPC 1–7): B32B5/26 D04H1/00 D04H13/00 D04H3/00 D04H5/00 D21F11/00 D21F11/04 D21F11/14 D21H13/10 D21H27/30

CPC: D21F11/14 D21H15/10 D21H13/24 Y10T428/24479 Y10T156/1023 D21H27/38 D21F11/04 D21H13/00 D21F11/006 D21H13/10 Y10T442/60 Y10T442/107 Y10T442/133 Y10T442/14 Y10T442/153 Y10T442/159 Y10T442/3707 Y10T442/668 Y10T442/669

European class: D21F11/00E D21F11/04 D21F11/14 D21H13/10 D21H27/38 N21H13/00 N21H13/10 N21H13/24 N21H15/10

US class: 156/209 156/242 156/242S 156/285 156/285S 156/62.2 156/62.200P 162/109 162/109S 162/111 162/111S 162/113 162/116 162/117 162/117S 162/123 162/125 162/129 162/13 162/130 162/130S 162/146 162/157.1 162/157.2 162/157.3 162/157.6 162/205 162/206 162/211 264/113 264/113S 264/518 264/518S 428/156 442/2 442/20 442/20S 442/24 442/24S 442/268 442/268S 442/32 442/327 442/32P 442/32S 442/35 442/35S 442/389 442/389S 442/390 442/390P 442/5 442/5S

Classification Explorer

Cited documents: WO9314267 A1, WO04072373 A1, WO04072372 A1, WO0039394 A1, WO0020675 A1, US7354502 BB, US7214293 BB, US7156953 BB, US7067038 BB, US7058580 BB, US7052580 BB, US7045026 BB, US7041196 BB, US6887350 BB, US6861380 BB, US6861380 BA, US6861380 B1, US6849156 BB, US6841038 BB, US6841038 BA, US6841038 B1, US6808595 BA, US6752905 BB, US6752805 BB, US6617490 BA, US6576091 BA, US6576090 BA, US6548731 BB, US6534151 BB, US6534151 BA, US6534151 B1, US6518479 BA, US6451099 BA, US6368609 BA, US6361654 BA, US6328850 BA, US6277241 BA, US6241850 BA, US6214146 BA, US6207012 BA, US6193847 BA, US6171447 BA, US6171447 B1, US6171442 BA, US6171442 B1, US6139686 A, US6129815 A, US6117270 A, US6110848 A, US6110324 A, US6103061 A, US6100848 A, US6060149 A, US6039839 A, US6030690 A, US6017417 A, US5990377 A, US5989682 A, US5972813 A, US5961757 A, US5935880 A, US5916507 A, US5906710 A, US5893965 A, US5888347 A, US5885421 A, US5861082 A, US5855739 A, US5846379 A, US5843279 A, US5830321 A, US5817377 A, US5814190 A, US5804036 A, US5795440 A, US5776311 A, US5776307 A, US5746887 A, US5744007 A, US5743279 A, US5741402 A, US5718806 A, US5709775 A, US5693187 A, US5674663 A, US5672248 A, US5667636 A, US5654076 A, US5643653 A, US5637194 A, US5629052 A, US5624790 A, US5614061 A, US5609725 A, US5582685 A, US5580423 A, US5575874 A, US5569358 A, US5566724 A, US5556509 A, US5554467 A, US5549790 A, US5538595 A, US5534362 A, US5534326 A, US5529664 A, US5527428 A, US5516580 A, US5514523 A, US5503715 A, US5500277 A, US5496624 A, US5494554 A, US5443691 A, US5429686 A, US5425987 A, US5409572 A, US5405499 A, US5405199 A, US5389202 A, US5364504 A, US5350624 A, US5334289 A, US5328565 A, US5294475 A, US5284703 A, US5277761 A, US5260171 A, US5245025 A, US5204173 A, US5180620 A, US5179729 A, US5178729 A, US5167765 A, US5167764 A, US5102501 A, US5098522 A, US5094717 A, US4942077 A, US4919756 A, US4808467 A, US4755421 A, US4741941 A, US4637859 A, US4529480 A, US4528239 A, US4514345 A, US4487796 A, US4486268 A, US4440697 A, US4440597 A, US4300981 A, US4239065 A, US4208459 A, US4202959 A, US4191609 A, US4166001 A, US4012281 A, US3994771 A, US3984898 A, US3974025 A, US3947315 A, US3879257 A, US3821068 A, US3812000 A, US3573164 A, US3558429 A, US3556907 A, US3473576 A, US3414459 A, US3301746 A, US3116199

A, US3034180 A, US2999788 A, US2113431 A, US2007232180 AA, US2006180287 AA, US2006175030 AA, US2006108047 AA, US2006108046 AA, US2004157767 AA, US2004157524 AA, US2004157515 AA, US2004154769 AA, US2004154768 AA, US2004154767 AA, US2004154763 AA, US2004112558 AA, US2004087237 AA, US2004079500 AA, US2003180287 AA, US2002180092 AA, US2002170690 AA, US2002155772 AA, US2002112830 AA, US2002018092 AA, US2002007169 AA, US2001024716 AA, JP9506937, JP7502077, JP56159400, JP2002360476, JP2001521590, JP11514052, JP10508662, EP1236827 A1, EP0616074 A1, EP0080382 B1, EP0080382,

0) US2003130641A – ABSORBENT GARMENT HAVING A WEAKENED REGION

66) Family number: 28826421 (US2003130641A) © PatBase

Title: ABSORBENT GARMENT HAVING A WEAKENED REGION

Priority: US20010032701 20011228 WO2002US39575 20021210

Family:

Publication number	Publication date	Application number	Application date
AR038069 AA	20041222	AR2002P105099	20021226
AU2002363988 AA	20030724	AU20020363988	20021210
BRPI0214591 A	20060606	BR2002PI14591	20021210
CA2470418 AA	20040621	CA20022470418	20021210
CN1607931 A	20050420	CN20028026175	20021210
EP1458322 A2	20040922	EP20020798506	20021210
IL161947 A0	20051120	IL20020161947	20021210
JP2005532084 T2	20051027	JP20030557462T	20021210
KR20040068349 A	20040730	KR20047010085	20021210
MXPA04006213 A1	20041101	MX2004PA06213	20021210
RU2004123254 A	20050520	RU20040123254	20021210
TW200400022 A	20040101	TW20020137494	20021226
TWI220649 B	20040901	TW20020137494	20021226
US2003130641 AA	20030710	US20010032701	20011228
WO03057102 A2	20030717	WO2002US39575	20021210
WO03057102 A3	20031030	WO2002US39575	20021210

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC

Assignee(s): RICHLEN SANDRA A ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; VAN GOMPEL PAUL T ; GOMPEL PAUL T VAN

Inventor(s):(std)**:** RICHLEN SANDRA A ; SANDRA A RICHLEN ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; GOMPEL PAUL T VAN ; GOMPEL PAUL VAN R ; VAN GOMPEL PAUL T ; SUZANNE SCHMOKER ; SCHMOKER SUZANNE MARIE ; GOMPEL PAUL THEODORE VAN

Inventor(s): SANDRA A.RICHLEN ; PAUL THEODORE VAN GOMPEL ; PAUL T. VAN GOMPEL ; SUZANNE MARIE SCHMOKER ; SUZANNE M SCHMOKER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44 (Advanced/Invention);
A61F13/15 A61F13/496 (Advanced/Non–invention);
A61F13/00 A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7):	A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44
CPC:	A61F13/15203 A61F13/496
European class:	A61F13/15J A61F13/496
US class:	604/385.01 604/385.010P 604/386 604/386S
Classification Explorer	
Cited documents:	WO9611656 A1, US6508797 BA, US6395211 BA, US6394991 BA, US6368689 BA, US6009558 A, US5989236 A, US5843057 A, US5704566 A, US5562964 A, US5074854 A, US4561579 A, US4217327 A, US3842838 A, US3835754 A, US2003132549 AA, EP0570980 A1, EP0187728 A2,

0) US2008245923A – MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS ...

67) Family number: 33602443 (US2008245923A) © PatBase

Title:	MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEBLIKE MATERIAL TOGETHER WITH A WINDING CORE AND ROLL THUS OBTAINED
Priority:	EP20060745305 20060427 IT2005FI00088 20050502 WO2006IT00287 20060427

Family:

Publication number	Publication date	Application number	Application date
DE602006034753 D1	20130418	DE200660034753T	20060427
EP1888441 A2	20080220	EP20060745305	20060427
EP1888441 B1	20130227	EP20060745305	20060427
ES2406057 T3	20130605	ES20060745305T	20060427
ITFI20050088 A1	20061103	IT2005FI00088	20050502
US2008245923 AA	20081009	US20060919674	20060427
US7887003 BB	20110215	US20060919674	20060427
WO06117820 A2	20061109	WO2006IT00287	20060427
WO06117820 A3	20070419	WO2006IT00287	20060427

Probable Assignee:	FABIO PERINI SPA
Assignee(s):(std):	BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA
Assignee(s):	FABIO PERINI S P A ; FABIO PERINI SPA
Inventor(s):(std):	BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO
Inventor(s):	MAZZACCHERINI GRAZIANO I 55016 PORCARI ; MADDALENI ROMANO I 56031 BIENTINA
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
International class (IPC 8–9):	B65H19/22 B65H19/26 B65H19/28 B65H35/02 B65H39/14 B65H75/18 (Advanced/Invention); B65H19/22 B65H75/18 (Core/Invention)
CPC:	B65H19/286 B65H19/2276 B65H19/2269 B65H19/267 B65H35/02 B65H39/14 B65H2301/41429 B65H2408/235 B65H2513/104 B65H2701/1846
European class:	B65H19/22B6 B65H19/22C B65H19/26C B65H35/02 B65H39/14 L65H301/41429 L65H408/235 L65H513/104 L65H701/1846
US class:	242/532.3 242/535.1 242/610.1 242/610.100P

Classification Explorer

Cited documents: US6695458 BB, US6595458 BA, US6394385 BA, US5979818 A, US5873806 A, US5468207 A, US5344091 A, US4807825 A, US3942418 A, US3636827 A, US3220320 A, US3150575 A, US3013367 A, US2003116674 AA, EP0639520 A1,

0) US2004162539A – INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

68) Family number: 33495772 (US2004162539A) © PatBase

Title: INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

Priority: JP20010152403 20010522 JP20020016191 20020124 WO2002JP04882 20020521

Family:

Publication number	Publication date	Application number	Application date
AT469625 E	20100615	AT20020771743T	20020521
AU2002308831 AA	20021203	AU20020308831	20020521
BRPI0210038 A	20040504	BR2002PI10038	20020521
BRPI0210038 B1	20111129	BR2002PI10038	20020521
CA2446002 AA	20031030	CA20022446002	20020521
DE60236598 D1	20100715	DE20026036598	20020521
EP1413272 A1	20040428	EP20020771743	20020521
EP1413272 A4	20041006	EP20020771743	20020521
EP1413272 B1	20100602	EP20020771743	20020521
EP1413272 B9	20100922	EP20020771743	20020521
HK1068242 A1	20070601	HK20050100518	20050120
HK1068242 A3	20050429	HK20050100518	20050120
IN01431KN2003 A	20060310	IN2003KN01431	20031106
IN225418 B	20081114	IN2003KN01431	20031106
JP2002094146 A1	20040902	JP20020590870T	20020521
JP4230779 B1	20090225	JP20020590870T	20020521
JP4230779 B2	20090225	JP20020590870T	20020521
TH54226 A	20021129	TH20021001859	20020522
US2004162539 AA	20040819	US20030705673	20031110
US7601146 BB	20091013	US20030705673	20031110
VN7415 A1	20090126	VN20030000985	20020521

Probable Assignee: UNI CHARM CORP

Assignee(s):(std)**:** UNI CHARM CORP

Assignee(s): YAMAKI KOICHI ; MIZUTANI SATOSHI ; NODA YUKI ; SAKAI AKANE ; TOKUMOTO MEGUMI ; UNI CHARM CO LTD

Inventor(s):(std)**:** YUKI NODA ; YAMAKI KOICHI ; TOKUMOTO MEGUMI ; SATOSHI MIZUTANI ; SAKAI AKANE ; NODA YUKI ; MIZUTANI SATOSHI ; MEGUMI TOKUMOTO ; KOICHI YAMAKI ; AKANE SAKAI ; YAMAKI K ; TOKUMOTO M ; MIZUTANI S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/20 A61F13/472 A61F13/551 A61F13/56 A61F13/82 A61F13/84 A61F15/00 (Advanced/Invention);
A61F13/472 (Advanced/Non–invention);
A61F13/15 A61F13/56 A61F15/00 (Core/Invention);
A61F (Subclass/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/472 A61F13/551

CPC: A61F13/15252 A61F13/4702 A61F13/4704 A61F13/55165 A61F13/5517 A61F13/5519 A61F2013/15235 A61F2013/15357 A61F2013/53445 A61F2013/8497

European class: A61F13/15B1B A61F13/15B1B3 A61F13/15E2 A61F13/15H A61F13/15J A61F13/551D2 A61F13/551D4 A61F13/551H K61F13/15J2E K61F13/15J4 K61F13/15J8C K61F13/47A K61F13/47B K61F13/534C K61F13/84G

US class: 604/385.01 604/385.02 604/385.020P 604/385.03 604/385.17 604/387

Classification Explorer

Cited documents: WO9956689 A1, WO9956681 A2, WO9926575 A1, WO9926574 A1, WO9925295 A1, WO99026575, WO99026574, WO99025295, WO9901096 A1, WO9901093 A1, WO99001096, WO9602217 A1, WO9517148 A2, WO9500094 A1, WO9422405 A1, WO9211825 A1, WO0147458 A1, WO0040192 A1, USD404814 S1, US6918392 BB, US6698928 BB, US6687911 BB, US6309104 BA, US6183457 BA, US6131736 B1, US6131736 A, US6131736, US6131575 A, US6036679 A, US5916205 A, US5891126 A, US5868727 A, US5839648 A, US5025503 A, US4735316 B1, US4735316 A, US4677697 A, US4595932 A, US4595392 A, US4556146 A, US2001049838 AA, US1587280 A, TW524677 B, TW524677, TW470640 B, TW470640, TW454503 B, TW454503, TW450802 B, TW450802, TW442278 B, TW442278, TW416847 B, TW416847, TW394681 B, TW394681, TW386872 B, TW386872, TW386060 B, TW386060, TW338315 B, TW338315, TW294591 B, TW294591, TW247431 B, TW247431, JP8215242 A2, JP8215242 A1, JP8047506 A2, JP8047506 A1, JP8047506, JP7323045 A2, JP7323045, JP7096001 A2, JP7096001 A1, JP7096001, JP6506368 T2, JP6506368 A1, JP640203, JP63260556 A2, JP63154023 U1, JP63154023 U, JP63154023 U, JP62009450 A2, JP62009450 A1, JP61232845 A2, JP61232845 A1, JP61164974 A2, JP61164974, JP61108258 A2, JP6040203 A2, JP5293138 A2, JP5237151 A2, JP493722, JP49003722 A2, JP356366, JP3056366 A2, JP2534163 B2, JP2534163, JP2002513633 T2, JP2002513633 A1, JP2001509402 T2, JP2001087306 A2, JP2001087306, JP2000051267 A2, JP11104167 A2, JP11104167 A1, JP11104167, JP10127688 A2, JP10127688 A1, JP10127688, FR2703244 A1, EP0888764 A1, CN1268040 A,

0) US2008271864A – SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING A...

69) Family number: 42458977 (US2008271864A) © PatBase

Title: SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING AGENT APPLIED ONTO A SURFACE THEREOF

Priority: US20070799890 20070503 US20070982611 20071102 WO2008IB51642 20080428 WO2008IB51643 20080428

Family:

Publication number	Publication date	Application number	Application date
CA2686724 AA	20091029	CA20082686724	20080428
CA2686793 AA	20091106	CA20082686793	20080428
MX2009011279 A1	20091030	MX20090011279	20080428
MX2009012001 A1	20091119	MX20090012001	20080428
US2008271864 AA	20081106	US20070982611	20071102
US2008271867 AA	20081106	US20070799890	20070503
WO08135900 A2	20081113	WO2008IB51642	20080428
WO08135900 A3	20090409	WO2008IB51642	20080428
WO08135901 A2	20081113	WO2008IB51643	20080428
WO08135901 A3	20090409	WO2008IB51643	20080428

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std): DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER and GAMBLE COMPANY

Inventor(s):(std)**:** DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN

Inventor(s): CHRISTOPHER GERALD DONNER ; JOHN ALLEN MANIFOLD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H11/00 D21H17/13 D21H17/45 D21H21/14 D21H21/22 (Advanced/Invention); D21H11/00 D21H17/00 D21H21/14 D21H21/22 (Core/Invention)

CPC: D21H17/07 D21H21/22 D21H21/24 D21H23/50 D21H27/002 D21H19/12 D21H19/32 D21H27/005 D21H27/30

European class: D21H21/22 D21H27/00D2B D21H27/30 N21H17/07 N21H19/12 N21H19/32 N21H21/24 N21H23/50 N21H27/00D

US class: 162/158 162/181.1 162/181.6

Classification Explorer

Cited documents: WO9619616 A1, WO07025095 A1, WO04035923 A2, WO0248458 A1, WO0022233 A1, WO0022231 A1, US7432309 BB, US7311853 BB, US6872342 BB, US6755939 BB, US6706410 BB, US6607637 BA, US6547928 BB, US6420013 BA, US6179961 BA, US6162329 A, US6126784 A, US5814188 A, US5611890 A, US5552020 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5415737 A, US5246545 A, US5215626 A, US5059282 A, US4981557 A, US4364837 A, US4300981 A, US4166001 A, US3994771 A, US3964500 A, US2826551 A, US2004082668 AA, US2004057982 AA, US2003127206 AA,

0) US2005167061A – PAPER MACHINE DEWATERING SYSTEM

70) Family number: 32122863 (US2005167061A) © PatBase

Title: PAPER MACHINE DEWATERING SYSTEM

Priority:

CA20052554365	20050119	CA20052771007	20050119	CA20052804938	20050119
EP20050701545	20050119	US20040581500P	20040621	US20040768423	20040130
US20040580663P	20040617	US20040581500P	20040617	CA20122554365	20120326
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Family:

Publication number	Publication date	Application number	Application date
BRPI0506499 A	20070403	BR2005PI06499	20050119
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US8236140 BB	20120807	US20100731737	20100325
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WO05075736 A3	20051006	WO2005EP50198	20050119

Probable Assignee: VOITH PATENT GMBH

Assignee(s):(std)**:** FOJT PATENT GMBKH ; HERMAN JEFFREY ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; VOITH FABRICS PATENT GMBH ; WALKENHAUS HUBERT ; SILVA LUIZ CARLOS ; VOITH PATENT GMBH ; VOITH PAPER PATENT GMBH ; SILVA LUIS CARLOS

Inventor(s):(std)**:** CARLOS SILVA LUIZ ; CARLOS THOMAS SCHERB THOR E WA ; HERMAN JEFFREY ; HUBERT WALKENHAUS ; JEFFREY HERMAN ; LUIZ CARLOS SILVA ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; SILVA LUIZ CARLOS ; THOMAS SCHERB THOR E ; WALKENHAUS HUBERT ; VAL KENKHAUS KHUBERT ; SILVA LUIS KARLOS ; SHERB TOMAS TORE ; KHERMAN DZHEFFRI ; SILVA LUIS CARLOS ; SCHERB THOMAS

Inventor(s): THOMAS THOROEE SCHERB ; THOMAS SCHERB THOR E WALKENHAUS HUBERT HERMAN JEFF ; VAL'KENKHAUS KHUBERT ; THOMAS SCHERB THOR 247 E ; SILVA LUIZ ; SILVA LUIS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B30B5/04 B30B9/24 B32B25/10 D04H1/46 D06F58/00 D21F1/00 D21F1/10 D21F1/48 D21F11/00 D21F3/00 D21F3/02 D21F3/04 D21F3/08 D21F3/10 D21F5/00 D21F5/02 D21F5/14 D21F5/18 D21F7/08 D21F7/12 D21G9/00 F26B13/26 F26B13/30 F26B3/00 F26B9/00 (Advanced/Invention); B30B5/00 B32B25/00 D04H1/46 D06F58/00 D21F1/00 D21F1/48 D21F11/00 D21F3/00

D21F3/02 D21F5/00 D21F7/08 F26B13/00 F26B3/00 F26B9/00 (Core/Invention)

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CPC: D21F1/0036 D21F1/0063 D21F1/0072 D21F1/48 D21F3/0209 D21F3/0227 D21F3/0272 D21F7/083 Y10S162/90 Y10S162/901 Y10S162/902 D21F5/182 D21F5/184 D21F11/006 F26B13/16 F26B13/103 F26B13/28

European class: D21F1/00E2 D21F1/00E4 D21F1/00E5 D21F1/48 D21F11/00E D21F3/02B D21F3/02B2B D21F3/02C D21F5/18B D21F5/18B2 D21F7/08B F26B13/10B F26B13/16 F26B13/24

US class: 100/118 100/151 100/153 162/115 162/117 162/204 162/205 162/206 162/207 162/210 162/217 162/289 162/289S 162/297 162/297S 162/348 162/358.1 162/358.100S 162/358.2 162/358.200S 162/358.3 162/358.300P 162/358.4 162/358.400P 162/358.5 162/363 162/364 162/368 162/900 162/901 162/902 264/171.24 264/171.240S 28/107 28/107S 34/114 34/115 34/116 34/118 34/118S 34/122 34/123 34/130 34/399 34/400 34/406 34/444 34/452 34/453 34/453P 34/618 34/618S 34/635 34/92 34/92S 34/95

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0) US2002122953A – MODIFIED RUBBER–BASED ADHESIVES

71) Family number: 30274229 (US2002122953A) © PatBase

Title: MODIFIED RUBBER–BASED ADHESIVES

Priority:

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Family:

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Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE ; KIMBERLY CLARK WORLDWIDE INC ; ZHOU PEIGUANG ; BLENKE TIMOTHY J ; BLENKE TIMOTHY JAMES ; GARRETT LANCE J

Inventor(s):(std)**:** BLENKE TIMOTHY J ; GARRETT LANCE J ; GARRETT LANCE J JR ; KIMBERLY CLARK WORLDWIDE INC ; PEIGUANG ZHOU ; TIMOTHY JAMES BLENKE ; ZHOU PEIGUANG ; ZHOU PEIGUNG ; GARRETT JR LANCE J ; BLENKE TIMOTHY JAMES

Inventor(s): BLENKE TIMOTHY ; LANCE J GARRETT ; LANCE J GARRETT JR ; LANCE J JR GARRETT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW

HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61L15/58 B32B15/04 B32B25/04 B32B27/04 B32B27/06 B32B27/08 B32B27/12 B32B27/32 B32B3/00 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08F10/00 C08F8/00 C08L23/00 C08L23/04 C08L23/06 C08L23/10 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J153/00 C09J153/02 D04H13/00 D04H3/16 (Advanced/Invention); A61L15/58 B32B37/12 C09J121/00 (Advanced/Non–invention); B32B25/00 B32B27/08 B32B27/32 B32B5/02 B32B5/04 B32B5/22 B32B7/12 C08F8/00 C08L23/00 C09J121/00 C09J123/00 C09J153/00 D04H3/16 (Core/Invention); B32B37/12 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/20 B29C31/00 B32B1/00 B32B15/08 B32B23/08 B32B25/04 B32B25/04 B32B27/00 B32B27/02 B32B27/08 B32B27/12 B32B27/30 B32B27/32 B32B3/00 B32B31/00 B32B31/08 B32B5/02 B32B5/04 B32B5/04 B32B5/06 B32B5/26 B32B9/04 B65H81/00 C08J3/00 C08K3/26 C08L15/00 C08L23/00 C08L23/04 C08L23/10 C08L25/08 C08L51/08 C08L91/08 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J123/22 C09J153/00

CPC: Y10T428/27 Y10T428/273 Y10T428/28 Y10T428/192 B32B27/32 C08L23/06 C09J123/06 C09J123/20 C09J123/16 Y10T428/31855 Y10T428/31917 Y10T428/31931 Y10T428/31938 Y10T442/681 Y10T428/31659 Y10T428/31681 Y10T428/31692 Y10T442/601 Y10T442/659 Y10T442/668 Y10T442/671 Y10T428/3188 Y10T428/31913 Y10T442/20 Y10T442/2361 Y10T442/2738 Y10T442/2746 Y10T442/277 Y10T442/2861 Y10T442/2893 Y10T442/291 Y10T442/2918 Y10T442/3667 Y10T442/3707 Y10T442/3854 Y10T442/60 Y10T442/66 Y10T442/674 Y10T442/2754 Y10T442/2787 B32B5/02 B32B25/04 B32B37/12 B32B2307/51 C08L23/10 C08L2205/02 C08L2207/14 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/142 C09J153/02 B32B5/022 B32B5/024 B32B2305/188 B32B2323/043 B32B2323/10 B32B2325/00 B32B2437/00 B32B2555/02 B32B2323/04 B32B2375/00 B32B7/12 B32B5/04 B32B5/26 B32B2037/1215 B32B2305/20 C09J153/00

European class: B32B25/04 B32B27/32 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08L23/06 C08L23/10 C09J123/02 C09J123/06 C09J123/10 C09J123/12 C09J123/14 C09J123/14A C09J123/16 C09J123/20 C09J153/00 C09J153/02 L32B305/20 L32B307/510 L32B31/00A8B L32B37/12 L32B37/12B2 M08L205/02 M08L207/14 M08L23/06 M08L23/10

US class: 156/161 156/161S 156/164 156/164S 156/229 156/229S 156/289 156/292 156/327 156/334 156/358 428/340 428/340P 428/341 428/341S 428/343 428/445 428/458 428/461 428/500 428/500P 428/500S 428/507 428/507S 428/516 428/516S 428/517 428/517P 428/521 428/521S 428/523 428/523P 428/523S 428/58 442/103 442/149 442/150 442/151 442/153 442/155 442/164 442/168 442/170 442/171 442/263 442/268 442/286 442/327 442/327P 442/328 442/381 442/382 442/389 442/392 442/394 442/401 442/59 442/59P 523/111 523/176 524/425 524/477 524/478 524/584 524/584S 525/191 525/24 525/240 525/240P 525/240S 525/241 525/241S 525/35 525/55 525/55S 525/63 525/63S 604/366 604/366P 604/367 604/37 604/370 604/370S 604/372 604/374 604/385.22 604/385.220S 604/385.24 604/385.240S

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A, US5498463 A, US5496298 A, US5490846 A, US5486166 A, US5482761 A, US5478891 A, US5472792 A, US5468428 A, US5468320 A, US5434004 A, US5397846 A, US5389846 A, US5364382 A, US5344691 A, US5336545 A, US5336446 A, US5334446 A, US5234422 A, US5226992 A, US5219633 A, US5213881 A, US5211792 A, US5192606 A, US517668 A, US5176672 A, US5176668 A, US5171239 A, US5110403 A, US5096532 A, US5026752 A, US4998928 A, US4965122 A, US4949668 A, US4949464 A, US4940464 A, US4939202 A, US4937138 A, US4881683 A, US4857594 A, US4833192 A, US4826909 A, US4824889 A, US4823783 A, US4798603 A, US4784892 A, US4777073 A, US4774292 A, US4762520 A, US4761450 A, US4719261 A, US4718898 A, US4713068 A, US4704116 A, US4668230 A, US4663220 A, US4654040 A, US4650481 A, US4641381 A, US4610681 A, US4573991 A, US4568713 A, US4554304 A, US4493868 A, US4486192 A, US4460728 A, US4437860 A, US4366292 A, US4340563 A, US4300967 A, US4296750 A, US4259220 A, US4221969 A, US4221696 A, US4186258 A, US4178272 A, US4143858 A, US4120916 A, US4112208 A, US4077410 A, US4072735 A, US4041203 A, US4022728 A, US4013816 A, US3982051 A, US3909009 A, US3900694 A, US3887442 A, US3877442 A, US3862068 A, US3850858 A, US3849241 A, US3802817 A, US3717601 A, US3692618 A, US3686107 A, US3636861 A, US3635861 A, US3635107 A, US3634546 A, US3542615 A, US3502763 A, US3502538 A, US3502358 A, US3492372 A, US3370106 A, US3341394 A, US3338992 A, US3325562 A, US2004127123 AA, US2003092813 AA, US2003092792 AA, US2002177376 AA, US2002124956 AA, US2002123726 AA, US2002123538 AA, US2002122953 AA, US2002098353 AA, US2002098353, US2002064839 AA, US2002064639 AA, US2002039637 AA, US2002039637, US2002019187 AA, US2002019187, US2002010265 AA, US2002010265, US2001010990 AA, JP63303109, JP63303109, JP6281470, JP62081470 A2, JP62081470, JP62081470, JP200314068, JP2000314068, JP2000314068, JP2000262202 A2, JP11290381, JP11290381, JP1111016, JP1111016, JP1111016, JP10168726, JP10168726, JP1016726, JP10086256, JP10086256, GB1159601 A, EP1050612 A1, EP1050612, EP1039007 A1, EP1039007, EP0758675 A2, EP0758675, EP0611801 B1, EP0527589 B1, EP0315013 A2, EP0315013, EP0285430 A2, EP0285430, EP0217032 A2, EP0217032, EP0205242 B2, EP0205242 B1, EP0205242, EP0205242, DE69404495 T2, DE69225749 T2, DE2848448 C2, DE19838507 C2, DE1594261 A1, CA803714, CA2056812 AA,

0) US2002148584A – WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBE...

72) Family number: 28322066 (US2002148584A) © PatBase

Title: WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBENT SHEET AND NOVEL FIBROUS PRODUCTS

Priority:

CA20022367616	20020111	CA20102367616	20100928	US20060548014	20061010
US20040806792	20040323	US20020042513	20020109	US20010261879P	20010112

Family:

Publication number	Publication date	Application number	Application date
CA2367616 AA	20020712	CA20022367616	20020111
CA2367616 C	20101221	CA20022367616	20020111
CA2713301 AA	20020712	CA20022713301	20020111
CA2713301 C	20150922	CA20022713301	20020111
US2002148584 AA	20021017	US20020042513	20020109
US2004226673 AA	20041118	US20040806792	20040323
US2007107863 AA	20070517	US20060548014	20061010
US6752907 BB	20040622	US20020042513	20020109
US7160418 BB	20070109	US20040806792	20040323
US7691228 BB	20100406	US20060548014	20061010

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; GEORGIA PACIFIC CONSUMER PROD ; WENDT GREG A ; SUPER GUY H ; WORRY GARY L ; WIELEN MICHAEL J VANDER

Assignee(s):

	GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; MCDOWELL JEFFREY C ; MCCULLOUGH STEPHEN J ; VANDER WIELEN MICHAEL J ; MARINACK ROBERT J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; EDWARDS STEVEN L ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD
Inventor(s):(std)	EDWARDS STEVEN L ; MARINACK ROBERT J ; MCCULLOUGH STEPHEN J ; MCDOWELL JEFFREY C ; SUPER GUY H ; VANDER WIELEN MICHAEL J ; WENDT GREG A ; WORRY GARY L ; WIELEN MICHAEL J VANDER
Inventor(s):	WORRY GARY ; WENDT GREG ; VANDER WIELEN MICHAEL ; SUPER GUY ; MCDOWELL JEFFREY ; MCCULLOUGH STEPHEN ; MARINACK ROBERT ; EDWARDS STEVEN
International class (IPC 8–9):	A47K10/16 B31F1/12 B31F1/14 B31F1/16 D21F11/14 D21F3/02 D21F5/02 D21F5/06 D21F5/18 D21F9/00 D21G9/00 D21H11/14 D21H15/00 D21H25/00 D21H27/14 D21H27/40 (Advanced/Invention) ; D21H27/14 (Advanced/Non–invention)
International class (IPC 1–7):	D21F5/00 D21F5/02 D21F5/08 D21F5/18 D21H25/10 D21H27/00
CPC:	Y10T428/24455 D21F11/14 D21F3/0218 D21F5/181 D21F5/182 D21F11/145 D21G3/04 D21G9/0063 D21H25/005
European class:	D21F11/14 D21F11/14B D21F3/02B2 D21F5/18A D21F5/18B D21G3/04 D21G9/00C D21H25/00B N21H25/00B
US class:	162/100 162/100S 162/109 162/111 162/111S 162/115 162/141 162/141S 162/146 162/146S 162/147 162/147S 162/204 162/207 162/207S 428/153 428/153S
Classification Explorer	
Cited documents:	WO9609435 A1, USRE28459 E, US6808790 BB, US6808790 BA, US6436234 BA, US6432267 BA, US6273996 BA, US6210528 BA, US6187139 BA, US6187137 BA, US6119362 A, US6036820 A, US6001421 A, US5990377 A, US5968590 A, US5895380 A, US5891309 A, US5865955 A, US5851353 A, US5738760 A, US5672248 A, US5607551 A, US5512139 A, US5510002 A, US5505818 A, US5495678 A, US5494554 A, US5411636 A, US5336373 A, US5232555 A, US5200035 A, US5164045 A, US4764253 A, US4689119 A, US4543156 A, US4529480 A, US4462868 A, US4448638 A, US4443299 A, US4440597 A, US4356059 A, US4225382 A, US4102737 A, US4016030 A, US3994771 A, US3507745 A, US3432936 A, US3301746 A, US2004055694 AA, US2003135181 AA, GB2303647 A1, EP0484101 A2, DE4216264 A1, CA2241820 AA, CA2197485 AA, CA2053505 AA,

0) US2011134651A – RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN...

73) Family number: 48241988 (US2011134651A) © PatBase

Title:	RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN INSULATED ROOF PANELS

Priority:

US20020416666P	20021007	US20030679682	20031006	US20030679862	20031006
US20040563519P	20040419	US20040562025P	20040414	US20050101014	20050406
US20050108375	20050418	US20050108458	20050418	US20060402609	20060412
US20050104014	20050412	US20060451111	20060612	US20060808863P	20060526
US20050673492P	20050421	US20050693699P	20050624	US20090351581F	20091208
US20100311475P	20100308	US20100942233	20101109	US20090319508	20090108
US20070804246	20070516	US20120402003	20120222	US20120402040	20120222

US20120402031	20120222	US20120402119	20120222	US20120402011	20120222
US20100924233	20100923	US20140540193	20141113		

Family:

Publication number	Publication date	Application number	Application date
US2011134651 AA	20110609	US20100942233	20101109
US2012145342 AA	20120614	US20120402003	20120222
US2012145343 AA	20120614	US20120402040	20120222
US2012152475 AA	20120621	US20120402031	20120222
US2012160435 AA	20120628	US20120402119	20120222
US2012164407 AA	20120628	US20120402011	20120222
US2015068695 AA	20150312	US20140540193	20141113
US8394236 BB	20130312	US20120402003	20120222
US8398820 BB	20130319	US20120402031	20120222
US8603296 BB	20131210	US20120402119	20120222
US8673115 BB	20140318	US20120402040	20120222
US8911592 BB	20141216	US20120402011	20120222
US8950908 BB	20150210	US20100942233	20101109
US9279219 BB	20160308	US20140540193	20141113
USD632417 S1	20110208	US20090351581F	20091208

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERMAN DANIEL J ; BERMAN DANIEL JOSEPH ; CHOU HUNG LIANG ; DWIGGINS JOHN H ; EDWARDS STEVEN L ; GEORGIA PACIFIC CONSUMER PROD ; YEH KANG CHANG ; SUPER GUY H ; HARPER FRANK D ; MCCULLOUGH STEPHEN J ; REEB RONALD R

Assignee(s): EURAMAX INT INC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP

Inventor(s):(std)**:** BERMAN DANIEL JOSEPH ; YEH KANG CHANG ; SUPER GUY H ; REEB RONALD R ; MCCULLOUGH STEPHEN J ; HARPER FRANK D ; EDWARDS STEVEN L ; DWIGGINS JOHN H ; CHOU HUNG LIANG ; BERMAN DANIEL J

International class (IPC 8–9): B31F1/07 B31F1/12 B31F1/16 B32B3/10 D21F11/00 D21H11/00 D21H27/00 D21H27/30 D21H27/32 F21S8/02 F21V15/00 F21V15/01 F21V17/00 G09F7/18 (Advanced/Invention)

CPC: F21V15/013 F21S8/02 D21H27/30 D21H27/007 D21H27/005 Y10T428/24455 Y10T428/24479 Y10T428/24851

European class: D21H27/00D2B F21S8/02 F21V15/01E

US class: 1/1 156/183 162/100 162/100S 162/109 162/111 162/117 162/123 162/124 162/147 162/149 162/158 162/164.1 162/168.3 162/178 162/193 162/205 220/3.7 220/477 248/342 248/343 264/282 312/223.5 362/147 362/148 362/150 362/217.1 362/217.11 362/217.12 362/217.13 362/217.14 362/217.15 362/217.16 362/217.17 362/362 362/364 362/365 362/365P 362/374 362/648 428/153 428/156 428/201 428/201P 52/220.1 52/39 D26/74

Locarno class: 26/05

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US2008245492 AA, US2008236772 AA, US2008174993 AA, US2008173419 AA, US2008099169 AA, US2008083519 AA, US2008047675 AA, US2008035288 AA, US2008029235 AA, US2008008865 AA, US2008008860 AA, US2007204966 AA, US2007137807 AA, US2007107863 AA, US2007054986 AA, US2006289134 AA, US2006289133 AA, US2006245178 AA, US2006237154 AA, US2006062936 AA, US2006000567 AA, US2005279471 AA, US2005245669 AA, US2005241787 AA, US2005241786 AA, US2005236122 AA, US2005217814 AA, US2005201094 AA, US2005028954 AA, US2005006040 AA, US2004250969 AA, US2004238135 AA, US2004226673 AA, US2004211534 AA, US2004089168 AA, US2004074617 AA, US2004002502 AA, US2003153443 AA, US2003146581 AA, US2003121626 AA, US2003111195 AA, US2003102098 AA, US2003098134 AA, US2003056925 AA, US2003056923 AA, US2003056922 AA, US2003056921 AA, US2003056919 AA, US2003021952 AA, US2003000664 AA, US2002189775 AA, US2002187307 AA, US2002148584 AA, US2002134520 AA, US2002088577 AA, US2002062936 AA, US2002060036 AA, US2002005264 AA, US2001008180 AA, SU1771983 T, SU1601274 T, RU2182198 C2, RU2182198 C1, RU2141546 C1, RU1771983, JP2002292835 A2, EP1398413 A2, EP1356923 A1, EP0098683 A2, CA2053505,

0) US2013277388A – TISSUE PAPER SYSTEMS

74) Family number: 50950076 (US2013277388A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362449 AA	20120419	AU20100362449	20101011
CN103249342 A	20130814	CN201080070587	20101011
EP2627231 A1	20130821	EP20100768001	20101011
IN02968DN2013 A	20160401	IN2013DN02968	20130404
MX2013003950 A1	20130605	MX20130003950	20101011
RU2013121580 A	20141120	RU20130121580	20101011
TN2013000124 A1	20140625	TN20130000124	20130322
US2013277388 AA	20131024	US20100878899	20101011
WO12048726 A1	20120419	WO2010EP65195	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): RALPH BREMENKAMP ; MARCEL SCHMIDT ; BERTOLD ENGLER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D5/5425 B65D83/0805

European class: A47K10/42C B65D5/54B3B B65D83/08B

US class: 221/306

Classification Explorer

Cited documents: WO07130439 A2, WO0061458 A1, US7850038 BB, US7530472 BB, US5642836 A, US4416392 A, US3836044 A, US2013020346 AA, US2006054517 AA, US2005279757 AA, JP2006027694 A2, CN2803237 Y,

0) US2012160400A – METHOD OF INDIRECT APPLICATION OF FROTHED CHEMI...

75) Family number: 51344701 (US2012160400A) © PatBase

Title: METHOD OF INDIRECT APPLICATION OF FROTHED CHEMISTRY TO A SUBSTRATE

Priority:

AU20110350703	20111221	AU20170202144	20170331	US20100979852	20101228
US20110330440	20111219	US20110330504	20111219	US20120461536	20120501
US20120481366	20120525	WO2011IB55867	20111221	WO2011IB55865	20111221
US20120718709	20121218	US20130106101	20131213	US20130109632	20131217
WO2013IB52826	20130409	US20140575502	20141218	WO2013IB60305	20131121
WO2014IB66598	20141204	WO2014IB66600	20141204		

Family:

Publication number	Publication date	Application number	Application date
AU2011350703 AA	20120705	AU20110350703	20111221
AU2011350704 AA	20120705	AU20110350704	20111221
AU2013264859 AA	20131128	AU20130264859	20130409
AU2013264859 BB	20160526	AU20130264859	20130409
AU2013365884 AA	20140626	AU20130365884	20131121
AU2014363016 AA	20150618	AU20140363016	20141204
AU2014369303 AA	20150625	AU20140369303	20141204
AU2017202144 AA	20170420	AU20170202144	20170331
BR112013016334 A2	20161004	BR20131116334	20111221
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CN103270213 A	20130828	CN201180061903	20111221
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CN104349796 A	20150211	CN201380027492	20130409
CN104349796 B	20170811	CN201380027492	20130409
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CN105793481 A	20160720	CN201480065001	20141204
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KR20150013552 A	20150205	KR20147032414	20130409	
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MX2013007110 A1	20130815	MX20130007110	20111221	
MX2013007111 A1	20130815	MX20130007111	20111221	
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MX2015007369 A1	20151014	MX20150007369	20131121	
MX2016007363 A1	20160819	MX20160007363	20141204	
MX2016007471 A1	20160803	MX20160007471	20141204	
RU2013133791 A	20150210	RU20130133791	20111221	
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RU2624510 C2	20170704	RU20140149680	20130409	
US2012160400 AA	20120628	US20100979852	20101228	
US2012164200 AA	20120628	US20110330440	20111219	
US2012214373 AA	20120823	US20120461536	20120501	
US2012289917 AA	20121115	US20120481366	20120525	
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US2014099469 AA	20140410	US20130106101	20131213	
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US2015140273 AA	20150521	US20140575502	20141218	
US8916012 BB	20141223	US20110330440	20111219	
WO12090129 A2	20120705	WO2011IB55865	20111221	
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WO12090130 A3	20121122	WO2011IB55867	20111221	
WO13175322 A1	20131128	WO2013IB52826	20130409	
WO14097017 A1	20140626	WO2013IB60305	20131121	
WO15087215 A1	20150618	WO2014IB66598	20141204	
WO15092596 A1	20150625	WO2014IB66600	20141204	

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** ABUTO FRANK P ; CALEWARTS DEBORAH J ; CALEWARTS DEBORAH JOY ; CAMPBELL STEPHEN M ; DAY JENNY L ; KIMBERLY CLARK WORLDWIDE INC ; JURENA JEFFREY F ; DESAI KEYUR M ; JERENA JEFFREY F ; KIMBERLY CLARK CO ; JACKSON DAVID M ; KIMBERLY CLARK CORP ; KIMBERLY CLARK CO LTD ; KIMBERLI KLARK VORLDVAJD INK ; QIN JIAN ; WALDROUP DONALD E

Assignee(s): KIMBERY CLARK WORLDWIDE INC

Inventor(s):(std)**:** ABUTO FRANCIS P ; ABUTO FRANK P ; ABUTO FRANK PAUL ; ABUTO FRENK P ; ABUTO FRENSIS P ; BIGGS DAVID G ; DAVID G BIGGS ; DEBORAH JOY CALEWARTS ; DEJ DZHENNI L ; DESAJ KEYUR M ; DONALD EUGENE WALDROUP ; DZHURENA DZHEFFRI F ; FAULKS MICHAEL J ; KHAMMONDS IVETT L ; KRAUTKRAMER CANDACE D ; KRAUTKREMER KENDASI D ; LOJD EDRIENN R ; LOYD ADRIENNE R ; MICHAEL J FAULKS ; RAY A STERLING ; SHAWVER SUSAN E ; SHOUVER SYUZAN E ; TSIN TSZYAN ; UOLDROUP DONALD E ; UOLDRUP DONALD E ; VIRGINIA LEE DAY ; WALDROUP DONALD EUGENE ; HAMMONDS YVETTE L ; JABLONS DAVID M ; JIAN QIN ; KEJLUORTS DEBORA DZH ; KEYUR DESAI ; DAY JENNY L ; DAY VIRGINIA LEE ; STERLING RAY A ; JERENA JEFFREY F ; HAM

MONDS YVETTE L ; FRANK PAUL ABUTO ; DESAI KEYUR ; CAMPBELL STEPHEN M ; CALEWARTS DEBORAH JOY ; CALEWARTS DEBORAH ; CALE WARTS DEBORAH J ; WALDROUP DONALD E ; QIN JIAN ; JURENA JEFFREY F ; JACKSON DAVID M ; DESAI KEYUR M ; CALEWARTS DEBORAH J ; DAY JENNY

Inventor(s): CANDACE D KRAUTKRAMER ; ADRIENNE R LOYD ; DEBORAH CALEWARTS ; FRANCIS P ABUTO ; JENNY DAY ; DEBORAH J CALEWARTS ; KEYUR M DESAI ; JEFFREY F JURENA ; JENNY L DAY ; YVETTE L HAMMONDS ; SUSAN E SHAWVER ; FRANK P ABUTO ; DONALD E WALDROUP ; DAVID M JABLONS ; DAVID M JACKSON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/51 A61F13/514 A61F13/53 A61F13/84 A61K8/02 A61K8/04 A61K9/70 A61L15/22 A61L15/26 A61L15/42 A61L15/44 A61L15/46 B31F1/12 B32B27/12 B32B29/06 B32B3/10 B32B37/02 B32B37/12 B32B37/14 B32B38/00 B32B38/10 B32B5/02 B32B5/20 B32B5/24 D01F1/10 D04H1/413 D04H1/425 D04H1/4258 D04H1/4291 D04H1/4382 D04H1/46 D04H1/492 D04H1/498 D04H1/56 D04H1/587 D04H1/64 D04H1/68 D04H1/72 D04H1/74 D04H1/76 D04H11/00 D04H13/00 D04H3/08 D04H3/16 D04H5/03 D06M14/02 D06M15/21 D06M15/227 D06M15/263 D06M15/59 D06M17/00 D06M23/06 D06M23/12 D21F11/00 D21H21/14 (Advanced/Invention)

CPC: D04H5/03 D04H1/68 B32B5/02 B32B5/26 B32B7/04 B32B2250/02 B32B2262/0223 B32B2262/0269 B32B2262/04 B32B2262/062 B32B2262/067 A61F13/8405 B32B37/12 B32B38/145 B32B2305/20 B32B2307/51 B32B2307/75 B32B2555/00 D04H13/007 A61F13/51113 A61F13/51405 B31F1/14 D04H11/00 D04H3/08 D21F11/002 A61K8/8111 A61Q19/00 A61Q19/10 A61K8/39 A61K8/96 D06M23/12 D04H1/4326 D04H1/488 D04H1/552 D04H1/413 D04H1/72 A61K9/70 A61L15/24 A61F13/472 A61F13/49 A61F13/5116 A61F13/513 A61F13/52 A61F13/537 A61F13/53743 A61F2013/51059 A61F2013/51061 A61F2013/51117 A61F2013/51186 A61F2013/51338 A61F13/51121 D06M15/227 D06M15/263 D21H27/002 D21H27/005 A61K8/0208 A61K8/025 A61K8/027 A61K8/046 A61K2800/412 B32B5/022 B32B5/20 B32B2555/02 A61L15/22 A61F13/15 A61F13/51 A61F13/53 B32B3/10 D04H1/64 Y10T428/24446 Y10T428/24455 Y10T442/674 Y10T428/249924 Y10T442/681 Y10T442/689 Y10T428/23929 Y10T442/20 Y10T442/2139 Y10T442/277 D21H21/146 B31F1/12 D06M15/59 D10B2509/026 B32B5/245 A61F13/51401 D04H1/56 D04H1/587 B32B2262/0253 B32B2307/726 D04H3/16 D06M23/06 D06M15/233 D06M23/04 D06N3/0029 D06N3/0047 D06N2205/023 D06N2205/045 D04H1/76 D04H1/4291 D04H13/00 D06M13/17 D06N3/0045 D04H1/74 D06M15/21

European class: B31F1/14 B32B5/02 B32B5/02A B32B5/20 B32B5/24A B32B5/26 B32B7/04 D04H1/68 D04H5/03 L32B250/02 L32B262/02D L32B262/02J1 L32B262/04 L32B262/06A L32B262/06A2 L32B555/02

US class: 156/183 156/231 156/247 156/247S 162/111 424/402 424/402P 428/152 428/152S 428/153 428/153S 428/292.1 428/88 442/153 442/153S 442/394 442/394S 442/401 442/408 442/59 442/59S 442/76 442/76P 604/359 604/360 604/367

Classification Explorer

Cited documents: WO9422502 A1, WO13175322 A1, WO12090129 A2, WO12015624 A1, WO09045731 A3, WO09045731 A2, WO04069424 A2, WO04061185 A1, WO04061182 A1, WO0007045 A1, US8063128 BB, US8012285 BB, US7812062 BB, US7528080 BB, US7439276 BB, US7431771 BB, US7182837 BB, US7008889 BB, US6858256 BB, US6852196 BB, US6835418 BB, US6814806 BB, US6797319 BB, US6797116 BB, US6761800 BB, US6752907 BB, US6746976 BA, US6730171 BB, US6642430 BA, US6632974 BA, US6623837 BB, US6603054 BB, US6585855 BB, US6582555 BB, US6511734 BA, US6395088 BA, US6383960 BA, US6261679 BA, US6241713 BA, US6187138 BA, US5942085 A, US5843058 A, US5704101 A, US5700352 A, US5611890 A, US5527171 A, US5494744 A, US5429840 A, US5389202 A, US5382400 A, US4940513 A, US4755421 A, US4655056 A, US4640810 A, US4620983 A, US4559162 A, US4494278 A, US4488928 A, US4483894 A, US4448818 A, US4422892 A, US4402200 A, US4375448 A, US4364784 A, US4353993 A, US4276339 A, US4237818 A, US3926716 A, US3865078 A, US3810280 A, US3484839 A, US3188372 A, US2897109 A, US2014102650 AA, US2014099469 AA, US2013157012 AA, US2013129993 AA, US2012289917 AA, US2012164206 AA, US2012164200 AA, US2012028004 AA, US2010236735 AA, US2010227520 AA, US2010222761 AA, US2010203293 AA, US2010159200 AA, US2010155004 AA, US2010036024 AA, US2009088037 AA, US2008295985 AA, US2008233069 AA, US2008216977 AA,

US2008200891 AA, US2008176968 AA, US2008128101 AA, US2008076844 AA, US2008073045 AA, US2008041543 AA, US2008009586 AA, US2007284069 AA, US2007197117 AA, US2007154524 AA, US2007137810 AA, US2007044930 AA, US2007010156 AA, US2006234586 AA, US2006211781 AA, US2006189240 AA, US2006148917 AA, US2006135932 AA, US2006124261 AA, US2006102071 AA, US2006003150 AA, US2005153123 AA, US2005136776 AA, US2005136242 AA, US2005112980 AA, US2005020170 AA, US2004143046 AA, US2004140076 AA, US2004121121 AA, US2004099388 AA, US2004052746 AA, US2004049166 AA, US2003104748 AA, US2002040210 AA, US2001024716 AA, RU2010135785 A, JP8260327 A2, JP4135675 A2, JP2005193693 A2, GB934071 A, GB758745 A, EP1619016 A1, DE3121168 A1, DE2063961 A1, CN1842561 A, CN1589345 A, CN1538832 A, CN1538829 A, CN1450885 A, CN1163642 A,

0) US2008280088A – TISSUE ROLL WITH ANGLED PERFORATIONS

76) Family number: 41886857 (US2008280088A) © PatBase

Title: TISSUE ROLL WITH ANGLED PERFORATIONS

Priority: EP20060125487 20061206 WO2007IB54945 20071206

Family:

Publication number	Publication date	Application number	Application date
CA2671631 AA	20090604	CA20072671631	20071206
EP1929912 A1	20080611	EP20060125487	20061206
MX2009006005 A1	20090616	MX20090006005	20071206
US2008280088 AA	20081113	US20070951685	20071206
WO08068723 A1	20080612	WO2007IB54945	20071206

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** BAUM DANIELA ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** BAUM DANIELA

Inventor(s): DANIELA BAUM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B26F1/00 (Advanced/Invention); A47K10/00 B26F1/00 (Core/Invention)

CPC: Y10T428/15 A47K10/16 Y10T225/12

European class: A47K10/16

US class: 225/2 242/550 428/43

Classification Explorer

Cited documents: WO03026472 A1, US714652 A, US6460727 BA, US6228454 BA, US5789050 A, US5496605 A, US5453311 A, US5205454 A, US5041317 A, US4884719 A, US4646364 A, US4210688 A, US4199090 A, US405412 A, US3931886 A, US3770172 A, US3583558 A, US3467250 A, US2004224116 AA, US2002074375 AA, US1170589 A, DE8715128 U,

0) US2013312923A – TISSUE COMPRISING MACROALGAE

77) Family number: 55101968 (US2013312923A) © PatBase

Title: TISSUE COMPRISING MACROALGAE

Priority: US20120481154 20120525 US20130043955 20131002 WO2013IB53634 20130506

Family:

Publication number	Publication date	Application number	Application date
AU2013264868 AA	20131128	AU20130264868	20130506
AU2013264868 BB	20150514	AU20130264868	20130506
CA2873436 AA	20141112	CA20132873436	20130506
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US2014034255 AA	20140206	US20130043955	20131002
US8574400 BA	20131105	US20120481154	20120525
US8771468 BB	20140708	US20130043955	20131002
WO13175331 A1	20131128	WO2013IB53634	20130506

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; SHI BO ; KRAUTKRAMER CANDACE DYAN ; SHANNON THOMAS GERARD ; VEITH MICHAEL WILLIAM

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC2300 WINCHESTER ROADNEENAHWI54956US

Inventor(s):(std)**:** KRAUTKRAMER CANDACE DYAN ; SHANNON THOMAS GERARD ; SHI BO ; VEITH MICHAEL WILLIAM

Inventor(s): VEITH MICHAEL WILLIAMUS ; SHI BOUS ; THOMAS GERARD SHANNON ; SHANNON THOMAS GERARDUS ; KRAUTKRAMER CANDACE DYANUS ; MICHAEL WILLIAM VEITH ; BO SHI ; CANDACE DYAN KRAUTKRAMER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 D21F11/00 D21H11/00 D21H11/12 D21H13/10 D21H21/00 D21H27/38 (Advanced/Invention)

CPC: D21H11/00 D21H17/005 D21H17/02 D21H27/002 D21H27/005 D21H27/007 D21H27/30 D21H27/38 D21H11/12 A47K10/16 D21H21/00

US class: 162/100 162/111 162/129 162/148 162/99

Classification Explorer

Cited documents: WO9624317 A2, WO9404745 A1, WO9202199 A1, WO1154855 A2, WO11154855 A2, WO09133976 A1, US7622019 BB, US6379594 BA, US5743999 A, US5567275 A, US5522967 A, US5500086 A, US5472569 A, US5200194 A, US5114534 A, US4300981 A, US3862877 A, US2965436 A, US2011303375 AA, US2011036525 AA, US2010319865 AA, US2010272940 AA, US2010152687 AA, US2010137776 AA, US2009197994 AA, US2007207692 AA, US2006137842 AA, US2003186611 AA, US2002104632 AA, US1675244 A, US1509035 A, US1367279 A, TW506831 B, NL9001056 A, KR20100084452 A, KR20100070240 A, KR20100011771 A, KR20070040555 A, KR20060000695 A, KR100965310 B1, KR100811200 B1, KR100811196 B1, KR100811194 B1, KR100811193 B1, KR100811193, KR100811183 B1, KR100811183, JP5331792 A2, JP4202893 A2, JP2011012036 A2, JP2000236757 A2, GB508671 A, EP1682721 B1, EP0565920 B1,

DE102008053858 A1

DE102004061179 A1

CN102154738 A, CN101985779 A,

0) US4762738A – MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND ...

78) Family number: 11075148 (US4762738A)

© PatBase

Title: MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND OSTOMY POUCHES PARTICULARLY SUITED FOR SUCH DISPOSAL

Priority:

AU19870081247	19871116	CA19870553100	19871130	NZ19870222532	19871112
JP19870326638	19871222	EP19870310534	19871130	US19860944891	19861222
US19880256355	19881011	US19880161077	19880226		

Family:

Publication number	Publication date	Application number	Application date
AT144121 E	19961115	AT19870310534T	19871130
AT216571 E	20020515	AT19870200537T	19871130
AU198781247 A1	19880623	AU19870081247	19871116
AU199169299 A1	19910328	AU19910069299	19910111
AU611654 B2	19910620	AU19870081247	19871116
AU646235 B2	19940217	AU19910069299	19910111
CA1287282 A1	19910806	CA19870553100	19871130
DE3751925 D1	19961121	DE19873751925	19871130
DE3751925 T2	19970403	DE19873751925T	19871130
DE3752353 D1	20020529	DE19873752353	19871130
DE3752353 T2	20021010	DE19873752353T	19871130
DK174093 B1	20020610	DK19870006759	19871221
DK675987 A	19880623	DK19870006759	19871221
DK675987 A0	19871221	DK19870006759	19871221
EP0272816 A2	19880629	EP19870310534	19871130
EP0272816 A3	19920527	EP19870310534	19871130
EP0272816 B1	19961016	EP19870310534	19871130
EP0726068 A2	19960814	EP19960200537	19871130
EP0726068 A3	20000329	EP19960200537	19871130
EP0726068 B1	20020424	EP19960200537	19871130
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NO165705 C	19910327	NO19870005366	19871221
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US4930942 A	19900605	US19880256355	19881011	
ZA8708481 A	19880509	ZA19870008481	19871111	

Probable Assignee: SQUIBB AND SONS INC

Assignee(s):(std)**:** SONS INC ; SQUIBB AND SONS INC ; SQUIBB BRISTOL MYERS CO ; BRISTOL MYERS SQUIBB CO

Assignee(s): E R SQUIBB AND SONS INC ; E R SQUIBB AND SONS INC PRINCETON N J US ; E R SQUIBB AND SONS L L C ; ARONOFF MARVIN S ; ER SQUIBB AND SONS INC ; SQUIBB E R AND SONS INC ; SQUIBB AND SONS INC E R ; KEYES DENIS E ; ER SQUIBB AND SONS LLC ; NOEL RUANE ; SQUIBB ER AND SONS INC

Inventor(s):(std)**:** ARNOFF MARVIN S ; ARONOFF MARVIN S ; DENIS E KEYES ; DENISU II KIIZU ; KEYES DENIS E ; MAABIN ESU ARONOFU ; MARVIN S ARONOFF

Inventor(s): NAME NOT GIVEN ; MARVIN S ARNOFF

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): A61F13/15 A61F5/44 A61F5/445 B09B1/00 (Advanced/Invention); A61F5/44 B09B1/00 (Advanced/Non–invention); A61F13/15 A61F5/44 A61F5/445 (Core/Invention); A61F5/44 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/16 A61F13/18 A61F5/44 A61F5/445 A61L11/00 B09B1/00 B09B5/00 B32B7/02 B65D85/16 B65G53/00

CPC: Y10T428/1307 Y10T428/1362 A61F13/47 A61F5/445 A61F13/15211 A61F13/551 A61F2005/4402 A61F2013/15048

European class: A61F13/15J2 A61F13/47 A61F13/551 A61F5/445 K61F13/15A11 K61F13/15J2 K61F5/445C K61F5/44D

US class: 206/524.7 252/90 383/1 406/49 428/34.3 428/36 428/36.1 604/332

Classification Explorer

Cited documents: WO8001374 A1, US4762738 A, US4762454 A, US4692494 A, US4620999 A, US4551490 A, US4503098 A, US4490145 A, US4460363 A, US4387712 A, US4372311 A, US4333464 A, US4316824 A, US4261066 A, US4240769 A, US4186233 A, US4136798 A, US4133779 A, US4062451 A, US4035540 A, US3951893 A, US3886112 A, US3881210 A, US3808165 A, US3793233 A, US3790067 A, US3762454 A, US3707430 A, US3705659 A, US3692725 A, US3661695 A, US3654929 A, US3561447 A, US3339546 A, US3198740 A, US3186869 A, US3089493 A, US2850471 A, JP50082597 U1, JP50082597 U, GB2201372 A1, GB2195919 A1, GB2193925 A1, GB2185404 A1, GB2122099 A1, GB2122090 A1, GB2083762 A1, GB1312370 A, GB1271424 A, FR2524306 A1, EP0273611 A1, EP0226439 A1, EP0142950 A2, EP0064044 A1, EP0010171 A1, DE1949214 A1, CH403217 A, AU6929991 A1, AU1290483 A1,

0) US2003089734A – CONTAINER

79) Family number: 31386894 (US2003089734A)

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Title: CONTAINER

Priority:

DE20001028747	20000610	DE20011025958	20010529	GB20020028324	20010529
GB20040014478	20010529	US20040983192	20041105	US20050002350	20050214
US20020240968	20021007	WO2001EP06332	20010529		

Family:

Publication number	Publication date	Application number	Application date
AU2001267516 AA	20011224	AU20010267516	20010529
AU200167516 A1	20011224	AU20010067516	20010529
AU200167516 A5	20011224	AU20010067516	20010529
DE10125958 A1	20011213	DE20011025958	20010529
GB200228324 A0	20030108	GB20020028324	20010529
GB200413876 A0	20040721	GB20040013876	20010529
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GB2379484 A1	20030312	GB20020028324	20010529
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GB2403275 B2	20050309	GB20040014472	20010529
GB2403437 A1	20050105	GB20040014834	20010529
GB2403437 B2	20050309	GB20040014834	20010529
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GB2403776 B2	20050316	GB20040014934	20010529
GB2403777 A1	20050112	GB20040014936	20010529
GB2403777 B2	20050316	GB20040014936	20010529
GB2404223 A1	20050126	GB20040022451	20010529

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GB2404224 A1	20050126	GB20040022452	20010529
GB2404224 B2	20050330	GB20040022452	20010529
GB2404225 A1	20050126	GB20040022454	20010529
GB2404225 B2	20050330	GB20040022454	20010529
JP3099331 U	20040402	JP20020600005U	20010529
US2003089734 AA	20030515	US20020240968	20021007
US2006027595 AA	20060209	US20040983192	20041105
US2007164056 AA	20070719	US20050002350	20050214
US7320417 BB	20080122	US20020240968	20021007
WO0196210 A2	20011220	WO2001EP06332	20010529
WO0196210 A3	20020620	WO2001EP06332	20010529

Probable Assignee: WELLA AG

Assignee(s):(std)**:** EBERHARDT HEIKO ; STEIGERWALD FRANZ ; WELLA AG

Assignee(s): WELLA AKTIENGESELLSCHAFT

Inventor(s):(std)**:** STEIGERWALD FRANZ ; EBERHARDT HEIKO

Inventor(s): HEIKO EBERHARDT ; FRANZ STEIGERWALD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B05B1/00 B05B1/34 B05B11/00 B65D1/00 B65D83/00 B65D83/14 B65D83/16 B65D83/40 B65D83/44 B67D5/32 B67D7/32 (Advanced/Invention); B05B11/00 (Advanced/Non–invention); B05B1/34 B05B11/00 B65D83/00 B65D83/44 (Core/Invention)

International class (IPC 1–7): B05B1/00 B05B11/00 B05B9/04 B65D83/00 B65D83/14 B65D83/20 B65D83/22 B65D83/28 B65D83/32 B65D83/38 B65D83/40 B65D83/44 B65D83/48 E05B73/00 F16M13/02 G01F11/06

CPC: B05B1/00 B05B11/30 B65D83/206 B65D83/32 B65D83/38 B65D83/44 B65D83/48 B65D83/75 B65D2203/12 B65D1/00 B65D83/20 B65D83/46 B05B11/0005 B05B1/34

European class: B05B1/00 B05B1/34 B05B11/00B B65D1/00 B65D83/14C B65D83/14F B65D83/14H B65D83/14L B65D83/14Z B65D83/16B1C1 B65D83/16B2C1 B65D83/20 B65D83/20C2 B65D83/32 B65D83/38 B65D83/44 B65D83/46 B65D83/48 B65D83/75 L05B11/00P L05B11/30 L65D203/12

US class: 222/192 222/192S 222/321.7 222/321.700S 222/39 222/39P 222/402.1 222/402.100S 222/402.13 222/402.130P 222/635

Classification Explorer

Cited documents: US6607106 BB, US6588629 BA, US6341735 BA, US6283337 BA, US6193104 BA, US6161599 A, US6006957 A, US5967382 A, US5881929 A, US5878913 A, US5794822 A, US5758638 A, US5487502 A, US5456626 A, US5219102 A, US5186368 A, US4852807 A, US4846810 A, US4759309 A, US4739795 A, US4572406 A, US4426026 A, US4423823 A, US4396152 A, US4291688 A, US4227482 A, US3963145 A, US3312723 A, US3246850 A, JP9141147, JP2001130660 A2, JP11157586 A2, JP11128776 A2, JP11128776, JP10029658, GB2340891 A1, GB2297126 A1, GB2021698 A1, GB1587087 A, GB1493031 A, GB1460000 A, GB1397930 A, GB1103074 A, GB1036955 A, FR1603001 A, FR1539302 A, FR1414014 A, FR1376028 A, EP1072316 A1, EP1052191 A1, EP0875469 A1, EP0863089 A1, EP0669268 A1, EP0593317 A1, EP0437706 A1, EP0112035 A2, DE2803993 A1, DE1040464 B, DE1037377 B,

0) US6162329A – SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITIO...

80) Family number: 28648160 (US6162329A) © PatBase

Title: Soft tissue paper having a softening composition containing an electrolyte deposited thereon

Priority:

AU19980095989	19981001	US19970942053	19971001	US19980053319	19980401
US20000679988	20001005	WO1998US20738	19981001		

Family:

Publication number	Publication date	Application number	Application date
AU199895989 A1	19990423	AU19980095989	19981001
AU200172126 A1	20011206	AU20010072126	20010914
AU200172126 A5	20011206	AU20010072126D	20010914
AU740312 B2	20011101	AU19980095989	19981001
AU773025 B2	20040513	AU20010072126	20010914
BRPI9813842 A	20001003	BR1998PI13842	19981001
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CN1280641 A	20010117	CN19988011732	19981001
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US6579416 BA	20030617	US20000679988	20001005
WO9916974 A1	19990408	WO1998US20738	19981001
ZA9808976 A	19990407	ZA19980008976	19981001

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN ; THE PROCTER AND GAMBLE CO ; FAGIN SEAN PATRICK ; GAMBLE CO ; PROCTER AND

Inventor(s):(std)**:** ERROL H WAHL ; ERROL HOFFMAN WAHL ; FAGIN SEAN P ; FAGIN SEAN PATRICK ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; RICHARD MARTIN WARD ; SEAN P FAGIN ; SEAN PATRICK FAGIN ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WAHL ERROL H ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/07 D21H19/10 D21H19/12 D21H21/22 D21H21/24 D21H27/00 (Advanced/Invention); D21H21/22 D21H27/00 (Advanced/Non–invention); D21H21/22 (Core/Invention); D21H27/00 (Core/Non–invention); A47K D21H (Subclass/Invention)

International class (IPC 1–7): A47K D21H D21H11/00 D21H17/07 D21H17/71 D21H19/10 D21H19/12 D21H19/12 D21H21/22 D21H21/24 D21H27/00

CPC: D21H21/22

European class: D21H21/22

US class: 162/112 162/135 162/158 162/181.2 162/181.3 162/184 252/8.63

Classification Explorer

Cited documents: WO9410381 A1, US5814188 A, US5753079 A, US5611890 A, US5543067 A, US5527560 A, US5405501 A, US5397435 A, US5389204 A, US5296024 A, US5292363 A, US5246546 A, US5246545 A, US5215626 A, US4844823 A, US4636224 A,

US4579591 A, US4118271 A, JP50040892 A2, EP0688901 A2,

0) US2006266758A – SHEET MATERIAL DISPENSER

81) Family number: 33892566 (US2006266758A) © PatBase

Title: SHEET MATERIAL DISPENSER

Priority: US20050140342 20050527 US20050420085 20050524 US20060420085 20060524 WO2006US20367 20060526

Family:

Publication number	Publication date	Application number	Application date
AU2006252725 AA	20061207	AU20060252725	20060526
BRPI0610098 A2	20081209	BR2006PI10098	20060526
CA2606114 AA	20071025	CA20062606114	20060526
CL2006001270 A1	20061215	CL20060001270	20060525
CL2006002682 A1	20071130	CL20060002682	20061004
CN101184678 A	20080521	CN200680018633	20060526
CR9453 A	20080303	CR20070009453	20071019
DE602006015305 D1	20100819	DE200660015305T	20060526
DOP2006000121 A	20061130	DO20060000121	20060526
DOP2006000213 A	20071115	DO20060000213	20061006
EP1885623 A2	20080213	EP20060771251	20060526
EP1885623 B1	20100707	EP20060771251	20060526
IL186590 A0	20080120	IL20060186590	20060526
IN05434CN2007 A	20080328	IN2007CN05434	20071127
JP2008542156 T2	20081127	JP20080513741T	20060526
KR20080012312 A	20080211	KR20077027455	20060526
MX2007013645 A1	20080124	MX20070013645	20060526
MY139870 A	20091130	MY20060002369	20060523
PA8677301 A1	20070117	PA20060086773	20060526
RU2007148263 A	20090710	RU20070148263	20060526
RU2415795 C2	20110410	RU20070148263	20060526
TH82692 A	20070125	TH20061002404	20060525
TH84498 A	20070509	TH20061004962	20061006
TW200710003 A	20070316	TW20060118605	20060525
TW200743475 A	20071201	TW20060136834	20061004
TWI307621 B	20090321	TW20060136834	20061004
TWI329602 B	20100901	TW20060118605	20060525
US2006266758 AA	20061130	US20050140342	20050527
US2006266759 AA	20061130	US20060420085	20060524
US7428978 BB	20080930	US20050140342	20050527
US7591396 BB	20090922	US20060420085	20060524
WO06130450 A2	20061207	WO2006US20367	20060526
WO06130450 A3	20070308	WO2006US20367	20060526
ZA200709039 A	20090128	ZA20070009039	20060526

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; TRAMONTINA PAUL FRANCIS ; LEWIS RICHARD PAUL ; PROVENZANO GUY WILLIAM ; PROVENZANO GUY W ;

TRAMONTINA PAUL F ; LEWIS RICHARD P

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC US ; KIMBERLI KLARK VORLDVAJD INK

Inventor(s):(std)**:** FRANCIS TRAMONTINA PAUL ; GUY W PROVENZANO ; L JUIS RICHARD POL ; LEWIS RICHARD P ; LEWIS RICHARD PAUL ; PAUL LEWIS RICHARD ; PROVENTSANO GAJ UIL JAM ; PROVENZANO GUY W ; PROVENZANO GUY WILLIAM ; TRAMONTINA PAUL F ; TRAMONTINA PAUL FRANCIS ; TREHMONTAJNA POL FREHNSIS ; WILLIAM PROVENZANO GUY ; RICHARD PAUL LEWIS ; RICHARD P LEWIS ; PAUL FRANCIS TRAMONTINA ; PAUL F TRAMONTINA ; GUY WILLIAM PROVENZANO

Inventor(s): L'JUIS RICHARD POL ; PROVENTSANO GAJ UIL'JAM ; RICHARD PAUL LEWIS PAUL FRANCIS TRAMONTINA ; TRAMONTINA PAUL ; PROVENZANO GUY ; LEWIS RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47D5/00 A47K10/24 A47K10/38 A47K10/42 A47K10/44 B65D83/08 B65H1/00 B65H1/04 B65H3/00 B65H3/22 (Advanced/Invention);
A47K10/42 B65D83/08 (Advanced/Non–invention);
A47D5/00 A47K10/24 B65D83/08 B65H1/00 B65H3/00 (Core/Invention);
A47K10/42 B65D83/08 (Core/Non–invention);
A47K B65D (Subclass/Invention)

International class (IPC 1–7): A47K10/42 B65D83/08 B65H1/00

CPC: A47K10/423 A47K2010/3266 B65D83/0811 B65D83/0894 B65H1/04 B65H3/56

European class: A47K10/42B3 B65D83/08B1 B65D83/08H B65H1/04 B65H3/56 K47K10/32W

US class: 221/151 221/152 221/213 221/249 221/259 221/33 221/37 221/39 221/40

Classification Explorer

Cited documents: US930619 A, US6533145 BB, US6273996 BA, US6248212 BA, US6096152 A, US6077590 A, US5904971 A, US5776306 A, US5772845 A, US5716691 A, US5687876 A, US5687876 A, US5674590 A, US5672248 A, US5607551 A, US5540354 A, US5494554 A, US5399412 A, US5284703 A, US5048589 A, US4737393 A, US4659609 A, US4436780 A, US4214662 A, US4121726 A, US4100324 A, US4071165 A, US3767188 A, US3650882 A, US3517855 A, US3322617 A, US3306491 A, US3301746 A, US3266665 A, US3243078 A, US3243078, US3094323 A, US2588152 A, US2588152 A, US2247800 A, US1603714 A, US1511812 A, TW290517, TW213682, GB917049 A, GB917049,

0) US2010001015A – DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL...

82) Family number: 42019829 (US2010001015A)

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Title: DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL

Priority:

CO20090084290	20090812	EP20070701110	20070112	WO2007SE00024	20070112
RU20090130731	20070112	EP20160185186	20070112		

Family:

Publication number	Publication date	Application number	Application date
AU2007342720 AA	20080717	AU20070342720	20070112
AU2007342720 BB	20130829	AU20070342720	20070112
CO6220891 A2	20101119	CO20090084290	20090812
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ES2630903 T3	20170825	ES20070701110T	20070112
MX2009006377 A1	20090623	MX20090006377	20070112
RU2009130731 A	20110220	RU20090130731	20070112
RU2435512 C2	20111210	RU20090130731	20070112
US2010001015 AA	20100107	US20070522759	20070112
US8511511 BB	20130820	US20070522759	20070112
WO08085090 A1	20080717	WO2007SE00024	20070112

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** GLATZL JOACHIM ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS ; THOREN AGNETA

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; SCA HYGIENE PRODUCTS A B ; SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** GLATZL JOACHIM ; THOREN AGNETA ; TOREN AGNETA ; GLATTSL JOAKHIM

Inventor(s): JOACHIM GLATZL ; AGNETA THOREN ; GLATTSL' JOAKHIM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A44B18/00 A44B19/00 A47K10/36 A47K10/38 (Advanced/Invention); A44B18/00 A44B19/00 A47K10/24 (Core/Invention)

CPC: Y10T24/25 Y10T24/27 A47K10/3818 A47K2010/3206 A47K2010/3233 A47K2010/3266 A47K10/36

European class: A47K10/38B1

US class: 221/26 221/30 221/63 24/381 24/442

Classification Explorer

Cited documents: WO8102280 A1, US7578414 BB, US6834773 BB, US6578731 BA, US5427453 A, US4138034 A, US3868052 A, US3002668 A, US2875869 A, US2664933 A, US2012256037 AA, US2011253761 AA, US2005279757 AA, US2005211717 AA, US2004251292 AA, US2004004013 AA, SE519199 C2, JP2003290074 A2, GB2244472 A1, FR2549362 A1,

0) US2011240039A – SURGICAL DRAPE HAVING TEARABLE SHEET

83) Family number: 49698123 (US2011240039A)

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Title: SURGICAL DRAPE HAVING TEARABLE SHEET

Priority: US20100319738P 20100331 US20110076029 20110330 WO2011US30468 20110330 US20140504850 20141002

Family:

Publication number	Publication date	Application number	Application date
CA2792066 AA	20120904	CA20112792066	20110330
CN102821711 A	20121212	CN201180017306	20110330
CN102821711 B	20151007	CN201180017306	20110330
EP2552338 A1	20130206	EP20110763356	20110330
EP2552338 A4	20160224	EP20110763356	20110330
MX2012011174 A1	20130227	MX20120011174	20110330
US2011240039 AA	20111006	US20110076029	20110330
US2015107605 AA	20150423	US20140504850	20141002
WO11123506 A1	20111006	WO2011US30468	20110330

Probable Assignee: ALLEGIANCE CORP

Assignee(s):(std)**:** ALLEGIANCE CORP ; REYES ROGELIO ; ROBARDS DOUGLAS

Inventor(s):(std)**:** DOUGLAS ROBARDS ; REYES ROGELIO ; ROBARDS DOUGLAS ; ROGELIO REYES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61B19/00 A61B19/08 A61B46/00 A61B46/20 (Advanced/Invention)

CPC: A61B46/40 A61B2046/205 A61B2090/037 A61B19/088 A61B46/00

European class: A61B19/08 K61B19/08C1 K61B19/30H

US class: 128/853

Classification Explorer

Cited documents: WO9904721 A1, US7086404 BB, US6742522 BA, US6725864 BB, US6345621 BA, US6286511 BA, US5979450 A, US5975082 A, US5626947 A, US5532053 A, US4041942 A, US3930497 A, US3926185 A, US3791915 A, US3538912 A, US3072511 A, US2012312308 AA, US2010031966 AA, US2009277460 AA, US2005034731 AA, US2002108615 AA, EP2151211 A2, CN1798531 A, CN101304702 A,

0) US2008290207A – METHOD AND MACHINE FOR THE PRODUCTION OF LOGS O...

84) Family number: 31990322 (US2008290207A)

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Title: METHOD AND MACHINE FOR THE PRODUCTION OF LOGS OF WEB MATERIAL

Priority: IT2003FI00312 20031205 IT2004FI00086 20040413 WO2004IT00652 20041125

Family:

Publication number	Publication date	Application number	Application date
AT387394 E	20080315	AT20040806817T	20041125
BRPI0417311 A	20070327	BR2004PI17311	20041125
CN100562469 C	20091125	CN200480036054	20041125
CN1890166 A	20070103	CN200480036054	20041125
DE602004012144 D1	20080410	DE200460012144T	20041125
DE602004012144 T2	20090226	DE200460012144T	20041125
EP1689661 A2	20060816	EP20040806817	20041125

EP1689661 B1	20080227	EP20040806817	20041125
ES2300865 T3	20080616	ES20040806817T	20041125
ITFI20030312 A1	20050606	IT2003FI00312	20031205
ITFI20040086 A1	20040713	IT2004FI00086	20040413
JP2007513032 T2	20070524	JP20060542118T	20041125
JP4696073 B2	20110608	JP20060542118T	20041125
US2008290207 AA	20081127	US20040581725	20041125
US8011612 BB	20110906	US20040581725	20041125
WO05054104 A2	20050616	WO2004IT00652	20041125
WO05054104 A3	20050929	WO2004IT00652	20041125

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; NENCIONI GIOVANNI ; PERINI FABIO SPA ; FABIO PERINI S P A

Assignee(s): FABIO PERINI SPA

Inventor(s):(std)**:** GIOVANNI GELLI MAURO MADDALENI ; GIOVANNI NENCIONI ; MADDALENI ROMANO ; MAURO GELLI ; NENCIONI GIOVANNI ; ROMANO MADDALENI ; GELLI MAURO

Inventor(s): GELLI MAURO MADDALENI ROMANO NENCIONI GIOVANNI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/30 (Advanced/Invention); A47K10/00 B65H18/14 B65H19/22 B65H19/28 B65H19/30 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22 B65H19/26

CPC: B65H19/2269 B65H19/267 B65H2408/235

European class: B65H19/22B6 B65H19/26C L65H408/235

US class: 242/521 242/521P 242/532.2 242/533 242/541.3

Classification Explorer

Cited documents: WO04071914 A1, WO04050520 A2, WO04046006 A2, WO04035441 A1, WO02055420, WO0172620 A1, US6752344 BA, US6698681 BA, US6695245 BA, US6648266 BA, US6056229 A, US5979818 A, US5839680 A, US5769352 A, US5690296 A, US5639046 A, US5542622 A, US5538199 A, US5368252 A, US5368199 A, US5267703 A, US5249756 A, US5248106 A, US5137225 A, US5040738 A, US5031850 A, US4962897 A, US4909492 A, US4487377 A, US4327877 A, US3123315 A, US2009039195 AA, US2008283656 AA, US2006169733 AA, US2003189123 AA, US2003080234 AA, JP8507997 T2, JP8507997, JP7017660 A2, JP7017660, JP6278918 A2, JP6278918, JP6135604 A2, JP6135604, JP5652345, JP56052345 A2, JP56052345, JP08507997, JP0717660, JP06278918, JP06135604, ITMI951174 A1, IT1995A001174, IT1275313, GB2150536 A1, GB2105687 A1, GB2009108 A1, GB1435525 A, EP1219555 A1, EP0199286 A2,

0) US2007236110A – HANDS–FREE PAPER TOWEL DISPENSER AND DISPENSING...

85) Family number: 33103175 (US2007236110A)

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Title: HANDS−FREE PAPER TOWEL DISPENSER AND DISPENSING SYSTEM

Priority: US20070806741 20070604 US20110105370 20110511 WO2004SE02032 20041229

Family:

Publication number	Publication date	Application number	Application date
AT468797 E	20100615	AT20040809205T	20041229
CA2586613 AA	20070503	CA20042586613	20041229
CA2586613 C	20111108	CA20042586613	20041229
CN101080188 A	20071128	CN200480044597	20041229
DE602004027426 D1	20100708	DE200460027426T	20041229
EP1830687 A1	20070912	EP20040809205	20041229
EP1830687 B1	20100526	EP20040809205	20041229
ES2344904 T3	20100909	ES20040809205T	20041229
MX2007007907 A1	20070817	MX20070007907	20041229
US2007236110 AA	20071011	US20070806741	20070604
US2011210137 AA	20110901	US20110105370	20110511
US7954405 BB	20110607	US20070806741	20070604
WO06071148 A1	20060706	WO2004SE02032	20041229
WO06071148 C1	20070823	WO2004SE02032	20041229

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): KLING ROBERT ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): KLING ROBERT

Inventor(s): ROBERT KLING

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8−9): A47K10/32 A47K10/34 B65D83/08 B65G59/02 B65H19/00 (Advanced/Invention); A47K10/24 (Core/Invention)

CPC: Y10T83/4838 Y10T83/896 Y10T225/393 A47K10/36 A47K2010/3668 A47K2010/3681 A47K10/3612

European class: A47K10/36

US class: 221/13 221/13S 221/38 221/38S 221/6 221/6P 225/106 242/419.4 242/526 312/34.4 312/34.400P 83/346 83/649

Classification Explorer

Cited documents: US893582 A, US804306 A, US7783380 BB, US7624664 BB, US7341170 BB, US6892620 BB, US6131587 A, US6007168 A, US5207633 A, US5205454 A, US4952432 A, US4846412 A, US4832786 A, US4592669 A, US4516711 A, US3935978 A, US3884787 A, US3687751 A, US3177749 A, US2887247 A, US2809082 A, US2686018 A, US2007152010 AA, US2004192531 AA, US1717747 A, US1658608 A,

0) US2008264280A − PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES ...

86) Family number: 42441093 (US2008264280A)

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Title: PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES WITH PERFORATED SHEETS

Priority: EP20080719542 20080303 US20070796614 20070427 WO2008IB50768 20080303

Family:

Publication number	Publication date	Application number	Application date
AT538929 E	20120115	AT20080719542T	20080303
AU2008243889 AA	20081106	AU20080243889	20080303
AU2008243889 BB	20131121	AU20080243889	20080303
BRPI0809723 A2	20150210	BR2008PI09723	20080303
CA2681858 AA	20081106	CA20082681858	20080303
DE602008012338 D1	20120308	DE200860012338T	20080303
EP2148781 A2	20100203	EP20080719542	20080303
EP2148781 B1	20111228	EP20080719542	20080303
JP2010524743 T2	20100722	JP20100504916T	20080303
MX2009010449 A1	20091019	MX20090010449	20080303
US2008264280 AA	20081030	US20070796614	20070427
US8844437 BB	20140930	US20070796614	20070427
WO08132615 A2	20081106	WO2008IB50768	20080303
WO08132615 A3	20081224	WO2008IB50768	20080303

Probable Assignee: KIMBERLY CLARK WORLDIWDE INC

Assignee(s):(std): BAGGOT JAMES L ; KIMBERLY CLARK CO ; WOOLEY TIMOTHY A ; SMITH JUSTEN H

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; KIMBERLY CLARK WORLDIWDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK

Inventor(s):(std): BAGGOT JAMES ; BAGGOT JAMES L ; SMITH JUSTEN ; SMITH JUSTEN H ; WOOLEY TIMOTHY ; WOOLEY TIMOTHY A ; BAGGOT JAMES LEO

Inventor(s): WOOLEY TIMOTHY A SHERWOOD ; TIMOTHY A WOOLEY ; JUSTEN H SMITH ; JAMES L BAGGOT ; JAMES LEO BAGGOT ; SMITH JUSTEN H NEENAH ; BAGGOT JAMES L MENASHA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B41F13/12 B41F13/24 B41F19/00 B41F33/00 B41F33/06 B41F33/14 B41G7/00 B41K3/12 (Advanced/Invention) ; B41F13/24 B41F19/00 B41F33/00 B41F33/04 B41F33/14 B41G7/00 (Core/Invention)

CPC: B41F13/12 B41G7/006 B41P2217/52

European class: B41F13/12 B41G7/00C L41P217/520

US class: 101/226 101/248 101/35 101/486

Classification Explorer

Cited documents: US7089854 BB, US7037575 BB, US6983686 BB, US6929838 BA, US6928929 BA, US6273313 BA, US5839688 A, US5802974 A, US5720223 A, US5660674 A, US5452632 A, US5417638 A, US5263413 A, US5119725 A, US4955265 A, US4896605 A, US4781090 A, US4757930 A, US4361260 A, US3832064 A, US3264921 A, US2008148981 AA, US2007239126 AA, US2007084099 AA, US2005204941 AA, US2005153100 AA, US2005034578 AA, US2004258887 AA, US2004003521 AA, US2003234305 AA, JP8118589 A2, JP7125185 A2, JP63091251 A2, JP62174497 U1, JP62174497 U, JP50040888 A2, JP3005173 U1, JP11506984 T2, EP1527898 A1,

0) US2003097105A – CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BA...

87) Family number: 28292918 (US2003097105A) © PatBase

Title: CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BARRIER AND CENTRAL RISING MEMBER

Priority: US19990411259 19991001 US20020290905 20021108 WO2000US26031 20000922

Family:

Publication number	Publication date	Application number	Application date
AU200076050 A1	20010510	AU20000076050	20000922
AU200076050 A5	20010510	AU20000076050D	20000922
BRPI0014437 A	20021022	BR2000PI14437	20000922
CL2000002222 A1	20010629	CL20000002222	20000818
CN1198551 C	20050427	CN20008016579	20000922
CN1402627 A	20030312	CN20008016579	20000922
DE10085076 T	20021121	DE20001085076T	20000922
DE10085076 T1	20021121	DE20001085076T	20000922
EG22836 A	20030930	EG20000001133	20000905
GB200209627 A0	20020605	GB20020009627	20000922
GB2370786 A1	20020710	GB20020009627	20000922
GB2370786 B2	20040609	GB20020009627	20000922
KR20020074144 A	20020928	KR20027004188	20000922
MXPA02002520 A1	20020730	MX2002PA02520	20000922
TH47093 A	20010911	TH20001003204	20000823
TW574910 Y	20040201	TW20030208075U	20000930
US2003097105 AA	20030522	US20020290905	20021108
US6492574 BA	20021210	US19990411259	19991001
US6677498 BB	20040113	US20020290905	20021108
WO0124755 A1	20010412	WO2000US26031	20000922

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; LINDSAY JEFFREY DEAN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; DIPALMA JOSEPH

Inventor(s):(std)**:** DIPALMA J ; DIPALMA JOSEPH ; FUNG JOU CHEN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; JULIE MARIE BEDNARZ ; LINDSAY J D ; LINDSAY JEFFREY DEAN ; LINDSAY JEFFREY D

Inventor(s): BEDNARZ JULIE ; LINDSAY JEFFREY ; J D LINDSAY ; J DIPALMA ; JD LINDSAY ; JEFFREY DEAN LINDSAY ; JOSEPH DIPALMA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/472 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A61F13/15 (Core/Invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/20 A61F13/47 A61F13/472

CPC: Y10S977/712 Y10S977/841 Y10S977/961 A61F13/47218 A61F13/4702 A61F13/4704 A61F13/47227 A61F13/4755 A61F13/534 A61F13/53704 A61F13/53717 A61F13/53743 A61F2013/4581 A61F2013/53782

European class: A61F13/472B A61F13/472B1 A61F13/475A2 A61F13/534 A61F13/537A A61F13/537B4 A61F13/537C K61F13/45C4B K61F13/47A K61F13/47B K61F13/537E4

US class: 604/378 604/378P 604/385.01 604/385.12 604/385.120S 604/385.17 604/385.170S 977/712 977/712S 977/841 977/961

Classification Explorer

Cited documents: WO9912502, WO9900093, WO9843684 A1, WO9843684, WO9824391, WO9822059, WO9724283, WO9719808, WO9524878, WO9424973, WO9321879, WO9207535, WO8303051, WO0019956 A1, WO0019956, WO0019955, USRE32649 E, USH1750 H1, US5990377, US5957909 A, US5954705 A, US5910137, US5876393 A, US5874071, US5874070, US5869033, US5865824, US5858021, US5858011, US5853867, US5851648, US5846230 A, US5846230, US5824004, US5820616, US5817394, US5817081, US5817079, US5800417, US5795921, US5779860, US5773120, US5772967, US5769834, US5766213, US5756039 A, US5753343, US5746729, US5725821, US5720738, US5711970, US5704932, US5704930, US5704928, US5702378, US5693411, US5692939, US5672248, US5649917, US5624423 A, US5624423, US5620430, US5618282, US5611790, US5601544, US5599339, US5591150, US5591148 A, US5591148, US5591146, US5575785, US5567260, US5562650, US5562645, US5547745 A, US5545156 A, US5542941 A, US5533991 A, US5520674 A, US5518801 A, US5514104 A, US5506035 A, US5489283 A, US5487736 A, US5476457 A, US5462166 A, US5447507 A, US5445628 A, US5429630 A, US5429629 A, US5429628 A, US5415643 A, US5413568 A, US5401267 A, US5399412 A, US5399175 A, US5389094 A, US5360420 A, US5354400 A, US5350624 A, US5342342 A, US5342337 A, US5324575 A, US5324278 A, US5308346 A, US5300055 A, US5267992 A, US5236428 A, US5235515 A, US5219342 A, US5217447 A, US5217445 A, US5188625 A, US5171302 A, US5151092 A, US5147345 A, US5147343 A, US5030314 A, US5009653 A, US5007906 A, US4973325 A, US4964857 A, US4961736 A, US4950264 A, US4936839 A, US4886513 A, US4879170 A, US4846824 A, US4804380 A, US4758240 A, US4753644 A, US4738677 A, US4701177 A, US4687478 A, US4662876 A, US4655759 A, US4654040 A, US4608047 A, US4589876 A, US4578070 A, US4576597 A, US4576596 A, US4573986 A, US4556560 A, US4556146 A, US4536181 A, US4496359 A, US4490147 A, US4480516 A, US4476180 A, US4463045 A, US4425130 A, US4421812 A, US4405326 A, US4397644 A, US4342314 A, US4324246 A, US4285343 A, US4247362 A, US4195634 A, US4100324 A, US4015604 A, US3989867 A, US3921232 A, US3881491 A, US3881489 A, US3860003 A, US3667466 A, US3575174 A, US3294091 A, US3156242 A, US3126888 A, US2747575 A, US2683457 A, US2064431 A, GB2306333, GB2168612, EP0945110, EP0893517, EP0868894, EP0815817 A1, EP0815817, EP0804914 A1, EP0804914, EP0768070 A1, EP0768070, EP0758543, EP0758220, EP0687453, EP0652736, EP0638303, EP0612233, EP0564307, EP0552345, EP0520884, EP0516964, EP0419434, EP0400895, EP0360285 A2, EP0360285, EP0136524, EP0117613, DE19640451, CA884608, AU699325,

0) US2007056704A – PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTR...

88) Family number: 34294162 (US2007056704A) © PatBase

Title: PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTRATE HAVING NON–UNIFORM STRETCH CHARACTERISTICS

Priority: US20050222701 20050909 US20060516892 20060907 WO2006US34816 20060907

Family:

Publication number	Publication date	Application number	Application date
CA2622027 AA	20080310	CA20062622027	20060907
CA2622027 C	20120918	CA20062622027	20060907
CL2006002372 A1	20070525	CL20060002372	20060908
EP1922448 A2	20080521	EP20060790194	20060907
US2007056704 AA	20070315	US20060516892	20060907
US2007059495 AA	20070315	US20050222701	20050909
US7597777 BB	20091006	US20050222701	20050909
US7678229 BB	20100316	US20060516892	20060907
WO07030592 A2	20070315	WO2006US34816	20060907
WO07030592 A3	20070816	WO2006US34816	20060907

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II

Assignee(s):	PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s):(std)	WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II ; WILKE II NICHOLAS JEROME
Inventor(s):	WILKE NICHOLAS ; WILKE NICHOLAS JII ; WILKE NICHOLAS JEROME
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	B29C59/04 B31F1/07 B32B3/28 D21F11/00 D21H27/02 (Advanced/Invention); B31F1/00 B32B3/28 D21F11/00 D21H27/02 (Core/Invention)
CPC:	Y10T156/1023 Y10T428/24463 Y10T428/24628 Y10T428/24678 D21H27/02 D21H27/002
European class:	D21H27/02 N21H27/00D
US class:	156/209 162/117 162/123 162/204 428/154 428/174 428/180
Classification Explorer	
Cited documents:	WO9850481, WO9406623, WO05080677 A2, WO05032320 A2, WO03072344, WO03031170, WO0073053, USRE27453 E, US7320821 BB, US7285317 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6461720 BA, US6395133 BA, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6277467 BA, US6277466 BA, US6277226 BA, US6203664 BA, US6193918 BA, US6165319 A, US6153053 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6077390 A, US6033761 A, US6033523 A, US6030690 A, US602577 A, US5922439 A, US5904812 A, US5885417 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5804281 A, US5779965 A, US5686168 A, US5679222 A, US5637194 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5556509 A, US5549790 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5458950 A, US5436057 A, US5409572 A, US5356506 A, US5339730 A, US5294475 A, US5269983 A, US5173351 A, US5158819 A, US5155604 A, US5091032 A, US4984824 A, US4933120 A, US4927588 A, US4921034 A, US4913911 A, US4913858 A, US4759967 A, US4758296 A, US4717221 A, US4671983 A, US4610743 A, US4556378 A, US4528239 A, US4339088 A, US4326002 A, US4325773 A, US4320162 A, US4184700 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3668055 A, US3556907 A, US3414459 A, US2005095400 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US2003021953 AA, US2003008109 AA, US2002180097 AA, US1863973 A, GB2377674, EP1312466 A1, EP1232854 B1, EP1044807, DE4218860 A1, DE1807842 A1,

0) US2010101705A – METHOD AND DEVICE FOR CLOSING THE TAIL END OF A...

89) Family number: 42405194 (US2010101705A)

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Title:	METHOD AND DEVICE FOR CLOSING THE TAIL END OF A LOG WEB MATERIAL AND LOG OF OBTAINED
Priority:	EP20080751544 20080411 IT2007FI00087 20070413 WO2008IT00236 20080411 US20090450770 20091027 US20110067522 20110607

Family:

Publication number	Publication date	Application number	Application date
BRPI0810650 A2	20141104	BR2008PI10650	20080411
CA2682829 AA	20081023	CA20082682829	20080411
CA2682829 C	20151222	CA20082682829	20080411
CN101674993 A	20100317	CN200880014138	20080411
CN101674993 B	20130327	CN200880014138	20080411
DE602008039256 D1	20150910	DE200860039256T	20080411
EP2139798 A1	20100106	EP20080751544	20080411
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ITFI20070087 A1	20081014	IT2007FI00087	20070413
JP2010523441 T2	20100715	JP20100502640T	20080411
JP5331793 B2	20131030	JP20100502640T	20080411
US2010101705 AA	20100429	US20080450770	20080411
US2011265954 AA	20111103	US20110067522	20110607
US8585846 BB	20131119	US20080450770	20080411
US8652283 BB	20140218	US20110067522	20110607
WO08126122 A1	20081023	WO2008IT00236	20080411

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO ; ROMANO MADDALENI ; GRAZIANO MAZZACCHERINI

Inventor(s): MAZZACCHERINI GRAZIANO 55016 PORCARI ; MADDALENI ROMANO 56031 BIENTINA ; GELLI MAURO 55066 CAPANNORI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9)**:** B05C1/00 B05C19/02 B05C3/00 B29C63/10 B29C65/00 B29C65/52 B29C70/34 B31C1/00 B32B37/00 B32B37/10 B32B38/00 B32B41/00 B65C3/12 B65C3/16 B65C9/04 B65C9/22 B65C9/28 B65C9/40 B65H19/29 B65H26/00 B65H81/00 G05G15/00 (Advanced/Invention); B32B37/10 B32B38/00 B65H19/22 (Core/Invention)

CPC: B65H19/29 B65H2301/414425 B65H2301/414428 B65H2301/414446 B65H2301/41445

European class: B65H19/29 L65H301/41442D L65H301/41442F L65H301/41444B L65H301/41445

US class: 118/243 118/423 156/152 156/184 156/187 156/191 156/357 156/361 156/443 156/444 156/446 156/446S 156/449 156/456 156/459

Classification Explorer

Cited documents: WO06092818 A1, WO06070431 A1, WO04046006 A3, WO04046006 A2, US6682623 BA, US6050519 A, US5716489 A, US5681421 A, US5259910 A, US5242525 A, US4332324 A, US3960272 A, US3898920 A, US2005258298 AA, GB1009697 A, EP0592375 A1, DE2627558 A1, DE19528264 A1, DE19528264,

0) US4568341A – ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND ...

90) Family number: 1970355 (US4568341A)

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Title: ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND METHODS OF PRODUCTION

Priority:

CA19820400125	19820331	CA19820400155	19820331	CA19820400166	19820331
CA19820400176	19820331	CA19820400179	19820331	CA19820479541	19820331
EP19820301701	19820331	CA19850479541	19850418	US19810249318	19810331
US19810249319	19810331	US19810254314	19810415	US19810267833	19810528
WO1982US00312	19820310				

Family:

Publication number	Publication date	Application number	Application date
AT30671 E	19871115	AT19820301701T	19820331
AU198283914 A1	19821019	AU19820083914	19820310
AU564870 B2	19870827	AU19820083914	19820310
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CA1174836 A1	19840925	CA19820400176	19820331
CA1174837 A1	19840925	CA19820400201	19820331
CA1187684 A1	19850528	CA19820400166	19820331
CA1194456 A1	19851001	CA19820400125	19820331
CA1194457 A1	19851001	CA19820400179	19820331
CA1194458 A1	19851001	CA19820400206	19820331
CA1207995 A1	19860722	CA19820479541	19820331
CA1207995 A2	19860722	CA19850479541	19850418
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DK158560 B	19900611	DK19820005306	19821129
DK158560 C	19901105	DK19820005306	19821129
DK530682 A	19821129	DK19820005306	19821129
EP0062495 A2	19821013	EP19820301701	19820331
EP0062495 A3	19830330	EP19820301701	19820331
EP0062495 B1	19871111	EP19820301701	19820331
FI77975 B	19890228	FI19820004097	19821129
FI77975 C	19890612	FI19820004097	19821129
FI824097 A	19821129	FI19820004097	19821129
FI824097 A0	19821129	FI19820004097	19821129
FI824097 L	19821129	FI19820004097	19821129
GR75919 B	19840802	GR19820167740	19820329
JP58500742 T2	19830512	JP19820501301T	19820310
JP61050458 B4	19861104	JP19820501301	19820310
NO158446 B	19880606	NO19820003954	19821125
NO158446 C	19880914	NO19820003954	19821125
NO823954 A	19821125	NO19820003954	19821125
US4568341 A	19860204	US19830474253	19830310
WO8203324 A1	19821014	WO1982US00312	19820310

Probable Assignee: STOCKING CAROL M

Assignee(s):(std)**:** MITCHELL JAMES G MITCHELL WINA ; MITCHELL J G ; MITCHELL W G ; MITCHELL JAMES G ; MITCHELL WINALEE G

Assignee(s): STOCKING CAROL M ; MITCHELL JAMES G SUITE ; MITCHELL J G MITCHELL W G ; STRADER CHARLES J ; PFAFF ALAN R JR ; WINALEE G MITCHELL ; STRAUSS ROBERT E ; BELL JERRY L ; BOLLINGER WILLIAM C ; JAMES G MITCHELL ; KEINATH DAVID P ; MITCHELL IRREVOCABLE TRUST

Inventor(s):(std)**:** BELL JERRY L ; BOLLINGER WILLIAM C ; KEINATH DAVID P ; MITCHELL J G ; MITCHELL J G MITCHELL W G PFAF ; MITCHELL JAMES G ; MITCHELL JR ; MITCHELL W G ; MITCHELL WINALEE G ; PFAFF ALAN R JR ; PFAFF JR ALAN R ; STRADER CHARLES J ; STRAUSS R E KEINATH D P STRADE ; STRAUSS ROBERT E

; WILLIAM C BOLLINGER ; PFAFF ALAN R ; MITCHELL WINALLE G ; KEINATH DAVID R ; JR MITCHELL ; JAMES G

Inventor(s): STRAUSS R E KEINATH D P STRADER C J BOLLINGER W C ; MITCHELL J G MITCHELL W G PFAFF A R BELL J L ; PFAFF JR ; MITCHELL WG ; MITCHELL JG

Designated states: AT AU BE CH DE DK FI FR GB IT JP LI LU NL NO SE

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/53 A61F15/00 A61F5/44 (Advanced/Invention); A61F13/15 A61F5/44 (Core/Invention)

International class (IPC 1–7): A41B13/02 A61F13/00 A61F13/16 A61F13/18 A61F13/20 A61F13/46 A61F15/00 A61F5/44

CPC: A61F13/534 A61F5/4401 A61F13/15203 A61F13/15211 A61F13/15699 A61F13/53436 A61F13/537 A61F2013/15821 A61F2013/5055 A61F2013/530481 A61F2013/53445 A61F2013/53782 A61F2013/53786 A61F2013/8488 A61F13/53427 A61F2013/49076

European class: A61F13/15J A61F13/15J2 A61F13/15M5 A61F13/534 A61F13/534B4 A61F13/534B6 A61F13/537 A61F5/44B K61F13/15E2 K61F13/15E2A K61F13/15E2D K61F13/15E2D1 K61F13/15E2D2 K61F13/15E7 K61F13/15H10 K61F13/15H11 K61F13/15H7 K61F13/15J2 K61F13/15M11 K61F13/49H5 K61F13/505A K61F13/534 K61F13/534C K61F13/537 K61F13/537E4 K61F13/537E5 K61F13/53Q K61F13/84E

US class: 604/368 604/378 604/396

Classification Explorer

Cited documents: US810120 A, US4333464 A, US4317449 A, US4306559 A, US4297410 A, US4296234 A, US4293609 A, US4282874 A, US4252391 A, US4176667 A, US4173046 A, US4172066 A, US4155893 A, US4117184 A, US4105033 A, US4096312 A, US4093765 A, US4069821 A, US4055184 A, US4055180 A, US4044769 A, US3987792 A, US3939836 A, US3928105 A, US3927673 A, US3903889 A, US3890974 A, US3888256 A, US3886941 A, US3878283 A, US3865112 A, US3809089 A, US3805790 A, US3783872 A, US3773587 A, US3676263 A, US3666611 A, US3653382 A, US3620894 A, US3610244 A, US3545442 A, US3525337 A, US3491759 A, US3472724 A, US3395708 A, US3289254 A, US3286435 A, US3178494 A, US3046986 A, US2684240 A, US1843037 A, GB2017509 A1, GB1515768 A, GB1500559 A, GB1316833 A, DE2559606 B2, DE2559606 A1, DE2554640 A1, BE752366 A, BE317413 A, AT317413 B, AT317413,

0) US2008217809A – ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE...

91) Family number: 42146928 (US2008217809A)

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Title: ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE

Priority:

CN200880007325	20080305	US20070713992	20070305	US20070714020	20070305
US20070714021	20070305	US20110073185	20110328	US20130940653	20130712
WO2008IB50793	20080305	US20160156970	20160517	US20160225141	20160801
US20160291383	20161012				

Family:

Publication number	Publication date	Application number	Application date
BRPI0808106 A2	20140617	BR2008PI08106	20080305
CA2680156 AA	20090904	CA20082680156	20080305
CN101626747 A	20100113	CN200880007325	20080305
CN106137546 A	20161123	CN201610592409	20080305
EP2117493 A1	20091118	EP20080719560	20080305
IN05683DN2009 A	20100528	IN2009DN05683	20090902
JP2010520005 T2	20100610	JP20090552315T	20080305
KR20090117788 A	20091112	KR20097018527	20080305
MX2009009295 A1	20090910	MX20090009295	20080305
US2008217809 AA	20080911	US20070713992	20070305

US2008221538 AA	20080911	US20070714020	20070305
US2008221539 AA	20080911	US20070714021	20070305
US2011174430 AA	20110721	US20110073185	20110328
US2013304012 AA	20131114	US20130940653	20130712
US2016257063 AA	20160908	US20160156970	20160517
US2016338879 AA	20161124	US20160225141	20160801
US2017027766 AA	20170202	US20160291383	20161012
US7935207 BB	20110503	US20070713992	20070305
US8502013 BB	20130806	US20070714020	20070305
US9358705 BB	20160607	US20110073185	20110328
WO08107846 A1	20080912	WO2008IB50793	20080305

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** ARORA KELYN ANNE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; MCAFFRY KAREN DENISE ; PROCTER AND GAMBLE ; NOEL JOHN RICHARD ; ZHAO JEAN JIANQUN

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** ANNE ARORA KELYN ; ARORA KELYN ANNE ; DENISE MCAFFRY KAREN ; FRANCIS GRAY BRIAN ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; JIANQUN ZHAO JEAN ; NOEL JOHN RICHARD ; RICHARD NOEL JOHN ; WAYNE GILBERTSON GARY ; MCAFFRY KAREN DENISE ; ZHAO JEAN JIANQUN ; ARORA KELYN ANN

Inventor(s): NOEL JOHN ; ZHAO JEAN ; JOHN RICHARD NOEL ; KAREN DENISE MCAFFRY ; KELYN ANNE ARORA ; MCAFFRY KAREN ; JEAN JIANQUN ZHAO ; GRAY BRIAN ; GARY WAYNE GILBERTSON ; GILBERTSON GARY ; BRIAN FRANCIS GRAY ; ARORA KELYN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/47 A61F13/472 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 B29C43/00 B29C43/22 B29C43/46 B29C53/02 B29C59/00 B29C59/02 B29C59/04 B29C65/02 B32B37/16 B32B37/20 B32B38/04 (Advanced/Invention); B29K105/04 B29L31/48 (Advanced/Non–invention); A61F13/15 B29C43/00 (Core/Invention)

International class (IPC 1–7): A61F13/532

CPC: A61F13/47 A61F13/15699 A61F13/15723 B29C43/222 B29C2043/464 B29K2105/04 B29K2995/0065 B29L2031/4878 Y10T156/1007 Y10T156/101 Y10T156/102 Y10T156/1074 B29C59/046 B29C65/02 B29K2313/00 B29C43/46 A61F13/15731 A61F13/472 B29C59/025 B29C59/002 B29K2623/12 B29K2623/06 A61F2013/530226 A61F2013/15422 A61F2013/530343 A61F2013/530437 A61F2013/530868 A61F13/15707 A61F13/533 A61F13/536

European class: A61F13/15M6 A61F13/533 A61F13/536 B29C43/22B B29C43/46 L29C43/46A3 L29K105/04 L29K995/00F16 L29L31/48E2

US class: 1/1 156/199 156/201 156/207 156/209 156/263 156/290 264/229 264/229P 604/367 604/367P 604/368 604/368S 604/374 604/378 604/378P 604/380 604/385.01 604/385.101

Classification Explorer

Cited documents: WO9700656 A1, WO9515138 A1, WO9301780, WO05011936 A1, WO04059061 A1, WO04058497 A1, WO04058118 A1, WO02100632 A1, WO0176523 A1, USH1698 H1, USD494369 S1, USD481872 S1, USD466702 S1, USD444631 S1, USD375844 S1, US96815401, US79041804, US7172801 BB, US7154020 BB, US7137971 BB, US7037569 BB, US7005558 BA, US6955847 BA, US6911573 BB, US6890622 BB, US6884494 BA, US6878433 BB, US6872274 BB, US6869660 BB, US6863960 BB, US6855220 BB, US6837956 BB, US6830800 BB, US6818802 BB, US6808791 BB, US6794626 BB, US6740792 BB, US6730622 BB, US6726870 BA, US6721987 BB, US6716498 BB, US6669878 BB, US6647549 BB, US6632504 BA, US6626961 BA,

US6620485 BA, US6613028 BA, US6610391 BB, US6545197 BA, US6537936 BA, US6506329 BA, US6491928 BA, US6488670 BA, US6479130 BA, US6458447 BA, US6454690 BB, US6452064 BA, US6451718 BA, US6423884 BA, US6420625 BA, US6410823 BA, US6398895 BA, US6395211 BA, US6395122 BA, US6383431 BA, US6362391 BA, US6355200 BA, US6350332 BA, US6323388 BA, US6290686 BA, US6287407 BA, US6264872 BA, US6247914 BA, US6203654 BA, US6176954 BA, US6176954 B1, US6171682 BA, US6171682 B1, US6168849 BA, US6168849 B1, US6155083 A, US6150002 A, US6129801 A, US6120718 A, US6117524 A, US6114263 A, US6103953 A, US6096016 A, US6059764 A, US6057023 A, US6049024 A, US6048600 A, US6039555 A, US6027483 A, US6025050 A, US6007468 A, US5993432 A, US5989688 A, US5986167 A, US5968029 A, US5964742 A, US5961505 A, US5932316 A, US5925026 A, US5919177 A, US5916661 A, US5914084 A, US5895623 A, US5891544 A, US5879494 A, US5876391 A, US5858504 A, US5841107 A, US5830555 A, US5817400 A, US5817394 A, US5814389 A, US5804021 A, US5792404 A, US5743776 A, US5741107 A, US5730738 A, US5725705 A, US5723087 A, US5714107 A, US5709829 A, US5704101 A, US5700255 A, US5691035 A, US5683375 A, US5681300 A, US5674212 A, US5667625 A, US5667619 A, US5658639 A, US5656119 A, US5650214 A, US5648142 A, US5628097 A, US5626571 A, US5624427 A, US5620214 A, US5607414 A, US5599420 A, US5580418 A, US5575874 A, US5573719 A, US5567501 A, US5560794 A, US5558655 A, US5554145 A, US5550167 A, US5536555 A, US5533991 A, US5518801 A, US5508080 A, US5505718 A, US5470326 A, US5466513 A, US5445777 A, US5439458 A, US5437653 A, US5429854 A, US5415640 A, US5414914 A, US5387209 A, US5387207 A, US5383870 A, US5382245 A, US5352711 A, US5331015 A, US5281208 A, US5242632 A, US5223319 A, US5188625 A, US5180620 A, US5171238 A, US5167897 A, US5165979 A, US5156793 A, US5144730 A, US5078710 A, US5069676 A, US5062418 A, US5019062 A, US5009653 A, US4953270 A, US4950264 A, US4935087 A, US4886632 A, US4859519 A, US4840829 A, US4840692 A, US4820294 A, US4798604 A, US4781962 A, US4758297 A, US4741941 A, US4676786 A, US4629643 A, US4588630 A, US4578068 A, US4559050 A, US4529480 A, US4469734 A, US4465726 A, US4443512 A, US4397644 A, US4379799 A, US4276336 A, US4260443 A, US4135021 A, US4116892 A, US4042453 A, US4035881 A, US3967623 A, US3965906 A, US3960652 A, US3949127 A, US3908659 A, US3881987 A, US3760671 A, US3718059 A, US3695270 A, US3684284 A, US3681183 A, US3681182 A, US3579763 A, US3566726 A, US3542634 A, US3540073 A, US3511740 A, US3505703 A, US3355974 A, US3337388 A, US3137893 A, US3081512 A, US3081500 A, US3073304 A, US3062379 A, US3046986 A, US2924863 A, US2748863 A, US2633441 A, US2404758 A, US2275425 A, US2068456 A, US2008221539 AA, US2008221538 AA, US2008217809 AA, US2008114317 AA, US2007299416 AA, US2007135787 AA, US2007116926 AA, US2006286343 AA, US2006206074 AA, US2006087053 AA, US2006069367 AA, US2006058762 AA, US2006041239 AA, US2006019056 AA, US2005281978 AA, US2005279470 AA, US2005140057 AA, US2005123726 AA, US2005118389 AA, US2005096614 AA, US2005071938 AA, US2005064136 AA, US2005021753 AA, US2004265534 AA, US2004265533 AA, US2004253894 AA, US2004242097 AA, US2004229008 AA, US2004161991 AA, US2004157036 AA, US2004137200 AA, US2004131820 AA, US2004127875 AA, US2004126531 AA, US2004122396 AA, US2004121686 AA, US2004022993 AA, US2003191443 AA, US2003191442 AA, US2003124927 AA, US2003097113 AA, US2003093046 AA, US2003085213 AA, US2003077970 AA, US2003050589 AA, US2003045848 AA, US2003028165 AA, US2003021951 AA, US2002180092 AA, US2002177827 AA, US2002132544 AA, US2002119720 AA, US2002107495 AA, US2002105110 AA, US2002103469 AA, US2002040211 AA, US2002039867 AA, US15292402, JPS60210257, JPS5870222 U, JP9506798 T2, JP60210257 A2, JP58070222 U1, JP5506164 T2, JP2011137 A2, JP2006510466 T2, JP2006198130 A2, JP2004532142 T2, JP2003530963 T2, GB950074, GB1088991 A, FR2713083 A1, EP1217106 B1, EP1004412 A1, EP0963747 A1, EP0955159 A1, EP0509012 B1,

0) CO6720970A – SURTIDOR DE HOJAS HUMEDAS

92) Family number: 54819664 (CO6720970A)

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Title: SURTIDOR DE HOJAS HUMEDAS

Priority: CO20130117019 20130510 WO2010EP65194 20101011 WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
CO6710950 A2	20130715	CO20130117019	20130510
CO6710950 A2	20130715	CO20130117018	20130510
CO6720970 A2	20130731	CO20130117019	20130510

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKER ; MARCEL SCHMIDT ; RALPH BREMENKAMP

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

Classification Explorer

0) US5915536A – PROCESS FOR MANUFACTURING SHORTS OR TROUSERS

93) Family number: 20656204 (US5915536A) © PatBase

Title: Process for manufacturing shorts or trousers

Priority: EP19980914522 19980406 US19970841961 19970408 US19990348796 19990707 US19970841988 19970408 WO1998US06784 19980406 US19970941961 19970408

Family:

Publication number	Publication date	Application number	Application date
AT342029 E	20061115	AT19980914522T	19980406
AU199868859 A1	19981030	AU19980068859	19980406
AU739289 B2	20011011	AU19980068859	19980406
CA2284839 AA	19990922	CA19982284839	19980406
CA2284839 C	20070227	CA19982284839	19980406
DE69836132 D1	20061123	DE19986036132	19980406
DE69836132 T2	20070329	DE19986036132T	19980406
EP0973472 A1	20000126	EP19980914522	19980406
EP0973472 B1	20061011	EP19980914522	19980406
EP1745766 A2	20070124	EP20060017099	19980406
EP1745766 A3	20100310	EP20060017099	19980406
ES2274568 T3	20070516	ES19980914522T	19980406
IL131922 A0	20010319	IL19980131922	19980406
IL131922 A1	20040725	IL19980131922	19980406
JP2002511117 T2	20020409	JP19980542998T	19980406
JP4538855 B2	20100908	JP19980542998T	19980406
TR9902493 T2	20010122	TR19990002493T	19980406
US5915536 A	19990629	US19970841961	19970408
US6009558 A	20000104	US19970841988	19970408
US6115847 A	20000912	US19990348796	19990707
US6192521 BA	20010227	US19970841961	19970408

WO9844883 A1	19981015	WO1998US06784	19980406

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KVITEK THOMAS THEODORE ; MUHLEBACH MICHAEL JOSEPH ; FRIES DONALD MERLIN DECEASED ; KONETZKE RICHARD MARK ; WITTMANN JON MARK ; RIBBLE BRENDON FRANK ; ROSCH PAULETTE MARY ; NELSON MICHAEL JOSEPH ; RABE GERALD LEIGH ; ROTH JAMES FREDERICK ; ALBERTS JOSEPH RICHARD ; DREZDZON EDWARD ANTHONY II

Inventor(s):(std)**:** ALBERTS JOSEPH RICHARD ; ALBERTS RICHARD ; DREZDZON ANTHONY ; DREZDZON EDWARD ANTHONY II ; DREZDZON II EDWARD ANTHONY ; FRIES DONALD MERLIN ; FRIES MERLIN ; II EDWARD ANTHONY DREZDZON ; KONETZKE MARK ; KONETZKE RICHARD MARK ; KVITEK THEODORE ; KVITEK THOMAS THEODORE ; MUHLEBACH JOSEPH ; MUHLEBACH MICHAEL JOSEPH ; MUHLEBACH MICHEL JOSEPH ; NELSON JOSEPH ; NELSON MICHAEL JOSEPH ; RABE GERALD LEIGH ; RABE LEIGH ; RIBBLE BRENDON FRANK ; RIBBLE FRANK ; ROSCH MARY ; ROSCH PAULETTE MARY ; ROTH FREDERICK ; ROTH JAMES FREDERICK ; ROTH JAMES FREDERIK ; WITTMAN JON MARK ; WITTMANN JON MARK ; WITTMANN MARK

Inventor(s): THOMAS THEODORE KVITEK ; RICHARD MARK KONETZKE ; PAULETTE MARY ROSCH ; MICHAEL JOSEPH MUHLEBACH ; MICHAEL JOSEPH NELSON ; JAMES FREDERICK ROTH ; JON MARK WITTMANN ; JOSEPH RICHARD ALBERTS ; GERALD LEIGH RABE ; FRIES DONALD MERLIN DECEASED ; EDWARD ANTHONY DREZDZON II ; BRENDON FRANK RIBBLE ; DONALD MERLIN FRIES

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A41B9/02 A41B9/12 A41D1/06 A41D1/14 A41D13/12 A41D7/00 A61F13/15 A61F13/72 A61F5/44 (Advanced/Invention); A41D1/06 A41D13/12 A61F5/44 (Advanced/Non–invention)

International class (IPC 1–7): A41B9/02 A41B9/12 A41D1/06 A41D1/14 A41D13/12 A41D27/00 A61F13/15 A61F13/72 A61F5/44

CPC: A41D7/00 A61F13/15739 A61F13/15804 A61F13/496

European class: A41D7/00 A61F13/15M10 A61F13/15M6D A61F13/496

US class: 156/73.1 2/212 2/227 2/228 2/238 2/400 2/404 2/80 450/95 604/358 604/385.19

Classification Explorer

Cited documents: WO9718785 A1, WO9603950 A1, WO9603949 A1, WO9518589 A1, US5931825 A, US5921974 A, US5876394 A, US5843068 A, US5711832 A, US5531732 A, US5435014 A, US5379462 A, US5340424 A, US5204997 A, US5188885 A, US5178931 A, US5169706 A, US5145727 A, US5116662 A, US5114781 A, US4940464 A, US4938757 A, US4938754 A, US4938753 A, US4798603 A, US4747846 A, US4720415 A, US4657802 A, US4639949 A, US4606964 A, US4405297 A, US4388075 A, US4340563 A, US4327448 A, US4313293 A, US4041203 A, US3849241 A, US3802817 A, US3692618 A, US3678514 A, US3542615 A, US3502763 A, US3341394 A, US3338992 A, US3333589 A, US2835897 A, US2827638 A, US2825906 A, US2617112 A, US2599769 A, US2526978 A, US043132, JP4028365 A2, JP2004364 A2, GB2284741 A1, EP0539703 A1, EP0538703 A1,

0) US2008283656A – REWINDING MACHINE, FOR THE PRODUCTION OF LOGS O...

94) Family number: 31990320 (US2008283656A)

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Title: REWINDING MACHINE, FOR THE PRODUCTION OF LOGS OF WEB MATERIAL AND LOGS OBTAINED

Priority: IT2003FI00311 20031205 WO2004IT00651 20041125

Family:

Publication number	Publication date	Application number	Application date
AT481343 E	20101015	AT20040806816T	20041125
BRPI0416547 A	20070109	BR2004PI16547	20041125
CN1890167 A	20070103	CN200480036140	20041125
CN1890167 B	20110112	CN200480036140	20041125
DE602004029207 D1	20101028	DE200460029207T	20041125
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ES2350469 T3	20110124	ES20040806816T	20041125
ITFI20030311 A1	20050606	IT2003FI00311	20031205
JP2007513031 T2	20070524	JP20060542117T	20041125
JP4696072 B2	20110608	JP20060542117T	20041125
KR20060125833 A	20061206	KR20067013475	20041125
US2008283656 AA	20081120	US20040581621	20041125
US7832676 BB	20101116	US20040581621	20041125
WO05054103 A1	20050616	WO2004IT00651	20041125

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** FABIO PERINI S P A ; FABIO PERONI S P A ; PERINI FABIO SPA ; GELLI MAURO

Assignee(s): FABIO PERINI SPA

Inventor(s):(std)**:** MAURO GELLI ; GELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B65H18/08 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H20/10 B65H35/10 B65H55/02 (Advanced/Invention);
B65H19/22 B65H19/26 B65H19/30 (Advanced/Non–invention);
A47K10/00 B65H18/08 B65H19/22 B65H19/28 B65H19/30 B65H20/10 B65H55/00 (Core/Invention);
B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/26

CPC: B65H19/2269 B65H19/267 B65H2301/41424 B65H2301/41425 B65H2406/31 B65H2406/411 B65H2408/235 B65H2513/104

European class: B65H19/22B6 B65H19/26C L65H301/41424 L65H301/41425 L65H406/31 L65H406/411 L65H408/235 L65H513/104

US class: 242/520 242/520S 242/521 242/521P 242/532.2 242/533

Classification Explorer

Cited documents: WO04071914 A1, WO04050520 A2, WO04046006 A2, WO04035441 A1, WO0172620 A1, US7392961 BB, US6752344 BA, US6056229 A, US5979818 A, US5849357 A, US5839680 A, US5769352 A, US5725176 A, US5690296 A, US5639046 A, US5542622 A, US5538199 A, US5368252 A, US5267703 A, US5249756 A, US5248106 A, US5137225 A, US5040738 A, US5031850 A, US4909492 A, US4512528 A, US4487377 A, US4327877 A, US4248106 A, US2002017587 AA, JP8507997 T2, JP8507997, JP6298414 A2, JP6298414, JP6135604 A2, JP6135604, JP5652345, JP56052345 A2, JP56052345, JP2001261203 A2, JP2001261203, ITMI951174 A1, IT1995A001174, GB2150536 A1, GB2105687 A1, GB1435525 A, EP1219555 A1, EP0199286 A2,

0) US2013226120A – ABSORBENT STRUCTURE

95) Family number: 50536202 (US2013226120A) © PatBase

Title: ABSORBENT STRUCTURE

Priority:

AU20110316136	20111013	AU20160203745	20160604	EP20100447022	20101013
EP20100447021	20101013	EP20100447020	20101013	CN201180060002	20111013
EP20100447023	20101013	EP20110153268	20110203	EP20110153268	20110203
EP20100447024	20101013	WO2011EP05138	20111013	EP20110770376	20111013
EP20110773682	20111013	EP20140183749	20111013	WO2011EP05139	20111013

Family:

Publication number	Publication date	Application number	Application date
AU2011316136 AA	20120419	AU20110316136	20111013
AU2016203745 AA	20160623	AU20160203745	20160604
AU2016203745 BB	20171019	AU20160203745	20160604
CN103313683 A	20130918	CN201180060002	20111013
CN103313683 B	20170208	CN201180060002	20111013
CN107095746 A	20170829	CN201710000747	20111013
EP2441417 A1	20120418	EP20100447022	20101013
EP2441418 A1	20120418	EP20100447023	20101013
EP2444043 A1	20120425	EP20100447021	20101013
EP2444044 A1	20120425	EP20100447024	20101013
EP2450012 A1	20120509	EP20100447020	20101013
EP2627294 A1	20130821	EP20110770376	20111013
EP2627295 A1	20130821	EP20110773682	20111013
EP2810630 A1	20141210	EP20140183749	20111013
FR2966039 A3	20120420	FR20110059247	20111013
FR2966039 B3	20121109	FR20110059247	20111013
JP3172565 U	20111222	JP20110006001U	20111013
US2013226120 AA	20130829	US20110879454	20111013
US2014039437 AA	20140206	US20110879498	20111013
US9603750 BB	20170328	US20110879498	20111013
WO12048878 A1	20120419	WO2011EP05138	20111013
WO12048879 A1	20120419	WO2011EP05139	20111013

Probable Assignee: DRYLOCK TECHNOLOGIES NV

Assignee(s):(std)**:** DRYLOCK TECH NV ; ROMANOVA BVA STARTER ; ROMANOVA BVBA STARTER ; VAN DE MAELE MARLEEN

Assignee(s): DRYLOCK TECHNOLOGIES NV

Inventor(s):(std)**:** VAN DE MAELE MARLEEN

Inventor(s): MARLEEN VAN DE MAELE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/53 A61F13/532 A61F13/539 B05C1/10 B05C19/04 B05D1/32 B32B3/28 B32B37/00 B32B37/24 B32B5/16 B32B5/30 B32B7/04 B65B9/04 D04H1/46 F16F15/02 (Advanced/Invention); A61F13/53 (Advanced/Non–invention)

CPC:

	A61F13/15658 B32B7/04 B32B3/28 B32B5/16 B32B37/0076 D04H1/465 A61F13/15585 A61F13/539 A61F2013/530562 A61F2013/530591 B05C1/10 B05C19/04 B05D1/32 B05D2401/32 B32B5/30 B32B37/24 B32B2555/02 A61F13/5323 Y10T428/239 Y10T428/24893
European class:	A61F13/15M3G A61F13/532B A61F13/539 B32B7/04
US class:	156/379.8 156/390 156/62.2 156/70 28/104 428/206 428/76 604/372 604/384
Classification Explorer	
Cited documents:	WO9526209 A1, WO9521596 A1, WO9517868 A1, WO12052173, US9295593 BB, US8633347 BB, US6833014 BB, US6591584 BA, US6162327 A, US6015608 A, US5938650 A, US5643238 A, US5593399 A, US5494622 A, US5433715 A, US5411497 A, US5118376 A, US5030314 A, US4795454 A, US4715918 A, US4381783 A, US4209553 A, US4124116 A, US2014296817 AA, US2008312621 AA, US2008312618 AA, US2007167928 AA, US2007088308 AA, US2006021695 AA, US2006004334 AA, US2003208177 AA, US2002095127 AA, JP2006263074 A2, GB2283680 A1, GB2283679 A1, EP2022452 A1, EP1655007 A1, EP1632206 A1, EP1621166 A1, EP1447066 A1, EP1142785 A1, EP10447027, EP0844859 A1, EP0724418 A1, EP0512010 A1, EP0432126 A1, EP0336578 B1, EP0336578 A1,

0) US2011311345A – HIGH ROLL DENSITY FIBROUS STRUCTURES

96) Family number: 50180797 (US2011311345A) © PatBase

Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Priority:

CA20112803084	20110615	CA20162803084	20160511	US20100356208P	20100618
US20110162630	20110617	WO2011US40513	20110615	US20170460321	20170316

Family:

Publication number	Publication date	Application number	Application date
AU2011268401 AA	20111222	AU20110268401	20110615
CA2803084 AA	20121218	CA20112803084	20110615
CA2803084 C	20160809	CA20112803084	20110615
CA2928608 AA	20111222	CA20112928608	20110615
EP2582876 A2	20130424	EP20110729508	20110615
FR2961529 A1	20111223	FR20110055311	20110617
MX2012014954 A1	20130212	MX20120014954	20110615
US2011311345 AA	20111222	US20110162630	20110617
US2017183824 AA	20170629	US20170460321	20170316
WO11159792 A2	20111222	WO2011US40513	20110615
WO11159792 A3	20120202	WO2011US40513	20110615

Probable Assignee:	PROCTER AND GAMBLE CO
Assignee(s):(std):	MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE
Assignee(s):	PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s):(std):	MCNEIL KEVIN BENSON
Inventor(s):	KEVIN BENSON MCNEIL
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	A47K10/16 B31F1/07 B65G49/00 B65G65/00 B65H18/08 B65H18/28 D21H17/07 D21H21/18 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/02 D21H27/005 B31F1/07 B65H18/08 D21H27/002 B31F2201/0733 B31F2201/0738

European class: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J

US class: 162/100 162/100S 162/109 162/109S 162/114 162/114S 414/800 414/800P

Classification Explorer

Cited documents: WO08107845 A2, WO03074398 A2, US7704601 BB, US7687140 BB, US7455260 BB, US7392961 BB, US7092781 BB, US7035706 BB, US7000864 BB, US6993964 BB, US6991144 BB, US6845282 BB, US6746569 BA, US6354530 BA, US6142407 A, US5913490 A, US5899404 A, US5810282 A, US5732901 A, US5712210 A, US5690297 A, US5667162 A, US5660350 A, US5335869 A, US4919351 A, US4300981 A, US3994771 A, US3977619 A, US26773605, US2012301536 AA, US2010030174 AA, US2010028621 AA, US2008245693 AA, US2007102559 AA, US2005132904 AA, US18547708, US18545808,

0) US2010248925A – ROLLING MECHANISM FOR HAVING AN OPENING PERFORA...

97) Family number: 46990399 (US2010248925A) © PatBase

Title: ROLLING MECHANISM FOR HAVING AN OPENING PERFORATION LINE ON A PLASTIC PACKAGING FILM AND METHOD THEREOF

Priority: EP20090171007 20090922 TW20090110582 20090331 TW20090110682 20090331

Family:

Publication number	Publication date	Application number	Application date
DE602009011674 D1	20130131	DE200960011674T	20090922
EP2236256 A1	20101006	EP20090171007	20090922
EP2236256 B1	20121205	EP20090171007	20090922
ES2399373 T3	20130327	ES20090171007T	20090922
JP2010240823 A2	20101028	JP20090247407	20091028
JP5138659 B2	20130206	JP20090247407	20091028
TW201034818 A	20101001	TW20090110582	20090331
TWI349607 B	20111001	TW20090110582	20090331
US2010248925 AA	20100930	US20090585019	20090901
US8152706 BB	20120410	US20090585019	20090901

Probable Assignee: CHAN LI MACHINERY CO LTD

Assignee(s):(std)**:** CHAN LI MACHINERY CO LTD ; HSU WEI HSIN

Assignee(s): CHAN LI MACHINERY CO ; CHAN LI MACHINERY CO LTD GUEISHAN SHIANG ; CHAN LI MACHINERY CO LTD TW

Inventor(s):(std)**:** HSU WEI HSIN ; XU WEI XIN

Inventor(s): HSU WEI HSIN 112

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): B26D1/20 B26D1/22 B26D3/08 B26D5/08 B26F1/20 B26F1/38 B26F1/44 B31B1/14 B31B3/14 (Advanced/Invention);
B31B1/14 B31B3/00 (Core/Invention);
B26D5/08 (Core/Non-invention)

CPC: Y10T83/4795 Y10T83/4836 Y10T83/4844 Y10T83/7813 B26F1/20 B26D1/205 B26D7/265 B26D2007/202 B65B61/02 B65D75/5833 B31B50/146 B31B70/14

European class: B26D1/20B B26D7/26C4 B26F1/20 B31B19/14 B65D75/58E1 L26D7/20A L31B201/14D L31B219/14 L65B61/02

US class: 493/241 493/365 493/365S 493/370 493/64 493/64P 493/65 493/65S 83/331 83/345 83/348 83/496

Classification Explorer

Cited documents: US6772663 B2, US4989487, US4982637 A, US4671152 A, US2010167896 AA, US2004182213 AA, TWI301093, TW482713, TW200846155 A, JP9201799 A2, JP8301317 A, JP20081395 A, JP200581512 A, JP2002264087 A2, JP2002264087, JP2000334698 A2, JP2000334698, EP0676262 A1, EP00676262,

DE202008000379 U1

0) WO07081244A1 – METHOD FOR PROVIDING A PERFORATION LINE HAVING ...

98) Family number: 34892824 (WO07081244A1) © PatBase

Title: METHOD FOR PROVIDING A PERFORATION LINE HAVING ENHANCED VISIBILITY ON A FIBROUS WEB MATERIAL, FIBROUS WEB MATERIAL OBTAINED BY THE METHOD AND FIBROUS WEB MATERIAL

Priority: WO2006SE00041 20060111

Family:

Publication number	Publication date	Application number	Application date
WO07081244 A1	20070719	WO2006SE00041	20060111

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SAARVAELI EVA LI ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SAARVAELI EVA LI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 (Advanced/Invention); A47K10/00 (Core/Invention)

CPC: A47K10/16

European class: A47K10/16

Classification Explorer

Cited documents: US6548136 BA, US5753331 A, US4238541 A,

0) US2003132549A – METHOD AND APPARATUS FOR WEAKENING A PORTION OF...

99) Family number: 28828693 (US2003132549A) © PatBase

Title: METHOD AND APPARATUS FOR WEAKENING A PORTION OF A WEB

Priority: US20010034994 20011228 WO2002US20720 20020627

Family:

Publication number	Publication date	Application number	Application date
AU2002346004 AA	20030724	AU20020346004	20020627
US2003132549 AA	20030717	US20010034994	20011228
US6838040 BB	20050104	US20010034994	20011228
WO03057436 A1	20030717	WO2002US20720	20020627

Probable Assignee:	KIMBERLY CLARK WORLDWIDE INC
Assignee(s):(std):	HAJOS TODD W ; KIMBERLY CLARK CO ; MLINAR JOSEPH A ; WAGNER KENNETH J
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC
Inventor(s):(std):	HAJOS TODD W ; MLINAR JOSEPH A ; WAGNER KENNETH J
Inventor(s):	TODD W HAJOS ; JOSEPH A MLINAR ; KENNETH J WAGNER
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
International class (IPC 8–9):	B26F3/00 B31F1/10 (Advanced/Invention); B26F3/00 B31F1/00 (Core/Invention)
International class (IPC 1–7):	A61F13/15 B26D7/06 B26F3/00 B28B11/08 B29C51/02 B29C51/10 B29C59/00 B29C69/02 B31F1/07 B44C1/24
CPC:	Y10T83/66 Y10T225/12 Y10T225/321 B26F3/002 B31F1/10
European class:	B26F3/00B B31F1/10
US class:	101/32 225/2 225/96 264/154 264/155 264/156 264/293 264/296 264/504 264/555 264/571 425/290 425/291 425/305.1 425/387.1 425/388 83/431
Classification Explorer	
Cited documents:	WO9856328 A1, WO9855292 A1, WO9843573 A1, WO9745333 A1, WO0020208 A1, WO0000119 A2, US6478786 BA, US6395211 BA, US6375646 BA, US6368689 BA, US6361527 BA, US6336922 BA, US6264641 BA, US6217563 BA, US6160200 A, US6132410 A, US6110157 A, US6083210 A, US6033353 A, US6027484 A, US5881622 A, US5879500 A, US5876392 A, US5858515 A, US5855574 A, US5820617 A, US5795350 A, US5746730 A, US5704566 A, US5603708 A, US5573524 A, US5562964 A, US5531732 A, US5449353 A, US5415649 A, US5375751 A, US5370634 A, US5340424 A, US5141142 A, US5037414 A, US4946086 A, US4940464 A, US4886632 A, US4850992 A, US4850988 A, US4842596 A, US4785696 A, US4771483 A, US4770656 A, US4699622 A, US4687477 A, US4681580 A, US4675015 A, US4646362 A, US4619649 A, US4610681 A, US4573986 A, US4561579 A, US4480000 A, US4407284 A, US4269188 A, US4217327 A, US3845682 A, US3835754 A, US3716132 A, US3667466 A, US3488778 A, JP3205053 A2, JP3176053 A2, JP10315339 A2, EP1010503 A2, EP0907510 B1, EP0844062 A1, EP0757550 B1, EP0570980 A1, EP0319314 A2, DE19813334 A1,

0) US2010252475A – SANITARY THIN PAPER CONTAINING BOX

100) Family number: 43386584 (US2010252475A) © PatBase

Title:	SANITARY THIN PAPER CONTAINING BOX
Priority:	EP20080860141 20081209 JP20070319002 20071210 WO2008JP72336 20081209

Family:

Publication number	Publication date	Application number	Application date
CN101896409 A	20101124	CN200880119452	20081209
CN101896409 B	20120829	CN200880119452	20081209
DE602008036502 D1	20150305	DE200860036502T	20081209
EP2233406 A1	20100929	EP20080860141	20081209
EP2233406 A4	20120307	EP20080860141	20081209
EP2233406 B1	20150121	EP20080860141	20081209
JP2009137643 A2	20090625	JP20070319002	20071210
JP4572228 B2	20101104	JP20070319002	20071210
KR101488553 B1	20150202	KR20107014963	20081209

KR20100101131 A	20100916	KR20107014963	20081209
US2010252475 AA	20101007	US20080746619	20081209
WO09075266 A1	20090618	WO2008JP72336	20081209

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** KONUMA ATSUSHI ; DAIO SEISHI KK

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO SHI

Inventor(s):(std)**:** ATSUSHI KONUMA ; KONUMA ATSUSHI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/20 A47K10/42 B65D5/70 B65D83/00 B65D83/08 (Advanced/Invention); A47K10/20 A47K10/42 B65D5/70 B65D83/08 (Advanced/Non–invention); A47K10/00 A47K10/24 B65D83/00 B65D83/08 (Core/Invention)

CPC: Y02W30/807 B65D83/0894

European class: B65D83/08H

US class: 206/494

Classification Explorer

Cited documents: US7360667 BB, US6863192 BB, US5908153 A, US5542598 A, US5332117 A, US5219421 A, US3603452 A, US2636599 A, US2006273107 AA, US2006000739 AA, US2005269343 AA, US2004112783 AA, JP9169370 A2, JP2007297079 A2, JP2005225564 A2, JP2005225563 A2, JP2005035592 A2, JP2001315868 A2, JP2000281155 A2,

- List: SS10 1–50 ((9) and TAC=(paper or sheet material or material or web)) (Results 776)

0) US2004238135A – FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET...

1) Family number: 32366228 (US2004238135A)

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Title: FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET

Priority:

CA20032501329	20031006	CA20032724104	20031006	CA20052559343	20050419
CA20052780065	20050419	CA20032724119	20031006	CA20032724121	20031006
EP20030773123	20031006	EP20050733808	20050412	CA20112501329	20110105
CA20142603753	20140814	CA20062603753	20060321	CN200580011734	20050419
CN200680017417	20060413	CA20122559343	20120703	US20020416666	20021007
US20020416666	20021007	US20020416666P	20021007	EP20060750109	20060413
EP20060739068	20060321	EP20060773075	20060613	EP20070795053	20070516
EP20130001369	20060321	EP20130001373	20060321	IN2006DN05449	20060919
EP20120001672	20050412	EP20140001776	20070516	EP20140001776	20140520
EP20080012591	20031006	EP20050736694	20050419	EP20140001775	20070516
US20070901673	20070918	US20060808863P	20060526	US20070804246	20070516
US20070901599	20070918	US20050693699	20050624	US20040563519	20040419
US20040562025	20040414	US20050673492	20050421	US20080156820	20080605
US20080156834	20080605	US20080286435	20080930	US20090319507	20090108
US20090319508	20090108	US20050108375	20050418	US20050104014	20050412
US20090460972	20090727	US20090460124	20090714	US20040563519P	20040419

US20050108458	20050418	US20050673492P	20050421	US20060402609	20060412
US20060451112	20060612	US20060451111	20060612	US20050693699P	20050624
US20030679862	20031006	US20030679682	20031006	US20040562025P	20040414
US20050804375	20050418	US20060451111	20060601	US20060402609P	20060412
US20030679862	20031003	US20060808863	20060526	WO2006US10132	20060321
WO2006US13973	20060413	WO2006US23037	20060613	WO2007US11967	20070516
US20100657645	20100125	US20090655555	20091231	WO2005US13272	20050419
US20100804210	20100716	US20100924233	20100923	WO2003US31418	20031006
US20120397753	20120216	US20120402132	20120222	US20110041706	20110307
US20120397745	20120216	US20120397756	20120216	US20120402153	20120222
WO2005US12320	20050412	US20120401981	20120222	US20120460940	20120501
US20120460936	20120501	US20120460891	20120501	US20120460885	20120501
US20100924233	20100930	US20130794982	20130312	US20130927250	20130626
US20140220244	20140320	US20150601386	20150121		

Family:

Publication number	Publication date	Application number	Application date
AT414819 E	20081215	AT20030773123T	20031006
AU2003279792 AA	20040504	AU20030279792	20031006
CA2501329 AA	20050405	CA20032501329	20031006
CA2501329 C	20120605	CA20032501329	20031006
CA2559343 AA	20060911	CA20052559343	20050419
CA2559343 C	20150106	CA20052559343	20050419
CA2559526 AA	20060911	CA20052559526	20050412
CA2559526 C	20130723	CA20052559526	20050412
CA2603746 AA	20071003	CA20062603746	20060413
CA2603746 C	20131112	CA20062603746	20060413
CA2603753 AA	20071003	CA20062603753	20060321
CA2603753 C	20151201	CA20062603753	20060321
CA2612663 AA	20071219	CA20062612663	20060613
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CA2652814 AA	20081118	CA20072652814	20070516
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CA2724119 AA	20040422	CA20032724119	20031006
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CA2858122 AA	20061026	CA20062858122	20060321
CA2858122 C	20170711	CA20062858122	20060321
CA2858143 AA	20061026	CA20062858143	20060321
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CN101180437 B	20120425	CN200680017417	20060413
CN101208475 A	20080625	CN200680022759	20060613
CN101208475 B	20130116	CN200680022759	20060613

CN101535037 A	20090916	CN200680017385	20060321	
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CN101538813 A	20090923	CN200910003613	20031006	
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CN101824772 A	20100908	CN200910174926	20050419	
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CN102268834 B	20131016	CN201110197477	20031006	
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CN102578944 B	20150826	CN201210032114	20060413	
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CN104195865 B	20160817	CN201410326502	20050419	
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CN1942627 B	20100707	CN200580011734	20050419	
CY1115273 T1	20170104	CY20141100540T	20140718	
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CY1117364 T1	20170426	CY20161100298T	20160412	
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EG25779 A	20120724	EG20060001005	20061018
EP1556548 A2	20050727	EP20030773123	20031006
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EP1985754 A2	20081029	EP20080012591	20031006
EP1985754 A3	20140423	EP20080012591	20031006
EP1985754 B1	20160810	EP20080012591	20031006
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EP2492393 A1	20120829	EP20120001672	20050412
EP2492393 B1	20160706	EP20120001672	20050412
EP2581213 A1	20130417	EP20130150443	20060413
EP2607549 A1	20130626	EP20130001369	20060321
EP2607549 B1	20160316	EP20130001369	20060321
EP2610051 A2	20130703	EP20130001373	20060321
EP2610051 A3	20130731	EP20130001373	20060321
EP2610051 B1	20160316	EP20130001373	20060321
EP2792789 A1	20141022	EP20140001775	20070516
EP2792789 B1	20170830	EP20140001775	20070516
EP2792790 A1	20141022	EP20140001776	20070516
EP2792790 B1	20160921	EP20140001776	20070516
EP3064645 A1	20160907	EP20160158733	20060321
EP3103920 A1	20161214	EP20160181988	20070516
EP3205769 A1	20170816	EP20170000546	20050419
ES2316835 T3	20090416	ES20030773123T	20031006
ES2416706 T3	20130802	ES20060750109T	20060413
ES2461860 T3	20140521	ES20060773075T	20060613
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ES2568738 T3	20160504	ES20130001369T	20060321
ES2590139 T3	20161118	ES20120001672T	20050412
ES2593793 T3	20161213	ES20080012591T	20031006
ES2600138 T3	20170207	ES20140001776T	20070516
ES2642052 T3	20171115	ES20140001775T	20070516

HK1079828 A1	20090430	HK20050112078	20051229	
HK1079828 A3	20060413	HK20050112078	20051229	
HK1095861 A1	20160226	HK20070101896	20070216	
HK1095861 A3	20070518	HK20070101896	20070216	
HK1099059 A3	20070803	HK20070105311	20070521	
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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):[std]**:** EDWARDS STEVEN L ; EGGEN RICHARD W ; DUGGAN DVID P ; DUGGAN DAVID P ; FORT DZHEJMS CORP ; DWIGGINS JOHN H ; DZHORDZHIJA PEHSIFIK KONS JUME ; DZHORDZHIJA PEHSIFIK KONS JUMER PRODAKTS LP ; DZHORDZHIJA PASIFIK KONZ JUMER PRODAKTS EHLPI ; BAUMGARTNER DEAN J ; CHOU HUNG L ; CHOU HUNG LIANG ; FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GPCP IP HOLDINGS LLC ; SUPER GUY H ; MCCULLOUGH STEPHEN J ; KRUEGER JEFFREY E ; LOMASX DAVID W ; JONES COLIN A ; LOMAX DAVID W ; MURRAY FRANK C ; WENDT GREG ; WENDT GREG A ; LYSE THOMAS E ; HUNTER MARK S ; YEH KANG C ; YEH KANG CHANG ; REEB RONALD R ; HARPER FRANK D

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET, N.E.ATLANTAGA30303US ; FORT JAMES CORP133 PEACHTREE STREET N.E.ATLANTAGA30303–1847US ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; MURRAY FRANK ; MCCULLOUGH STEPHEN ; GEORGIA PACIFIC CONSUMER PRODU ; GEORGIA PACIFIC CONSUMER PRODUCTS L P ; FORT DZHEJMS KORPOREJSHN ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD

Inventor(s):[std]**:** BAUMGARTNER D J ; BAUMGARTNER DEAN J ; BAUMGARTNER DIN DZH ; CHOU HUNG ; CHOU HUNG L ; CHOU HUNG LIANG ; DAVID P DUGGAN ; DAVID W LOMASX ; DEAN J BAUMGARTNER ; DUGGAN D P ; DUGGAN DAVID P ; DUGGAN DVID P ; DVID P DUGGAN ; DVIGGINS DZHON KH ; CHOU KHUN LJAN ; COLIN A

JONES ; DAGGEHN DEHVID P ; DWIGGINS JOHN ; DWIGGINS JOHN H ; DZHOUNS KOLIN A ; EDWARDS S L ; EDWARDS STEVEN ; EDWARDS STEVEN L ; EDWARDS STEVEN L MCCULLOUGH ST ; EDWARDS STEVEN L SUPER GUY H M ; EGGEN R W ; EGGEN RICHARD W ; EHDVARDS STIVEN L ; EKH KAN CHAN ; EKH KAN S ; FRANK D HARPER ; GREG WENDT ; GUY H SUPER ; HARPER FRANK ; HARPER FRANK D ; HUNG LIANG CHOU ; HUNTER MARK ; HUNTER MARK S ; JEFFREY E KRUEGER ; JOHN H DWIGGINS ; JONES C A ; JONES COLIN A ; KANG CHANG YEH ; KHANTER MARK S ; EHGGEN RICHARD V ; KHARPER FREHNK D ; KRUEGER J E ; KRUEGER JEFFREY E ; LAJS TOMAS EH ; LIANG CHOU HUNG ; LOMASX D W ; LOMASX DAVID W ; LOMAX DAVID W ; LOUMAKS DEHVID V ; KRJUGER DZHEFFRI EH ; LYSE THOMAS ; LYSE THOMAS E ; MAKKALLAF STEFEN DZH ; MCCULLOUGH S J ; MCCULLOUGH STEPHEN ; MCCULLOUGH STEPHEN J ; MJURREJ FREHNK S ; MURRAY FRANK ; MURRAY FRANK C ; MURRAY FRANK C WENDT GREG EDWA ; REEB RONALD ; REEB RONALD R ; RICHARD W EGGEN ; RONALD R REEB ; S JUPER GAJ KH ; STEPHEN J MCCULLOUGH ; STEVEN L EDWARDS ; SUPER G H ; SUPER GUY ; SUPER GUY H ; RIB RONAL D R ; UEHNDT GREHG ; WENDT GREG ; WENDT GREG A ; YEH KANG ; YEH KANG C ; YEH KANG CHANG

Inventor(s): YEH KANG CHANG NEENAH ; YEH KANG C NEENAH ; WENDT GREGUS ; WENDT CREG ; RIB RONAL'D R. ; SUPER GUY H MENASHA ; SUPER GUY HUS ; S'JUPER GAJ KH. ; REEB RONALD R DE PERE ; REEB RONALD R DEPERE ; MURRAY FRANK C WENDT GREG EDWARDS STEVEN L MCCULLO ; MURRAY FRANK CUS ; MURRAY FRANKUS ; MURRAY FRANK C MARIETTA ; MCCULLOUGH STEPHEN J MOUNT CALVARY ; MCCULLOUGH STEPHEN J MT CALVARY ; MCCULLOUGH STEPHEN JUS ; MCCULLOUGH STEPHENUS ; MCCULLOUGH STEPHAN J ; LYSE THOMAS E VANCOUVER ; HUNTER MARK S DENMARK ; HARPER FRANK D NEENAH ; FRANK C MURRAY ; EDWARDS STEVEN L SUPER GUY H MCCULLOUGH STEPHENJ B ; EDWARDS STEVEN LUS ; EDWARDS STEVEN L FREMONT ; DWIGGINS JOHN H NEENAH ; CHOU HUNG LIANG NEENAH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): D21F5/00 D21F7/00 A47K10/02 A47K10/16 A61L15/16 B31F1/07 B31F1/12 B31F1/16 B32B3/00 B32B5/02 B32B5/26 B65H19/00 C09J129/04 C09J177/00 D21F1/12 D21F11/00 D21F11/02 D21F11/14 D21F3/00 D21F3/02 D21F5/02 D21F9/00 D21H11/00 D21H11/08 D21H11/14 D21H11/20 D21H15/04 D21H17/24 D21H17/52 D21H17/55 D21H21/14 D21H21/20 D21H21/22 D21H23/00 D21H23/24 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/08 D21H27/20 D21H27/30 D21H27/40 (Advanced/Invention); B65H19/00 A47K10/02 C09J177/00 D21H21/20 D21H25/00 D21H27/40 (Advanced/Non–invention); A47K10/00 B31F1/00 B32B3/00 B32B5/02 D21F11/00 D21H11/00 D21H17/00 D21H21/00 D21H21/14 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); D21H21/14 D21H25/00 D21H27/30 (Core/Non–invention); A47K B31F D21F D21H (Subclass/Invention)

International class (IPC 1–7): A01N43/90 B31F1/12 B31F1/16 D21F11/00 D21F11/02 D21F11/14 D21H11/20 D21H21/20 D21H23/24 D21H25/00

CPC: B31F1/12 D21H11/14 A47K10/02 Y10T428/24446 Y10T428/24479 Y10T428/24612 D21H27/30 B31F1/07 B31F2201/0743 B31F2201/0756 B31F2201/0764 B31F2201/0766 B31F2201/0784 B31F2201/0787 B31F2201/0789 D21H27/002 D21H27/008 D21F11/14 D21F11/145 D21H21/20 D21H25/005 D21H27/40 B31F1/126 D21H21/146 D21H27/005 D21H27/007 D21F11/006 D21H27/02 B31F1/16 Y10T428/249965 Y10T428/24455 D21H11/20 D21F11/02

European class: B31F1/07 B31F1/12 B31F1/12F D21F11/00E D21F11/14 D21F11/14B D21H21/14D D21H25/00B D21H27/00D D21H27/00D2B D21H27/00D2B2 D21H27/00D4 D21H27/30 L31F201/07C2D5A L31F201/07E L31F201/07G2B L31F201/07G2D L31F201/07P L31F201/07P2 L31F201/07P4 N21H11/14 N21H21/20 N21H25/00B N21H27/00D N21H27/00D2B N21H27/02 N21H27/40

US class: 1/1 156/183 156/183S 162/100 162/100S 162/101 162/109 162/109S 162/111 162/111S 162/112 162/112S 162/113 162/113S 162/117 162/122 162/123 162/125 162/129 162/132 162/135 162/141 162/142 162/147 162/147S 162/149 162/149S 162/158 162/164.1 162/164.6 162/168.3 162/168.300S 162/172 162/177 162/177S 162/197 162/204 162/205 162/205S 264/282 264/282S 264/283 264/283S 34/398 34/398S 428/152 428/152P 428/153 428/156 428/172 428/311.71 428/311.710S

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0) US2009283229A – FUNCTIONALIZING CELLULOSIC AND LIGNOCELLULOSIC ...

2) Family number: 43952875 (US2009283229A)

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Probable Assignee: XYLECO INC

Assignee(s):(std)**:** KSILEKO INK ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INCL–271 SALEM STREETWOBURNMA01801US ; MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Inventor(s):(std)**:** MEDOFF MARSHALL ; MADOFF MARSHALL ; MARSHALL MEDOFF

Inventor(s): MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A23G3/32 A41D1/00 A63B59/06 B01J19/08 B01J19/12 B02C23/18 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B29C71/04 B32B21/14 C07C1/20 C07C27/00 C07C27/04 C07C27/24 C07C29/00 C07C31/00 C07C6/00 C07H3/00 C07H3/04 C08B1/00 C08B15/00 C08B15/02 C08B15/04 C08B15/10 C08B3/06 C08B30/02 C08H7/00 C08H8/00 C08J11/10 C08J3/24 C08J3/28 C08L97/02 C10L1/00 C10L1/02 C10L3/00 C12M1/00 C12N13/00 C12P C12P1/00 C12P13/00 C12P19/00 C12P19/02 C12P19/14 C12P21/00 C12P3/00 C12P5/00 C12P5/02 C12P7/00 C12P7/02 C12P7/04 C12P7/06 C12P7/10 C12P7/16 C12P7/40 C12P7/58 C13B50/00 C13B99/00 C13K1/00 C13K1/02 C13K1/06 C13K5/00 D02G3/00 D02G3/02 D03D15/00 D04B1/14 D04B21/00 D04H D04H1/12 D04H1/26 D04H1/42 D04H1/425 D04H3/00 D04H5/00 D06B3/10 D06M D06M10/00 D06M10/02 D06M10/06 D06M10/08 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21C1/10 D21C5/00 D21C9/00 D21F11/00 D21F5/00 D21G1/00 D21H11/00 D21H11/04 D21H11/16 D21H11/20 D21H21/28 D21H23/22 D21H25/04 G03C1/00 G03C5/00 G21K5/00 H01J37/30 H01J37/317 (Advanced/Invention);
C12P19/00 C12P19/02 C12P19/14 C12P7/02 C12P7/10 D06M101/04 D06M101/06 D21C9/00 (Advanced/Non–invention);
A41D1/00 B01J19/08 B01J19/12 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B32B21/00 C07C31/00 C07H3/00 C08B15/00 C08B3/00 C08J3/28 C12N1/20 C12N13/00 C12P5/00 C12P7/02 C13K1/00 C13K5/00 D03D15/00 D04B1/14 D04B21/00 D04H1/42 D04H3/00 D04H5/00 D06M14/00 D21B1/00 D21B1/06 D21C1/00 D21C5/00 D21F5/00 D21H11/00 D21H23/00 D21H25/00 G21K5/00 (Core/Invention);
C12P D03D D04B D04H D06M (Subclass/Invention)

International class (IPC 1–7): B01J19/08 B05D3/00 B05D3/06 B27K5/00 C07H3/00 C08B3/00 C08B3/06 C12N1/20 C12P7/06 C12P7/10 D03D15/00 D04B1/14 D04H1/42 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21F5/00 G01N23/00 G01N23/02

CPC: Y02E50/10 C12P5/02 C12P7/06 C12P7/16 D21B1/06 D21C1/10 D21F5/00 D21G1/0093 C12P19/00 D21B1/063 B02C23/18 C08B1/00 C12P2201/00 A63B2209/00 B27K5/003 B27N1/00 C08B15/04 D06M10/008 Y02E50/343 Y02E50/17 B01J2219/00006 B01J2219/0869 B01J2219/0879 B01J2219/089 C12P19/02 G21K5/00 D21H21/28 H01J37/317 B01J19/08 H01J2237/303 C08B15/02 C08H8/00 D21C9/007 C13K1/02 H01J37/3002 Y10T442/30 Y10T442/40 Y10T442/60 Y10T442/697 D21B1/02 C07C27/24 D06M10/001 D06M10/02 D06M10/08 D06M2101/04 D06M2101/06 D10B2201/00 D10B2201/01 D10B2201/22 D10B2201/26 D10B2201/28 B01J19/123 B01J19/121 C12M45/00 B01J19/126 C07C27/00 Y10T428/249921 D21C1/00 D21H11/16 B01J2219/08 C12P7/10 C07C27/04 D02G3/02 D04B1/14 D06B3/10 D06M10/00 D10B2501/00 D10B2505/04 D04H1/4258 D04H1/42 D04H1/4382 Y02E50/16 Y02P20/582 B01J19/081 B01J2219/0871 B01J19/085 C12P19/14 D02G3/00 A63B59/50 A63B2102/18 C08B15/00 D21H25/04 D21H11/04 D03D15/00 D04H1/425 Y10T156/10 B27K5/0045 D21H11/20 D21C5/00 B27K5/004 D06M10/06 H01J2237/3165 B27K5/0035 C08J3/28 C08J2397/02

European class: A63B59/06 B01J19/08B6 B27K5/00R B27N1/00 C08B15/02 C08B15/04 C08H8/00 C08J3/28 C12P19/02 C12P5/02 C12P7/06 C12P7/10 C12P7/16 D04H1/42 D06M10/00B D06M10/00N D06M10/02 D06M10/08 D21B1/02 D21B1/06 D21C1/10 D21C9/00B4 D21F5/00 D21G1/00R8 D21H25/04 G21K5/00 K63B209/00 L01J219/00A2B L01J219/08F L01J219/08M6 L01J219/08M8J M08J397/02 M12P201/00 N06M101/04

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US class: 1/1 127/34 127/34S 127/37 156/60 156/60S 162/141 162/158 162/158S 162/162 162/192 162/192S 162/198 162/5 162/50 162/50P 162/58 162/63 162/9 162/92 2/69 2/69S 204/157.15 204/157.150S 204/157.63 204/157.630S 204/157.68 204/157.680S 204/157.9 204/157.900S 241/15 250/492.1 250/492.100P 250/492.3 250/492.300S 378/64 378/64P 427/457 427/457S 427/532 427/551 428/22 428/221 428/221S 435/136 435/136S 435/137 435/155 435/155S 435/157 435/165 435/166 435/166S 435/168 435/168S 435/173.1 435/173.100S 435/41 435/41S 435/68.1 435/68.100P 435/71.1 435/71.100S 435/72 435/72P 435/72S 435/99 44/307 44/307S 442/181 442/181P 442/304 442/304S 442/327 442/327S 442/415 442/415S 530/500 536/1.11 536/1.110S 536/123.13 536/123.130P 568/840 568/840P 568/878 568/880 568/902 568/903 8/116.1 8/444

Classification Explorer

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0) US2003026950A – SINGLE–PLY EMBOSSED ABSORBENT PAPER PRODUCTS

3) Family number: 30124129 (US2003026950A)

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Title: SINGLE−PLY EMBOSSED ABSORBENT PAPER PRODUCTS

Priority:

CA20002325682	20001110	CA20002325686	20001110	CA20022414668	20021217
CA20022749070	20021217	CA20022749303	20021217	CA20022749105	20021217
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US20050294245	20051205	US20030635663	20030806	US20020235197	20020905
US20000709185	20001109	US20010036770	20011221	US20060611954	20061218
US20040808431	20040325				

Family:

Publication number	Publication date	Application number	Application date
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CA2325682 C	20091229	CA20002325682	20001110
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US7531062 BB	20090512	US20070974162	20071011
US7857941 BB	20101228	US20060611954	20061218
US8142617 BB	20120327	US20100861462	20100823

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GRACYALNY DALE T ; KERSHAW THOMAS N ; GRACYALNY DALE ; GEORGIA PACIFIC CORP ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYN A ; RUTHVEN PAUL J

Assignee(s): WILLIAMS ROBERT J ; ZAHN HARLIE C ; MOGGED OTTO ; MOGGED OTTO III ; KRASZEWSKI ALAN J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; HANSEN MARK D ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DAUS ROBERT R ; DEMILLE JOHN R

Inventor(s):(std)**:** MOGGED OTTO ; MOGGED OTTO III ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYU ; SCHULZ GAYLN A ; GRACYALNY DALE ; ZAHN HARLIE C ; WILLIAMS ROBERT J ; SCHULZ GALYN A ; RUTHVEN PAUL J ; KRASZEWSKI ALAN J ; MOGGED III OTTO ; HANSEN MARK D ; GRACYALNY DALE T ; DEMILLE JOHN R ; DAUS ROBERT R ; KERSHAW THOMAS N

Inventor(s): DAUS ROBERT RUS ; DEMILLE JOHN RUS ; GRACYALNY DALE TUS ; MOGGED ; KRASZEWSKI ALAN JUS ; KERSHAW THOMAS ; III OTTO ; HANSEN MARK DUS ; MOGGED OTTO IIIUS ; RUTHVEN PAUL JUS ; SCHULZ GALYN AUS ; WILLIAMS ROBERT JUS ; HANSEN MARK ; KRASZEWSKI ALAN ; DAUS ROBERT ; DEMILLE JOHN ; WILLIAMS ROBERT ; ZAHN HARLIE ; ZAHN HARLIE CUS

Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

International class (IPC 8–9): A01J25/12 A61F13/15 B31F1/07 B31F1/12 B31F1/14 B65H27/00 B65H35/00 D21F11/00 D21F11/14 D21G9/00 D21H27/02 D21H27/40 F16C13/00 (Advanced/Invention); A61F13/15 B31F1/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

International class (IPC 1–7): A61F13/15 B29C43/46 B31F1/00 B31F1/07 B31F1/12 B31F1/14 B32B3/00 B32B3/10 B32B5/00 D06N7/04 D21F11/00 D21H11/00 D21H27/02 D21H27/40

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European class: A61F13/15M6C B31F1/07 B31F1/12B B31F1/14B D21F11/00E D21F11/14 D21H27/00D2 L29C43/46A4 L31F201/07C2D1A L31F201/07C2D3C L31F201/07C2D3G L31F201/07C2D3G2 L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07C2D7 L31F201/07E L31F201/07G L31F201/07G2 L31F201/07L L31F201/07P L31F201/07P10 N21H25/00B

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0) US2010186913A – BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORB...

4) Family number: 46402347 (US2010186913A)

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Title: BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORBENT SHEET PREPARED WITH PERFORATED POLYMERIC BELT

Priority:

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Family:

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ZA201102313 A	20120627	ZA20110002313	20100128

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):[(std)]**:** BERNARD AYANNA M ; DZHORDZHIYA PESIFIK KONSYUMER PRODAKTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; MCCULLOUGH STEPHEN J ; RUTHVEN PAUL J ; MILLER JOSEPH H ; WENDT GREG A ; SUPER GUY H ; SZE DANIEL H ; WAHAL SANJAY ; SUMNICHT DANIEL W ; GEORGIA PACIFIC LLC

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LPUS ; GEORGIA PACIFIC CONSUMER PRODUCTS

Inventor(s):[(std)]**:** BERNARD AYANNA M ; MCCULLOUGH STEPHEN J ; MILLER JOSEPH H ; RUTHVEN PAUL J ; SUMNICHT DANIEL W ; SUPER GUY H ; WAHAL SANJAY ; WENDT GREG A ; ZUMNIKHT DENIEL U ; VAKHAL SANDZHAJ ; STEPHEN J MCCULLOUGH ; PAUL J RUTHVEN ; MILLER DZHOZEF KH ; JOSEPH H MILLER ; GUY H SUPER ; SZE DANIEL H ; DANIEL H SZE ; GREG A WENTZ

Inventor(s):

SZE DANIEL H APPLETON ; GREG A WENDT ; WENDT GREG A NEENAH ; SUPER GUY H MENASHA ; RUTHVEN PAUL J NEENAH ; MILLER JOSEPH H NEENAH ; MCCULLOUGH STEPHEN J MOUNT CALVARY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

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US class: 1/1 162/109 162/111 162/113 162/117 162/123 162/129 162/146 162/149 162/157.6 428/153 428/156 428/156P

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0) US2002127369A – PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

5) Family number: 30116927 (US2002127369A) © PatBase

Title: PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

Priority:

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Probable Assignee: SC JOHNSON HOME STORAGE INC

Assignee(s):(std)**:** ACKERMAN BRYAN L ; JOHNSON AND SON INC S C ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; S C JOHNSON HOME STORAGE INC ; MCREYNOLDS KENT B ; S C JOHNSON HOME STORAGE ; TRENT JOHN S ; SU CU JOHSON HOUSE STORE CO

Assignee(s): SC JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; SCJOHNSON HOME STORAGE INC ; SC JOHNSON AND SON INC ; SC JOHNSON HOME STORAGE INC ; S C JOHNSON AND SON INC ; PRICE WILLIAM D ; S C JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE

Inventor(s):(std)**:** ACKERMAN BRYAN L ; AL ACKERMAN BRYAN L ET ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; MCREYNOLDS KENT B ; PRICE WILLIAM D ; TRENT JOHN S ; WILLIAM D PRICE

Inventor(s): VIRGINIA D. KARUL ; KENT B. MCREYNOLDS ; JOHN S TRENT ; BRYAN L ACKERMAN ; MCREYNOLDS KENT B AND ; KARUL VIRGINIA ; DEBOEUF WILLIAM ; ACKERMAN BRYAN L ET AL ; ACKERMAN BRYAN ; WILLIAM E,LEBOEUF ; WILLIAM E. LEBOEUF ; TRENT JOHN ; PRICE WILLIAM ; MCREYNOLDS KENT ; KARUL VIRGINIA KARUL ; LEBOEUF WILLIAM ; JOHN S.TRENT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J47/00 A61F13/15 B23B33/00 B23Q3/00 B32B23/02 B32B23/08 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/02 B32B3/10 B32B3/24 B32B37/00 B32B38/04 B32B38/06 B32B7/00 B32B7/02 B32B7/14 D04H3/16 (Advanced/Invention); B32B27/06 B32B3/10 B32B37/12 B32B37/15 (Advanced/Non–invention); A47J47/00 B32B23/00 B32B27/00 B32B27/12 B32B3/24 B32B38/04 B32B38/06 B32B7/00 D04H3/16 (Core/Invention); B32B37/14 (Core/Non–invention)

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0) US2010230857A – PROCESS FOR MAKING AN EMBOSSED WEB

6) Family number: 46842448 (US2010230857A)

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; PROCTER AND GAMBLE ; GROSS SARAH BETH ; MUHS KEVIN GERARD ; HAMMONS JOHN LEE ; ORR JILL MARLENE ; LAKE KIRK WALLACE ; MULLANE TIMOTHY IAN ; YOUNG ROGER DALE ; STONE KEITH JOSEPH ; VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; VAN VALKENBURG CURTIS HUNTER ; STRUBE JOHN BRIAN ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH

Assignee(s): DZE PROKTER EHND GEHMBL KOMPANI ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE COWORLD SHAVING HEADQUARTERSIP/LEGAL PATENT DEPARTMENT – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE COWORLD SHAVING H.Q.IP/LEGAL PATENT DEPT. – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; GROSS SARA BETH ; DALE YOUNG ROGER ; YOUNG ROGER DAYLE ; VANVALKENBURGH CURTIS HUNTER ; VALKENBURGH CURTIS HUNTER VAN ; MULLANE TIMOTHY IAN ; LAKE KIRK WALLACE ; YOUNG ROGER DALE ; TIMOTHY IAN MULLANE ; STONE KEITH JOSEPH ; KIRK WALLACE LAKE ; JOHN LEE HAMMONS ; JOHN JOSEPH CURRO ; JOHN BRIAN STRUBE ; JILL MARLENE ORR ; HUNTER VALKENBURGH CURTIS VAN ; GEORGE COE RICHARD ; FRANCIS GRAY BRIAN ; EOUNG ROGER D ; BETH GROSS SARAH ; VAN VALKENBURG CURTIS HUNTER ; COE RICHARD GEORGE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; GROSS SARAH BETH ; JOSEPH STONE KEITH ; MUHS KEVIN GERARD ; KEITH JOSEPH STONE ; STRUBE JOHN BRIAN ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; CURRO JOHN JOSEPH ; GERARD MUHS KEVIN

Inventor(s): STONE KEITH JOSEPH YOUNG ROGER DALE ; STONE KELTH JOSEPH ; STONE KELTH JOSEPH YOUNG ROGER D ; VAN VALKENBURGH CURTIS ; ROGER DALE YOUNG ; SARAH BETH GROSS ; ROGER DAYLE YOUNG ; ROGER D YOUNG ; RICHARD GEORGE COE ; KEVIN GERARD MUHS ; GARY WAYNE GILBERTSON ; CURTIS HUNTER VAN VALKENBURGH ; BRIAN FRANCIS GRAY ; YOUNG ROGER DALEUS ; STONE KEITH JOSEPHUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47L13/16 A61C13/01 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/551 B26F1/24 B26F1/26 B28B11/08 B29C B29C43/24 B29C43/56 B29C55/18 B29C59/00 B29C59/02 B29C59/04 B29C63/02 B29C65/00 B29C65/18 B29C65/56 B29C65/66 B29C65/76 B29D7/01 B31B B31B39/14 B31F1/07 B32B B32B1/00 B32B27/06 B32B27/08 B32B27/12 B32B27/20 B32B27/32 B32B3/00 B32B3/10 B32B3/24 B32B3/26 B32B3/28 B32B3/30 B32B37/06 B32B38/06 B32B5/02 B32B5/06 B32B5/16 B32B5/24 B32B5/26 B32B7/00 B32B7/02 B32B7/04 B32B7/06 B32B7/08 B44C1/24 B44F1/08 B65B51/04 B65D30/02 B65D75/00 B65D75/04 B65F1/00 C08J5/18 D04H1/44 D04H1/72 D04H1/732 D04H1/76 D04H11/00 D04H11/08 D04H13/00 D04H3/07 D06C23/04 D06C3/00 D06C3/06 D21H27/02 D21H27/38 G02B5/30 (Advanced/Invention);
A61F13/15 A61F13/538 B29C59/04 B29C59/06 B29C65/70 B29C65/72 B29L31/48

B29L9/00 B32B27/32 B32B37/00 B32B37/10 B32B37/30 B32B38/12 B65D85/00 (Advanced/Non–invention);
A61F13/15 B26F1/00 B28B11/08 B29C43/32 B29C55/18 B29C59/02 B29C59/04 B29C63/02 B29C65/56 B31B39/00 B32B1/00 B32B27/32 B32B3/00 B32B3/10 B32B3/28 B32B3/30 (Core/Invention);
B29C B31B B32B (Subclass/Invention)

International class (IPC 1–7): B32B3/28

CPC: B29D7/01 B32B3/263 B29C43/24 B29C66/91221 A61F2013/5386 D04H3/07 D04H11/08 B29C66/9392 B32B9/28 B29C66/91431 B29C66/91218 B29C66/9141 Y10T428/1334 Y10T428/24628 Y10T428/24901 B29C66/934 A61F13/15731 B29C65/18 B29C66/71 B29C66/81435 B29C66/83511 B29C66/83513 B29C66/91421 B29L2009/00 B29L2031/4878 B31F1/07 B32B3/30 B32B2307/726 B32B2307/728 B32B2432/00 B32B2439/00 B32B2555/00 B29C66/939 B29C66/949 B44C1/24 B29C66/73152 A61F13/51104 A61F13/5121 B26F1/24 B29C55/18 B29C66/7294 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83415 B31F2201/0712 B32B5/022 B32B5/06 B32B7/045 B32B7/08 B32B37/0084 B32B2037/1072 B65D75/00 B65D85/00 B29K2023/06 B29K2023/12 B29C65/70 B29C65/72 B29C65/76 B32B7/04 B29C59/022 B29C59/04 B29C59/06 B29C66/21 B29C66/45 B29C66/729 B29C66/81264 B29C66/81423 B29C66/81433 B29C66/83413 B29C66/9121 B29C66/91216 B29C66/91411 B29C66/9161 B29C66/919 B29C66/91935 B29K2995/007 B29K2995/0089 B31F2201/0733 B31F2201/0738 B32B3/266 B32B7/02 B32B27/20 B32B38/06 B32B38/12 B32B2037/0092 B32B2323/04 B32B2323/10 Y10T428/24479 B29C66/81241 B29C66/727 B29C66/43 Y10T428/24612 B29C65/7894 B29C65/7891 B29C66/8322 Y10T428/24975 B32B5/18 B32B5/22 B32B5/24 B32B5/26 B32B9/02 B32B9/04 B32B15/04 B32B15/20 B32B23/04 B32B27/18 B32B27/22 B32B27/306 B32B27/308 B32B27/32 B32B27/322 B32B27/34 B32B27/36 B32B2262/02 B32B2262/0253 B32B2262/062 B32B2262/14 B32B2270/00 B32B2307/10 B32B2307/30 B32B2307/4026 B32B2307/50 B32B2307/546 B32B2307/72 B32B2553/00 B32B23/00 B32B27/302 B32B2262/04 B32B2307/51 B32B2439/06 B32B2439/46 B32B2439/70 B32B2457/00 B32B5/08 B32B29/002 B32B2264/10 B32B2307/514 B32B2307/54 B32B2581/00 D21H27/02 Y10T428/24273 Y10T428/24281 Y10T428/24636 B29C66/73343 A61F13/15739 D21H27/38 Y10T156/1039 Y10T428/24289 Y10T428/24496 Y10T428/24521 Y10T428/24545 D04H1/76 A61F13/15707 B29C59/046 B29L2009/001 B29C59/043 B32B2264/102 B32B2264/104 B32B2264/108 B32B2307/718 B32B2307/732 B32B15/043 B32B15/18 B32B27/288 B32B27/38 B32B2307/536 B32B2307/554 B32B2307/558 B32B27/06 B26F1/26 B29C65/56 B32B3/28 B32B27/08 B29C66/723 B29C66/72328 B29C66/72343 B32B27/12 B29C66/1122 B29C59/02

European class: A61F13/15M6 A61F13/15M6C A61F13/15M6D A61F13/511A A61F13/512A B26F1/24 B26F1/26 B29C55/18 B29C59/02C B29C65/18 B29C65/56 B29C66/21 B29C66/45 B29C66/7294 B29C66/81433 B29C66/81435 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83413 B29C66/83415 B29C66/83511 B29C66/83513 B31F1/07 B32B27/12 B32B27/20 B32B3/26B B32B3/28 B32B3/30 B32B38/06 B32B5/02A B32B5/06 B32B7/02 B32B7/04A B32B7/08 B44C1/24 L26F1/24 L29C59/02C L29C59/04 L29C59/06 L29C66/71 L29C66/82661 L29C66/83513 L29C66/919 L29C66/91935 L29C66/939 L29C66/949 L29L31/48E2 L29L9/00 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L32B323/04 L32B323/10 L32B37/00D2 L32B37/00E L32B37/10G L32B38/12

US class: 1/1 156/219 156/219S 162/133 206/524.6 206/524.600S 264/154 264/155 264/156 264/175 264/175S 264/273 264/284 264/284P 264/285 264/286 264/293 264/293P 264/503 264/504 264/504P 264/508 264/509 264/555 264/570 383/105 383/105S 428/131 428/131S 428/132 428/132S 428/133 428/133P 428/138 428/156 428/156P 428/156S 428/158 428/158S 428/161 428/161S 428/164 428/164S 428/172 428/172P 428/174 428/174S 428/175 428/175S 428/207 428/216 428/35.2 428/85 428/85P

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DE10008827 A1, CN202491475, CN1937979 A, CN1794961 A, CN1753774 A, CN1723102 A, CN1705464 A, CN1537520 A, CN1522190 A, CN1283445 A, CN1260848 A, CN1257558 A, CN1244819 A, CN1107279 A, CN103417338, CN103417337, CN102673030, CN101208466 A, CN101172074 A, CN101166609 A, CA2635837 AA,

0) US2009101748A – CORELESS ROLL OF WEB MATERIAL, MACHINE AND METH...

7) Family number: 33602444 (US2009101748A) © PatBase

Title: CORELESS ROLL OF WEB MATERIAL, MACHINE AND METHOD FOR ITS PRODUCTION

Priority: IT2005FI00086 20050502 US20080919666 20081114 WO2006IT00288 20060427 US20110067745 20110623

Family:

Publication number	Publication date	Application number	Application date
AT480483 E	20100915	AT20060728542T	20060427
AU2006242795 AA	20061109	AU20060242795	20060427
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WO06117821 A1	20061109	WO2006IT00288	20060427

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; ROMANO MADDALENI ; DZHELLI MAURO

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05B1/00 B05C1/00 B05C9/00 B32B37/02 B65H18/08 B65H18/16 B65H18/20 B65H18/26 B65H18/28 B65H19/22 B65H19/28 B65H35/04 B65H39/14 (Advanced/Invention); B65H18/00 B65H18/08 B65H18/14 B65H19/22 B65H19/28 B65H35/04 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22

CPC: B65H19/2276 B65H2701/1846 B65H18/28

European class: B65H18/28 B65H19/22C L65H701/1846

US class: 118/75 118/75S 156/457 156/459 156/470 242/166 242/520 242/520S 242/526.1 242/526.100S 242/527.3 242/527.300S 242/528 242/532.1 242/532.2 242/532.3 242/541.2 242/541.200P 242/547 242/547S

Classification Explorer

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0) US2005238682A – TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

8) Family number: 32362115 (US2005238682A) © PatBase

Title: TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

Priority:

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Publication number	Publication date	Application number	Application date
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO LUIGI ; KLEINWAECHTER JOERG ; MARCOTT CURTIS A ; PROCTER AND GAMBLE ; MARCOTT CURTIS ALLEN ; WARNER RONALD RAY ; WARNER RONALD R

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; BUTZ KIRK

Inventor(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO GALASSO LUIGI ; DI GIROLAMO LUIGI ; DIRK ANAST JOHN M WARNER RONAL ; GIROLAMO LUIGI DI ; JOERG KLEINWAECHTER ; KLEINWAECHTER JOERG ; MARCOTT CURTIS ; MARCOTT CURTIS A ; MARCOTT CURTIS ALLEN ; LUIGI KLEINWAECHTER JOERG BUTZ ; SAEVECKE DIRK ; WARNER RONALD R ; WARNER RONALD RAY ; WARNER RONALD ; ANAST JOHN ; DIRK BUTZ ; BUTZ KIRK

Inventor(s): WARNER ; MARCOTT ; RONALD RAY ; RONALD RAY WARNER ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN DI GIROLAMO LUIGI ; LUIGI ; LUIGI DI GIROLAMO ; JOHN MATTHEW ; JOHN MATTHEW ANAST ; KLEINWAECHTER ; JOERG ; DIRK ; CURTIS ALLEN ; CURTIS ALLEN MARCOTT ; DI GIROLAMO ; BUTZ ; ANAST JOHN M WARNER RONALD R KLEINWAECHTER JOERG B ; ANAST

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A47K10/16 A47K7/00 A61K7/00 A61K7/40 A61K7/48 A61K8/02 A61K8/30 A61K8/31 A61K8/34 A61K8/37 A61K8/41 A61K8/42 A61K8/55 A61K8/63 A61K8/68 A61K8/89 A61K8/92 A61K9/10 A61K9/70 A61L15/34 A61L15/44 A61L2/00 A61Q19/00 D06M13/00 D21C7/14 D21H17/03 D21H17/07 D21H17/13 D21H19/10 D21H19/66 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A01N25/34 A47K10/00 A47K7/00 A61K8/02 A61K8/30 A61K8/72 A61K8/92 A61K9/70 A61L15/16 A61L2/00 A61Q19/00 D21C7/00 D21H17/00 D21H19/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); A61F13/15 (Core/Non–invention)

International class (IPC 1–7): A61K9/70 A61L2/00 D21H19/10 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30

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European class: A61K47/06 A61K47/08 A61K47/10 A61K47/16 A61K8/02C A61K8/42 A61K9/00 A61K9/00M3 A61K9/70 A61K9/70B A61L15/34 A61L15/44 A61Q19/00 D21C7/14 D21H19/10 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 K61F13/84B K61K201/054 K61K800/244 K61L300/220 K61L300/602

US class: 162/109 162/135 162/135S 162/158 162/158S 162/179 424/400 424/402 424/402P 424/404 424/414 424/443 424/443P 427/2.31 427/2.310S 427/240 427/458 428/341 428/341S

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0) US20006278355A – EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR...

9) Family number: 33992783 (US2006278355A)

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Title: EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR EMBOSSING ELEMENTS

Priority:

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US20050147873	20050608	CA20122611326	20120124	EP20060772638	20060607
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN B ; RASCH DAVID MARK ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL ; RASCH DAVID M

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** FISHER WAYNE ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; RASCH DAVID ; RASCH DAVID M ; RASCH DAVID MARK ; WIWI KEVIN ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; BOATMAN DONN ; BOATMAN DONN N ; BOATMAN DONN NATHAN

Inventor(s): BOATMAN DONN NATHAN UNION ; WAYNE ROBERT FISHER ; KEVIN MITCHELL WIWI ; KEVIN BENSON MCNEIL ; DONN NATHAN BOATMAN ; DAVID MARK RASCH ; WIWI KEVIN MITCHELL WEST CHESTER ; RASCH DAVID MARK CINCINNATI ; MCNEIL KEVIN BENSON LOVELAND ; FISHER WAYNE ROBERT CINCINNATI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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CPC: B31F2201/0743 Y10T428/24479 Y10T428/24628 Y10T156/1023 Y10T428/24455 Y10T428/24463 Y10T428/24612 B31F1/07 B31F2201/0733 B31F2201/0764 B44B5/0009 B44B5/026 A47K10/16 B31F2201/0712 B31F2201/0738 B31F2201/0748 B32B3/00 B32B3/30 B32B29/00 B32B29/005 B32B2250/02 B32B2250/26 B32B2555/02 D21H27/004 D21H27/02 D21H27/40

European class: A47K10/16 B31F1/07 B32B29/00 B32B29/00B2 B32B3/00 B32B3/30 B44B5/00A2 B44B5/02D D21H27/00D2 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07G2B L32B250/02 L32B250/26 L32B555/02 N21H27/02 N21H27/40

US class: 101/23 101/28 101/3.1 101/32 156/209 162/109 162/117 162/132 162/205 162/362 425/193 425/363 425/385 425/403 425/403P 425/408 425/470 425/470P 428/153 428/154 428/156 428/156P 428/172 428/174 428/174S

Classification Explorer

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0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

10) Family number: 34576949 (US2007137808A) © PatBase

Title: TREATED TISSUE PRODUCTS HAVING INCREASED STRENGTH

Priority:

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WO2007IB54405	20071030	WO2007IB54404	20071030	US20110017807	20110131
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WO2008US66474	20080611				

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):[(std)]**:** BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE

MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00

D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention);
C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention);
C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

CPC: D21H21/20 D21H23/50 D21H27/02 B31F1/07 B31F2201/0733 B31F2201/0784 B31F2201/0787 D21H17/34 C11D17/041 D21H13/10 D21H19/12 D21H19/18 D21H25/005 D21H21/1 D21H19/2 D21H27/0 B32B2264/0257 B32B2307/54 B32B2555/00 Y10T428/24405 A47L13/17 A61Q1/14 A61Q19/10 C11D3/3749 C11D3/3757 C11D17/049 D21F11/14 D21F11/145 D21H17/36 D21H27/008 D21H27/30 A61K8/0208 A61K8/8111 A61K8/8147 A61Q19/00 D21H17/35 D21H27/001 D21H27/005 D21H27/00 D21H19/22 D21H21/22 B32B29/005 B32B2317/12 B32B2432/00 A47K10/16 B32B5/22 D21H17/37 D21H19/20 D21H21/146 D21H21/18 D21H27/002

European class: A47K10/16 A47L13/17 A61K8/02C A61K8/81C2 A61K8/81K2 A61Q19/00 B31F1/07 B32B5/22 C11D17/04B C11D17/04F C11D3/37C2 C11D3/37C6 D21F11/14 D21F11/14B D21H17/37 D21H21/14D D21H21/18 D21H21/20 D21H21/22 D21H25/00B D21H27/00 D21H27/00D D21H27/00D2B D21H27/00D4 K61Q1/14 K61Q19/10 L31F201/07C2D3G L31F201/07P L31F201/07P2 N04H13/00B2 N21H13/10 N21H17/34 N21H17/35 N21H17/36 N21H17/37 N21H19/12 N21H19/18 N21H19/20 N21H19/22 N21H21/14D N21H21/18 N21H21/20 N21H21/22 N21H23/50 N21H27/00B N21H27/00D N21H27/00D4 N21H27/02 N21H27/30

US class: 162/103 162/103S 162/109 162/111 162/111S 162/112 162/115 162/115S 162/117 162/117S 162/123 162/123S 162/124 162/124S 162/135 162/146 162/157.1 162/157.100S 162/157.2 162/158 162/158S 162/164.1 162/164.100 162/164.100S 162/164.7 162/164.700S 162/168.1 162/168.100P 162/168.100S 162/168.7 162/168.700S 162/169 162/169S 162/173 162/175 162/179 162/179S 162/184 162/204 424/402 424/402S 427/288 427/288S 428/147 428/147P 524/536

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0) US5611890A – TISSUE PAPER CONTAINING A FINE PARTICULATE FILL...

11) Family number: 30377829 (US5611890A) © PatBase

Title: TISSUE PAPER CONTAINING A FINE PARTICULATE FILLER

Priority:

US19950418990	19950407	US19950553167	19951107	US19960771082	19961220
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ZA9711278 A	19980623	ZA19970011278	19971215

Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):(std)**:** BOURBON ROBERT MICHAEL ; DEASON HOWARD THOMAS ; PROCTER AND GAMBLE ; PAPER SCIENCE AND TECH INST INC ; PAPER SCIENCE AND TECHNOLOGY R ; LORENZ DAVID JOCHEN ; NEAL CHARLES WILLIAM ; PAPER SCI AND TECH INST ; INST OF PAPER SCIENCE AND TECHNO ; PAPER SCIENCE AND TECHNOLOGY I ; PAPER SCIENCE AND TECHNOLOGY RESEARCH INST ; PROCTER AND GAMBLE CO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER Y GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTOR AND GAMBLE CO ; PROCTER Y GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY INC ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; PAPER SCIENCE AND TECHNOLOGY INST ; OF PAPER SCIENCE AND TECHNOLOGY INC INST ; OF PAPER SCIENCE AND TECHNOLOGY INST ; PROCTER AND ; ERSPAMER JOHN PAUL ; FICKE JONATHAN ANDREW ; GAMBLE CO ; GEORGIA TECH RESEARCH CORP ; HALTER JEFFRESS PAUL ; HERSKO BART STEVEN

Inventor(s):(std)**:** BOURBON ROBERT MICHAEL ; BOURDON ROBERT M ; BOURDON ROBERT MICHAEL ; CHARLES W NEAL ; CHARLES WILLIAM NEAL ; DAVID JOCHEN LORENZ ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; ERSPAMER JOHN P ; ERSPAMER JOHN PAUL ; BART S HERSKO ; BART S HESKO ; BART STEVEN HERSKO ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; HALTER JEFFRESS P ; HALTER JEFFRESS PAUL ; HALTER JEFRESS PAUL ; HERSKO BART S ; HERSKO BART STEVEN ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JEFFRESS PAUL HALTER ; JOHN P ERSPAMER ; JOHN PAUL ERSPAMER ; JONATHAN A FICKE ; KENNETH DOUGLAS VINSON ; LORENZ DAVID JOCHEN ; NEAL CHARLES W ; NEAL CHARLES WILLIAM ; NEAL CHARLES WILLIAM AND ; PAUL THOMAS WEISMAN ; ROBERT M BOURDON ; ROBERT MICHAEL BOURDON ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN PAUL ; VINSON KENNETH ; VINSON DOUGLAS ; NEAL WILLIAM ; NEAL CHARLES ; LORENZ DAVID ; HESKO BART S ; HALTER PAUL ; ERSPAMER PAUL ; DEASON HOWARD ; BOURDON ROBERT ; ANDREW FICKE JONATHAN ANDREW ; JONATHAN ANDREW FICKE ; KENNETH D VINSON

Inventor(s): Kenneth Douglas ; Vinson ; Jonathan Andrew ; JEFRESS PAUL HALTER ; Hersko ; Barth Steven ; Ficke

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 D21H11/12 D21H15/02 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/67 D21H17/68 D21H27/00 D21H27/40 (Advanced/Non–invention); A47K10/00 D21H17/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K10/16 B32B D21H11/12 D21H15/04 D21H17/00 D21H17/06 D21H17/45 D21H17/55 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40

CPC: D21H27/38 Y10T428/24455 Y10T428/24463 D21H27/40 D21H17/68 D21H17/67

European class: D21H17/67 D21H17/68 D21H27/38 D21H27/40 N21H17/68

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/149 162/158 162/164.1 162/168.1 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183 428/153 428/154

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0) US2001050083A – IRRADIATION ENHANCED PERMEATION AND DELIVERY

12) Family number: 44207603 (US2001050083A) © PatBase

Title: IRRADIATION ENHANCED PERMEATION AND DELIVERY

Priority:

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: TRANSMEDICA INT INC

Assignee(s):(std)**:** FLOCK STEPHEN T ; TRANSMEDICA INTERNATIONAL INC ; TRANSMEDICA INTERNATL INC ; TRANSMEDICA INTERNAT INC ; TRANSMEDICA INT INC ; TINNITUS CONTROL INC ; VENISECT INC ; WANER MILTON ; VESTAL CHARLES H

Assignee(s): TRANSMEDICA INT ; NORWOOD ABBEY LTD ; MARCHITTO KEVIN S ; LEHMAN PAUL ; BERNARD MATTHEWS LIMITED ; BERNARD MATTHEWS LTD ; LABARGE INC

Inventor(s):(std)**:** LEHMAN PAUL ; LEHMAN PAUL A ; LEHMANN PAUL ; MARCHITLO KEVIN S ; MARCHITO KEVIN S ; MARCHITTO KEVIN S ; VESTAL CHARLES H ; VESTAL H ; WANER MILTON ; SITLER DONALD D ; FLOCK T ; FLOCK STEPHEN T ; DUBE GEORGE ; CHOY DANIEL S J

Inventor(s): CHOY DANIEL SJ ; CHARLES H VESTAL ; VESTAL CHARLES ; FLOCK STEPHEN ; STEPHEN T FLOCK ; KEVIN S MARCHITTO ; MILTON WANER ; PAUL LEHMAN ; PAUL LEHMANN ; MARCHITTO KEVIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A61B10/00 A61B17/00 A61B17/34 A61B18/00 A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61B5/154 A61J1/05 A61J3/00 A61K9/06 A61M21/00 A61M37/00 A61M5/00 A61N1/16 A61N1/30 A61N5/06 A61N5/067 G10K11/178 H01S3/06 (Advanced/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61B5/15 A61M37/00 H01S3/02 H01S3/092 (Advanced/Non–invention); A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/06 H01S3/06 (Core/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61M37/00 H01S3/02 H01S3/0915 (Core/Non–invention)

International class (IPC 1–7): A16N5/00 A61B10/00 A61B17/36 A61B18/18 A61B18/20 A61B19/00 A61B5/00 A61B5/14 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/00 A61N5/06 A61N5/067

CPC: H01S3/025 H01S3/0602 H01S3/093 A61M21/00 A61M2021/0027 G10K11/178 A61B5/7217 A61B5/150343 A61B5/15138 H04R25/75 A61B5/150076 A61B5/150099 A61B2090/395 A61B2010/008 A61B2017/00057 A61M2037/0007 A61B5/15134 A61B5/411 A61B17/205 A61B17/3476 A61B18/20 A61B18/203 A61B2017/00765 A61B2018/00452 A61B2218/008 A61M37/00 A61N1/16 A61B5/150755 A61B5/150351 A61B5/150954 A61B5/150022

European class: A61B18/20 A61B18/20H A61B5/14 A61B5/151B A61B5/41B A61M21/00 A61M37/00 A61N1/16 G10K11/178 H01S3/06A H04R25/75 K61B10/00L11 K61B17/00C1L K61B17/00R2S K61B17/20B K61B17/34P K61B18/00F8 K61B19/54J6 K61B218/00D4D K61B5/14 K61B5/14B2 K61M21/00A5 K61M37/00 K61M37/00D T01S3/02S T01S3/093

US class: 128/770 128/897 128/898 128/898S 600/573 600/573P 604/20 604/20S 604/21 606/10 606/10S 606/13 606/13S 606/17 606/17S 606/2 606/2S 606/3 606/7 606/9 606/9P 606/9S 607/88 607/88S 607/89 607/89S

Classification Explorer

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US4383729 A, US4028636 A, US3865113 A, US3622743 A, SU2027450, SU2005515, SU1670858 T, SU1614808 T, RU2063180 C1, RU2027450 C1, RU2005515 C1, JP7039542 A2, JP4314428 A2, EP0214712 A1,

0) US2012228306A – LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH ...

13) Family number: 51896376 (US2012228306A) © PatBase

Title: LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH PEELABLE DETACHABLE LAYERS

Priority:

US20110450565P	20110308	US20110487677P	20110518	US20110494170P	20110607
US20110552663P	20111028	US20110552687P	20111028	US20120415781	20120308
US20120670168P	20120711	WO2012US61535	20121024	WO2013US36273	20130412
WO2012US61535	20120711	US20130413045	20130412	US20160053108	20160225

Family:

Publication number	Publication date	Application number	Application date
AU2013289175 AA	20140116	AU20130289175	20130412
CA2878251 AA	20141231	CA20132878251	20130412
CN104427986 A	20150318	CN201380037065	20130412
EP2872142 A1	20150520	EP20130718720	20130412
IN10801DN2014 A	20150904	IN2014DN10801	20141217
JP2015522070 T2	20150803	JP20150521607T	20130412
KR20150036014 A	20150407	KR20157000335	20130412
MX2015000457 A1	20150408	MX20150000457	20130412
RU2015104537 A	20160827	RU20150104537	20130412
TW201332551 A	20130816	TW20120139805	20121026
US2012228306 AA	20120913	US20120415781	20120308
US2015202203 AA	20150723	US20130413045	20130412
US2016176611 AA	20160623	US20160053108	20160225
US9302842 BB	20160405	US20120415781	20120308
WO12122427 A2	20120913	WO2012US28372	20120308
WO12122427 A3	20121227	WO2012US28372	20120308
WO14011284 A1	20140116	WO2013US36273	20130412

Probable Assignee: CONVERTER MFG INC

Assignee(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F ; NOVARTIS AG ; NOVARTIS INT AG ; CONVERTER MFG INC

Assignee(s): CONVERTER MFG LLC ; CONVERTER MANUFACTURING INC ; NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH INC

Inventor(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F

Inventor(s): FANG LI ; JOHN E MONAHAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61K31/404 A61K31/4709 A61K31/4745 A61K31/496 A61K31/506 A61K31/5355 A61K39/395 A61K45/06 A61P1/00 A61P35/00 A61P43/00 B65B1/04 B65D1/22 B65D25/04 B65D25/14 B65D51/28 B65D77/30 B65D81/26 (Advanced/Invention); B65D1/22 B65D1/26 B65D25/04 B65D25/14 (Advanced/Non–invention)

CPC: B65D65/40 B65D81/265 A61K31/4709 A61K31/404 Y02W30/801 A61K31/4745 A61K31/5355 A61K31/506 A61K31/496 A61K45/06 B65D1/22 B65D1/26 B65D25/04 B65D25/14 B65D81/264 B65D51/28 B65D77/30 B65D2577/205 B65D2577/2075 B65D81/262

European class: B65D81/26C1

US class: 1/1 206/204 220/501 220/521 426/106 514/252.18 53/467

Classification Explorer

Cited documents: WO12001074 A2, WO09141386 A1, WO09141213 A1, WO09115562 A2, WO08060688 A1, WO08037716 A2, WO07064719 A2, WO07059187 A1, WO07015871 A1, WO07015870 A2, WO06127926 A2, WO06124413 A2, WO06000420 A1, WO05046589 A2, WO05004658 A1, WO04005281 A1, WO03087095 A1, WO03066613 A1, WO0222598 A1, US9302842 BB, US7921992 BB, US6894051 BA, US6391402 BA, US6223894 BA, US5521184 A, US2014288073 AA, US2012052165 AA, US2009215793 AA, US2008031553 AA, US2007056863 AA, US2005267125 AA, JP2000344224 A2,

0) US2010075094A – MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ...

14) Family number: 41774628 (US2010075094A)

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Title: MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ROLLS OF SHEETS WITH ALTERNATING CUTS AND PRE−CUTS

Priority:

CA20132803402	20130123	CN201380008541	20130208	US20120359254	20120126
US20120370511	20120210	FR20060009546	20061031	US20090513004	20090430
WO2007FR01737	20071022	WO2007FR75094	20071022	US20120632501	20121001
WO2013US25334	20130208	US20140576534	20141219	WO2015US66015	20151216

Family:

Publication number	Publication date	Application number	Application date
AU2013216894 AA	20130815	AU20130216894	20130208
AU2013216894 BB	20171019	AU20130216894	20130208
CA2667133 AA	20090421	CA20072667133	20071022
CA2667133 C	20150127	CA20072667133	20071022
CA2803402 AA	20130726	CA20132803402	20130123
CA2864324 AA	20140808	CA20132864324	20130208
CA2971442 AA	20170616	CA20152971442	20151216
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CN104105434 B	20170815	CN201380008541	20130208
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JP2015511839 T2	20150423	JP20140556723T	20130208
MX2013000887 A1	20130725	MX20130000887	20130122
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US2010075094 AA	20100325	US20070513004	20071022
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US2012237711 AA	20120920	US20120359254	20120126
US2013040089 AA	20130214	US20120632501	20121001
US2015102048 AA	20150416	US20140576534	20141219
US8298640 BB	20121030	US20070513004	20071022
US8741410 BB	20140603	US20120632501	20121001
US8802211 BB	20140812	US20120359254	20120126
WO08056042 A2	20080515	WO2007FR01737	20071022
WO08056042 A3	20081218	WO2007FR01737	20071022
WO13119940 A1	20130815	WO2013US25334	20130208
WO16100462 A1	20160623	WO2015US66015	20151216

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** CATTACIN GILLES ; ENGGASSER YVES ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; DIXIE CONSUMER PRODUCTS LLC ; ANDRES ANN M ; CASE ABBY C ; GENNRICH DAVID JAMES ; MARIETTA TONDIN JULIEN ; LAURENT PIERRE ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; GEORGIA PACIFIC FRANCE SOC PAR ; NEVEU JEAN LOUIS ; GEORGIA PACIFIC FRANCE

Assignee(s): GEORGIA PACIFIC FRANCE SOCIETE PAR ACTIONS SIMPLIFIEE ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A ; GEORGIA PACIFIC FRANCE11 ROUTE INDUSTRIELLEF−68320KUNHEIMFR ; GEORGIA PACIFIC FRANCE SOC PAR ACTIONS SIMPLIFIEE ; GENNRICH DAVID J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; CASPER TED ALLEN ; DESIGN CONCEPTS INC

Inventor(s):(std)**:** ANDRES ANN M ; CASE ABBY C ; CASPER TED ALLEN ; CATTACIN GILLES ; ENGGASSER YVES ; GENNRICH DAVID JAMES ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; NEVEU JEAN LOUIS ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; STRAHM CHRISTOPHER T CT ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A SA ; LATHAM STEPHEN A ; KALLSEN KENT J KJ ; GENNRICH DAVID J DJ ; GENNRICH DAVID J ; CASE ABBY C AC

Inventor(s): ANN M ANDRES ; ABBY C CASE ; DAVID J GENNRICH ; CHRISTOPHER T STRAHM ; JULIEN MARIETTA TONDIN ; GILLES CATTACIN ; KENT J KALLSEN ; STEPHEN A LATHAM ; REMY RUPPEL ; PIERRE LAURENT ; STRAHM CHRISTOPHER TUS ; YVES ENGGASSER ; NEVEU JEAN LOUISFR ; LATHAM STEPHEN AUS ; KALLSEN KENT JUS ; GENNRICH DAVID JUS ; JEAN LOUIS NEVEU ; ENGGASSER YVESFR ; CATTACIN GILLESFR ; CASE ABBY CUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/34 A47K10/36 A47K10/38 A47K10/40 A47K10/42 A47K10/44 B26D1/62 B31B49/00 B32B3/24 B65H16/00 B65H16/02 B65H20/02 B65H23/182 B65H35/04 B65H35/10 B65H37/06 B65H45/12 B65H45/14 B65H45/16 B65H45/18 B65H45/28 D21F7/00 (Advanced/Invention); A47K10/00 B26D1/00 B65H16/00 (Core/Invention); A47K B65H (Subclass/Invention)

CPC: B31D1/0031 B31D1/04 B65H16/005 B65H2301/41306 B65H2701/121 B65H45/28 Y10T428/15 A47K10/16 Y10T83/0515 Y10T83/483 B65H35/10 A47K10/3625 B65H37/06 A47K10/26 A47K10/3612 A47K10/3687 A47K10/426 A47K2010/3668 G07F11/045 B65H31/02 B65H31/24 B65H31/3009 B65H33/00 B65H33/14 B65H2301/4212 B65H2301/4213 B65H2405/11152 B65H2405/332 B65H2511/30 A47K10/42 B65H45/142 B65H45/18 B65H2701/1924

European class: A47K10/16 A47K10/42 B31D1/00F B31D1/04 B65H45/14D B65H45/18 L65H701/1924

US class:

221/1 221/30 221/30P 221/34 221/34S 221/40 428/43 428/43P 493/369 83/343 83/343S 83/37 83/37S

Classification Explorer

Cited documents: WO9837794 A1, WO9721377 A1, WO13119940 A1, WO08056042 A2, WO06007256 A1, USRE34288 E, US8662346 BB, US8298640 BB, US7971514 BB, US7967235 BB, US7954405 BB, US7837077 BB, US7832678 BB, US7416162 BB, US7370826 BB, US7234610 BB, US7168602 BB, US7137539 BB, US7063656 BA, US6964395 BA, US6959885 BB, US6915980 BB, US6892898 BA, US6889970 BB, US6884209 BB, US6874653 BB, US6871815 BB, US6860447 BB, US6838887 BB, US6826991 BA, US6736348 BA, US6651922 BA, US6644503 BB, US6622888 BB, US6592067 BB, US6581500 BA, US6536624 BB, US6464120 BA, US6460727 BA, US6447864 BB, US6440052 BA, US6352172 BA, US6237871 BA, US6228454 BA, US6152397 A, US6145782 A, US6145779 A, US6109473 A, US6090467 A, US607498 A, US6059711 A, US6029921 A, US6010090 A, US5979822 A, US5846412 A, US5836862 A, US5785274 A, US5704566 A, US5582362 A, US5526973 A, US5496605 A, US5364332 A, US5310398 A, US5244161 A, US5205454 A, US5131302 A, US511983 A, US5064179 A, US5048809 A, US5044873 A, US4982337 A, US495516 A, US4944466 A, US4928432 A, US4905868 A, US4856724 A, US4846412 A, US4807824 A, US4756485 A, US4753369 A, US4651895 A, US4648530 A, US4643705 A, US4627117 A, US459516 A, US4566608 A, US4552315 A, US453003 A, US4521209 A, US4457964 A, US4403748 A, US4378912 A, US4317547 A, US4236679 A, US4134521 A, US400913 A, US390328 A, US3877576 A, US3845289 A, US3570335 A, US3326365 A, US3276706 A, US2328109 A, US2105707 A, US2053786 A, US2016088982 AA, US2013040089 AA, US2012237711 AA, US2012138625 AA, US2011319244 AA, US2011254214 AA, US2011233254 AA, US2011226883 AA, US2011210137 AA, US2011184864 AA, US2011177278 AA, US2011168831 AA, US2011139920 AA, US2011132920 AA, US2010304945 AA, US2010224647 AA, US2010114366 AA, US2010075094 AA, US2009212153 AA, US2009155512 AA, US2008280088 AA, US2008197142 AA, US2008173661 AA, US2007544 A, US2007098944 AA, US2006273100 AA, US2006175344 AA, US2005067519 AA, US2004254054 AA, US2003183717 AA, US2003169046 AA, JP7069529 A2, JP6022882 A2, JP2012006741 A2, JP2009039226 A2, JP2005065730 A2, JP2004129863 A2, JP2003290072 A2, JP2003144344 A2, JP2002017601 A2, JP11178741 A2, GB2377204 A1, FR2873562 A1, FR2761252 A1, EP1232715 B1, EP1231823 B1, EP1230886 B1, EP0930039 B1, EP0865247 B1, DE20314147 U1, DE20107189 U1, DE10256295 A1, CN101883514 A,

0) US2001009883A – VACUUM ASSISTED APPARATUS AND METHOD

15) Family number: 28130627 (US2001009883A)

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Title: VACUUM ASSISTED APPARATUS AND METHOD

Priority:

EP20000948654	20000713	EP20040027390	20000713	US20020218917	20020813
US20010803856	20010312	US19990353474	19990713	EP20100182904	20000713
WO2000US19112	20000713				

Family:

Publication number	Publication date	Application number	Application date
AU200062124 A1	20010130	AU20000062124	20000713
AU200062124 A5	20010130	AU20000062124	20000713
BRPI0012426 A	20020521	BR2000PI12426	20000713
CA2379377 AA	20020114	CA20002379377	20000713
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DE60047553 D1	20121129	DE20006047553	20000713
EP1216143 A1	20020626	EP20000948654	20000713
EP1216143 A4	20021016	EP20000948654	20000713
EP1216143 B1	20050323	EP20000948654	20000713
EP1514677 A1	20050316	EP20040027390	20000713

EP1514677 B1	20101215	EP20040027390	20000713
EP2308672 A1	20110413	EP20100182904	20000713
EP2308672 B1	20121003	EP20100182904	20000713
EP2311631 A1	20110420	EP20100182905	20000713
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ES2228291 T3	20050901	ES20000948654T	20000713
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US2003045415 AA	20030306	US20020218917	20020813
US6296601 BA	20011002	US19990353474	19990713
US6431038 BB	20020813	US20010803856	20010312
WO0103913 A1	20010118	WO2000US19112	20000713

Probable Assignee: CG BRETTING MFG CO INC

Assignee(s):(std)**:** C G BRETTING MFG COM ; BRETTING C G MFG CO INC ; COUTURIER DENNIS P

Assignee(s): DENNIS P COUTURIER ; C G BRETTING MANUFACTURING CO ; C G BRETTING MANUFACTURING CO INC ; CG BRETTING MFG CO INC ; CGBRETTING MFG CO INC ; C G BRETTING MFG CO INC ASHLAND ; CG BRETTING MFG ; C G BRETTING MANUFACTURING COMPANY INC ; C G BRETTING MFG CO INC ; CG BRETTING MFG CO

Inventor(s):(std)**:** COUTURIER DENNIS P ; COUTURIER P

Inventor(s): DENNIS PCOUTURIER ; DENNIS P COUTURIER ; COUTURIER DENNIS P WASHBURN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B01J21/08 B26D1/62 B26D5/02 B26D7/01 B31B1/14 B65H35/08 (Advanced/Invention)

International class (IPC 1–7): B01J21/08 B26D1/62 B26D3/00 B26D7/01 B31B1/12 B31B1/14

CPC: Y10T83/05 Y10T83/0515 Y10T83/4659 Y10T83/4711 Y10T83/8733 Y10T83/8748 B26D5/02 B26D1/425 B26D1/626 B26D7/018 B65H35/08 B65H2406/33 B65H2406/3612 B65H2406/3632 B65H2511/10 B65H2601/121

European class: B26D1/62B B26D5/02 B26D7/01F B65H35/08 L26D1/42B L65H406/33 L65H406/3612 L65H406/3632 L65H511/100 L65H601/121 L65H612/100

US class: 493/123 493/123P 493/353 493/361 493/365 83/287 83/305 83/34 83/340 83/37 83/553 83/563

Classification Explorer

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

16) Family number: 14416980 (US5538778A) © PatBase

Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

Priority:

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ZA9600892 A	19961009	ZA19960000892	19960205

Probable Assignee: LIBEROPAX LLC

Assignee(s):[std]**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN US ; GEAMI LTD

Inventor(s):[std]**:**

JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES

Inventor(s): DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

International class (IPC 8–9): B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)

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CPC: B31D2205/0023 Y10S206/814 Y10S428/906 Y10S493/967 Y10T29/18 Y10T29/185 Y10T428/1303 Y10T428/24306 Y10T428/24314 Y10T428/24322 Y10T428/2457 Y10T428/24612 Y10T428/24694 Y10T428/24711 Y10T428/24752 Y10T428/24777 Y10T428/24793 B31D5/0069 B21D31/04 B31D3/002 B65D81/03 B31D3/04 B31D5/0065 B65D81/05 Y10T428/24942 Y10T428/24967 Y10T428/268 Y10T428/31993 B31D2205/0047 B31D5/006 B31C5/00 B31D2205/007 B65D81/09

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0) US2002016122A – ELASTIC LAMINATE WEB

17) Family number: 42243767 (US2002016122A)

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Title: ELASTIC LAMINATE WEB

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BENSON DOUGLAS HERRIN ; PROCTER AND GAMBLE ; P AND G CO ; CURRO JOHN JOSEPH ; STRUBE JOHN BRIAN

Assignee(s): SPENCER ANTHONY STEPHEN ; PROCTER AND GAMBLE CO CINCINNATI ; MANSFIELD MICHELE ANN ; KAMINISKI ANNEKE MARGARET ; DYE DEBORAH RUTH ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; PROCTTER AND GAMBLE CO ; DUGAS MICHAEL BERNARD ; PROCTER AND GAMBLE CO ; CURRO JOHN J ; ALWATTARI ALI ABDELAZIZ ; BENSON DOUGLAS H

Inventor(s):(std)**:** BRIAN CURRO JOHN JOSEPH BENSON ; BRIAN STRUBE JOHN ; CURRO J J ; CURRO JOHN ; CURRO JOHN JOSEPH ; DUGAS MICHAEL BERNARD ; DUGAS RONALD JOSEPH ZINK MICHA ; DYE D R ; DYE DEBORAH RUTH ; HERRIN BENSON DOUGLAS ; BENSON D H ; BENSON DOUGLAS ; BENSON DOUGLAS HERRIN ; DOUGLAS HERRIN BENSON ; JOSEPH CURRO JOHN ; KAMINISKI ANNEKA MARGARET ; MARGARET KAMINISKI ANNEKE ; MICHAEL BERNARD DUGAS ; OYE D R ; STRUBE JOHN ; STRUBE JOHN BRAIN ; STRUBE JOHN BRIAN ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; STAHL EDWARD KENNETH ; ROBERSON CHARLES DETWILER ; PECK DANIEL CHARLES ; FERESHTEHKHOU SAEED ; DUGAS MICHAEL B ; MANSFIELD CURRO JOHN JOSEPH AL ; MANSFIELD MICHELLE ANN ; ZINGELMANN JESSICA ; ZINK RONALD J II ; CURRO JOHN J ; BROWN JESSICA ZINGELMANN ; BENSON DOUGLAS H ; BALDWIN JR ALFRED FRANK ; SPENCER ANTHONY STEPHEN ; MANSFIELD MICHELE ANN ; KOEHLER DEBORAH ADAMO ; KAMINISKI ANNEKE MARGARET ; JONES WALTER GOMER ; GILLETTE SAMUEL MARK ; BALDWIN ALFRED FRANK ; ANN MANSFIELD MICHELE ; ALWATTARI ALI ABDELAZIZ ; ABDELAZIZ ALWATTARI ALI

Inventor(s): ZINK RONALD ; STRUBE JOHN BRIAN HAMILTON ; DUGAS MICHAEL ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE JOHN BRIAN ; BALDWIN JR ALFRED FRANC ; ZINK RONALD JII ; MANSFIELD MICHELLE ANN CINCINNATI ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ... ; STRUBE JOHN BRIAN OKEANA ; RONALD JOSEPH ZINK ; RONALD JOSEPH ZINK MICHAEL BERNARD DUGAS ; SPENCER ANTHONY STEPHEN WOODSTOCK ; KAMINISKI ANNEKA MARGARET CINCINNATI ; DR DYE ; DR OYE ; BENSON DOUGLAS HERRIN WEST HARRISON ; J J CURRO ; JJ CURRO ; JOHN BRAIN STRUBE ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ BENSON DOUGLAS HERRIN KAMINISKI ANNEKE MARGARET MANSFIELDMICHELE ANN STRUBE JOHN BRIAN ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE ; CURRO JOHN JOSEPH CINCINNATI ; D H BENSON ; D R DYE ; D R OYE ; DEBORAH RUTH DYE ; DH BENSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL

SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

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European class: A47L1/15 A47L13/17 A61F13/15M2B A61F13/15M5 A61F13/15M6 A61F13/15M6C A61F13/15M7 A61F13/49D2H A61F13/511A A61F13/511D A61F13/512 A61F13/512B A61F13/513 A61F13/514B1A A61F13/514B2 A61F13/514C1 A61F13/514C2 A61F13/53 A61F13/536 A61F13/537 A61F13/539 A61F13/84B A61K8/02C A61Q19/00 A61Q19/10 B26F1/20 B26F1/24 B29C55/02B B29C55/18 B29C59/00G B29C65/02 B29C65/18 B29C65/7437 B29C66/21 B29C66/4722 B29C66/83411 B29C66/83413 B29C69/00 B32B15/04 B32B27/06 B32B3/26B B32B37/00D B32B37/14B B32B38/00A B32B38/00C

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US class: 156/184 156/184S 156/229 156/229S 156/50 156/51 156/52 156/55 156/56 162/123 162/123S 162/125 162/125S 162/128 162/128S 162/132 162/132S 174/113.00R 174/113R 174/119 174/119.00R 174/119.00RS 174/119R 174/120.00R 174/120R 174/121 174/121.00R 174/121.00RS 174/121R 174/122.00R 174/122R 174/124.00R 174/124R 174/68.1 174/68.100P 174/68.100S 239/53 239/57 428/103 428/103S 428/131 428/131S 428/134 428/136 428/137 428/137P 428/138 428/138S 428/156 428/156S 428/158 428/166 428/167 428/167S 428/172 428/172S 428/192 428/192S 428/195.1 428/196 428/196S 428/198 428/198P 428/201 428/212 428/221 428/292.1 428/297.1 428/320.2 428/321.1 428/34.8 428/36.1 428/68 428/71 428/72 428/72S 428/74 428/76 428/81 428/81S 442/123 442/123S 442/239 442/239S 442/327 442/327S 442/328 442/328S 442/329 442/336 442/336P 442/361 442/361S 442/370 442/373 442/373P 442/373S 442/376 442/377 442/377S 442/378 442/379 442/379S 442/381 442/381P 442/381S 442/389 442/389S 442/392 442/392S 442/393 442/394 442/394S 442/399 442/409 442/409S 442/412 604/378 604/378P 604/383 604/383S

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18) Family number: 52216844 (US2012273146A) © PatBase

Title: BULKED ABSORBENT MEMBERS

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; DIPILLA MARIO ; GROSS SARAH BETH ; CURRO JOHN JOSEPH ; DI PILLA MARIO ; MARINELLI LUIGI ; LAKE KIRK WALLACE ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; MULLANE TIMOTHY IAN ; KOCHER LEROY JOSEPH ; ISBURGH ROBERT KARL ; MUHS KEVIN GERARD ; STRUBE JOHN BRIAN ; PRIESSMAN KEITH ROBERT ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE COMAPNY

Assignee(s): PROCTOR AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTER AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH ; DIPILLA MARIO ; GROSS SARAH BETH ; HAMMONS JOHN LEE ; JILL MARLENE ORR ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; JOHNSON KEITH ROBERT ; KIRK WALLACE LAKE ; KOCHER JOSEPH LEROY ; KOCHER LEROY JOSEPH ; LAKE KIRK WALLACE ; LEROY JOSEPH KOCHER ; MULLANE TIMOTHY IAN ; ORR JILL MARLENE ; PILLA MARIO DI ; PRIESSMAN KEITH ROBERT ; MARINELLI LUIGI ; STRUBE JOHN BRIAN ; TIMOTHY IAN MULLANE ; MULLANTE TIMOTHY IAN ; ISBURG ROBERT KARL ; MUHS KEVIN GERARD ; ISBURGH ROBERT KARL ; DI PILLA MARIO ; CUPRO JOHN JOSEPH

Inventor(s): MARIO DIPILLA ; CARMINE CIMINI ; HAMMONS JOHN LEEUS ; GROSS SARAH BETHUS ; COE RICHARD GEORGEUS ; MULLANE TIMOTHY IANUS ; MUHS KEVIN GERARDUS ; KOCHER LEROY JOSEPHUS ; ISBURGH ROBERT KARLUS ; ORR JILL MARLENEUS ; MARIO DI PILLA ; RICHARD GEORGE COE ; SARAH BETH GROSS ; LUIGI MARINELLI ; JOSEPH LEROY KOCHER ; KEITH ROBERT JOHNSON ; KEITH ROBERT PRIESSMAN ; JOHN LEE HAMMONS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B13/04 A61F13/00 A61F13/15 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 A61L15/20 A61L15/22 B26F1/10 B26F1/14 B26F1/20 B26F1/24 B29C43/24 B29C53/22 B29C53/24 B29C55/08 B29C55/18 B29C59/04 B29C70/46 B31F1/00 B31F1/07 B31F1/20 B31F1/22 B32B1/00 B32B3/00 B32B3/02 B32B3/10 B32B3/24 B65H35/00 B65H35/02 C08F110/02 C08G63/183 D04H1/26 D04H1/425 D06C23/04 D06C3/00 D06C3/06 D21F11/00 D21H27/02 (Advanced/Invention); B29C43/22 B29C43/46 B29C53/22 B29C53/26 B29C53/28 B29C59/04 D21H27/00 (Advanced/Non–invention)

CPC: B31F2201/0756 B31F2201/0748 A61F13/532 B29C59/04 D21F11/006 D21F11/008 Y10T428/24322 Y10T428/24479 A61F13/15731 A61F13/15617 A61F2013/15439

A61F13/15707 B29C2043/464 B29C43/24 B29K2001/00 Y10T428/24628 Y10T428/24694 A61F13/15577 B29C43/226 B29C53/22 B29C53/265 B29C53/285 B29C55/08 B31F2201/0743 B31F1/20 B29L2007/002 Y10T428/24273 B31F2201/0733 B31F2201/0738 B31F2201/0741 B31F2201/0774 B31F2201/0797 B65H35/02 A61F2013/15292 A61F2013/15373 D21H27/002 A61F13/00 B32B3/28 B32B3/30 D21H27/02 Y10T428/24612 Y10T428/24942 A61F13/51104 A61F13/512 A61F13/5121 B26F1/20 B26F1/24 B31F1/07 B31F2201/07 B31B50/00 A61F13/511 B29D28/00 B26F1/10 B29C53/24 B29C55/18 B32B3/266

European class: A61F13/15M6 A61F13/15M6C B29C55/18 D21H27/00D D21H27/02

US class: 1/1 162/109 162/204 264/156 264/175 264/258 264/286 425/296 425/336 425/363 428/131 428/137 428/156 428/174 428/182 526/352 528/308.1 604/374

Classification Explorer

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0) US5814188A – SOFT TISSUE PAPER HAVING A SURFACE DEPOSITED SU...

19) Family number: 20668200 (US5814188A) © PatBase

Title: Soft tissue paper having a surface deposited substantive softening agent

Priority: US19960777829 19961231 WO1997US23077 19971215

Family:

Publication number	Publication date	Application number	Application date
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CA2276027 C	20050125	CA19972276027	19971215
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CO4900102 A1	20000327	CO19970075731	19971230
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DE69733213 T2	20060223	DE19976033213T	19971215

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HU9904111 AC	20000428	HU19990004111	19971215
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JP2001507761 T2	20010612	JP19980530072T	19971215
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KR20000069802 A	20001125	KR19997005948	19971215
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NO993208 A0	19990628	NO19990003208	19990628
PE33699 A1	19990423	PE19970001174	19971230
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TR9901512 T2	19991122	TR19970001512T	19971215
TW490530 B	20020611	TW19970120071	19980119
US5814188 A	19980929	US19960777829	19961231
WO9829605 A1	19980709	WO1997US23077	19971215
ZA9711612 A	19980625	ZA19970011612	19971223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; FICKE JONATHAN ANDREW ; GAMBLE CO ; KLOFTA THOMAS JAMES ; PROCTER AND

Inventor(s):(std)**:** JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; KENNETH DOUGLAS VINSON ; KLOFTA JAMES ; KLOFTA THOMAS JAMES ; PAUL T WEISMAN ; PAUL THOMAS WEISMAN ; THOMAS JAMES KLOFTA ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN THOMAS ; WEISMAN PAUL T ; VINSON KENNETH D ; FICKE JONATHAN A

Inventor(s): Vinson ; Klofta ; James ; Kenneth Douglas

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/00 D21H17/07 D21H17/59 D21H19/10 D21H21/14 D21H21/22 D21H27/02 (Advanced/Invention); D21H17/07 D21H17/59 D21H27/02 (Advanced/Non–invention); D21H17/00 D21H19/00 D21H21/22 D21H27/02 (Core/Invention); D21H17/00 D21H27/02 (Core/Non–invention)

International class (IPC 1–7): A47K B32B D21H D21H17/00 D21H17/06 D21H17/07 D21H17/45 D21H19/10 D21H21/14 D21H21/22 D21H27/02

CPC: D21H17/07 D21H17/59 D21H21/22 D21H27/02

European class: D21H21/22 N21H17/07 N21H17/59 N21H27/02

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/134 162/135 162/158 162/164.4

Classification Explorer

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0) US2004185209A – FUNGI RESISTANT SHEET, FACING AND FACED INSULAT...

20) Family number: 30974573 (US2004185209A) © PatBase

Title: FUNGI RESISTANT SHEET, FACING AND FACED INSULATION ASSEMBLY

Priority:

US20030394134	20030320	US20030465311	20030619	US20030703130	20031106
US20060581853	20061017	US20040801733	20040315	US20050075164	20050308
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Family:

Publication number	Publication date	Application number	Application date
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WO04085574 A2	20041007	WO2004US08232	20040318
WO04085574 A3	20050331	WO2004US08232	20040318

Probable Assignee: JOHNS MANVILLE

Assignee(s):(std): BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; JOHNS MANVILLE ; JOHNS MANVILLE INT INC ; MOORE ANTHONY E ; LOGSDON TIMOTHY D

Assignee(s): MANVILLE JOHNS ; JOHNS MANVILLE INTERNATIONAL INC ; JOHNS MANVILLE INT

Inventor(s):(std): BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; LOGSDON TIMOTHY D ; MOORE ANTHONY E

Inventor(s): BOGRETT BLAKE ; MOORE ANTHONY ; LOGSDON TIMOTHY ; FAY RALPH ; BRATSCH ANGELA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A01N59/02 B29C47/00 B32B1/04 B32B1/08 B32B11/00 B32B11/06 B32B11/10 B32B27/00 B32B27/06 B32B27/36 B32B29/04 B32B3/00 B32B3/04 B32B3/06 B32B7/14 C08K5/00 C08K5/372 C08K5/47 C08L95/00 D04H3/16 D06N5/00 D06N7/04 D21H11/00 D21H17/00 D21H19/00 D21H19/24 D21H21/36 D21J1/08 E04B1/66 E04B1/72 E04B1/74 E04B1/76 E04B1/78 E04D13/00 (Advanced/Invention); B32B3/02 B65D65/28 (Advanced/Non–invention); E04B1/66 E04B1/76 E04D13/00 (Core/Invention)

International class (IPC 1–7): A01N25/34 A01N59/02 B32B1/08 B32B27/00 B32B27/04 B32B29/00 B32B29/04 B32B3/00 B32B3/04 B32B7/14 C10C D06N7/04 D21J1/08 E04B1/72 E04B1/78 E04C2/00 F16L1/00 G09F3/00

CPC: Y10S428/907 Y10T428/24355 Y10T428/15 Y10T428/24777 Y10T428/139 Y10T428/23 Y10T428/233 Y10T428/237 Y10T428/24231 Y10T428/2457 C08K5/0058 E04B1/767 E04B2001/7691 D21H21/36 Y10T428/31507 Y10T428/31786 Y10T428/31815 Y10T442/2525 Y10T442/2533 Y10T442/681 Y10T428/31823 E04B9/045 E04B1/7654 E04D13/002 Y10T428/31993 E04B1/665 Y10T428/249955 B32B5/022 B32B5/024 B32B2307/7145 B32B2419/06 B32B2317/122 B32B2419/00 B32B11/10 C08L95/00 B32B11/06 D21H19/24

European class: B32B11/06 B32B11/10 C08K5/00P7 C08L95/00 D21H19/24 D21H21/36 E04B1/66 E04B1/76E E04B1/76E2B1F E04B9/04G E04D13/00A E04D13/16A1C P04B1/76R

US class: 162/161 424/412 424/413 424/414 424/415 424/611 424/703 428/126 428/141 428/141P 428/167 428/192 428/192P 428/306.6 428/306.600S 428/36.9 428/36.900P 428/412 428/412S 428/43 428/43P 428/43S 428/480 428/480S 428/489 428/489S 428/491 428/491S 428/537.5 428/537.500P 428/68 428/71 428/74 428/907 442/123 442/123P 442/124 442/124S 442/401 442/401S 52/404.1 52/406.2 52/407.3 52/408 52/796.1 52/796.100S 52/98

Classification Explorer

Cited documents: WO0222976 A1, WO0172125 A2, WO0136354 A1, US7008890 BA, US6939442 BB, US6890666 BB, US6878455 BB, US6808772 BB, US6680127 BB, US6550212 BB, US6461421 BA, US6399694 BA, US6358599 BA, US6357504 BA, US6331350 BA, US6312826 BA, US6309456 BA, US6279284 BA, US6245381 BA, US6231927 BA, US6191057 BA, US6123796 A, US6123795 A, US6083594 A, US5931157 A, US5882731 A, US5848509 A, US5773375 A, US5746854 A, US5733624 A, US5709870 A, US5672434 A, US5598677 A, US5573810 A, US5554238 A, US5506020 A, US5362539 A, US5356664 A, US5326654 A, US5319000 A, US5277955 A, US5271767 A, US5264257 A, US5253461 A, US5236754 A, US5224967 A, US5192598 A, US5057351 A, US4952441 A, US4764420 A, US4709523 A, US4629645 A, US4282276 A, US3998944 A, US3998024 A, US3842559 A, US3813280 A, US3729879 A, US3424647 A, US3370957 A, US3307306 A, US3222243 A, US3140220 A, US2913104 A, US2887426 A, US2786004 A, US2750313 A, US2568850 A, US2568849 A, US2548646 A, US2496566 A, US2395922 A, US2332703 A, US2330810 A, US2280460 A, US2006008496 AA, US2005223668 AA, US2005170721 AA, US2005166087 AA, US2005089653 AA, US2004185212 AA, US2004185211 AA, US2004185204 AA, US2004182031 AA, US2004166087 AA, US2004163724 AA, US2004163714 AA, US2004088939 AA, US2004055227 AA, US2004023588 AA, US2004014385 AA, US2003234068 AA, US2003170317 AA, US2003136079 AA, US2003129899 AA, US2003100604 AA, US2003054717 AA, US2002114913 AA, US2002072008 AA, US2001030018 AA, US2001021711 AA, US2001009834 AA, JP57032508 A2, JP54155265 A2, JP354155265, JP3263472 A2, GB649261 A, EP0940249 A2,

0) US2003199418A – PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER...

21) Family number: 30127938 (US2003199418A) © PatBase

Title: PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER DISRUPTER

Priority:

US19980104371P	19981015	US19990137336P	19990603	US20030444851	20030523
WO1999US23592	19991008	US20030444844	20030523	US19990413578	19991006
WO1999US23593	19991008				

Family:

Publication number	Publication date	Application number	Application date
AR015560 AA	20010502	AR1999P105230	19991015
AR016741 AA	20010725	AR1999P105231	19991015
AT245724 E	20030815	AT19990951897T	19991008
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CA2346338 C	20070522	CA19992346338	19991008
CA2346658 AA	20010405	CA19992346658	19991008
CA2346658 C	20051206	CA19992346658	19991008
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HK1039166 A1	20050930	HK20010108951	20011220
HU0103609 AB	20020128	HU20010003609	19991008
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JP2002527166 T2	20020827	JP20000576114T	19991008
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KR20010085926 A	20010907	KR20017004741	19991008
MX254453 B	20080211	MX2001PA03751	20010411
MXPA01003751 A1	20010701	MX2001PA03751	20010411
NO20011806 A	20010615	NO20010001806	20010409
NO20011806 A0	20010409	NO20010001806	20010409
NZ510926 A	20030725	NZ19990510926	19991008
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TH42763 A	20010130	TH19991003858	19991014
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WO0022231 A1	20000420	WO1999US23593	19991008
WO0022233 A1	20000420	WO1999US23592	19991008
ZA200102562 A	20020930	ZA20010002562	20010328
ZA200102564 A	20020930	ZA20010002564	20010328

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; RICE JOHN ERNEST ; PROCTER AND GAMBLE CO CINCINNATI ; FRANKENBACH GAYLE MARIE ; KARL AMY JO ; MCFARLAND JAMES ROBERT ; MCKAY DAVID DALE

Inventor(s):(std)**:** WAHL HOFFMAN ; WAHL ERROL HOFFMAN ; VINSON KENNETH DOUGLAS ; VINSON DOUGLAS ; RICE JOHN ERNEST ; RICE ERNEST ; MCKAY DAVID MICHAEL ; MCKAY DAVID DALE ; MCKAY DALE ; MCFARLAND ROBERT ; MCFARLAND JAMES ROBERT ; KENNETHD VINSON ; KENNETH DOUGLAS VINSON ; KARL JO ; KARL AMY JO AND ; KARL AMY JO ; JOHNE RICE ; JOHN ERNEST RICE ; JAMES ROBERT MCFARLAND ; GAYLE MARIE FRANKENBACH ; FRANKENBACH MARIE ; FRANKENBACH GAYLE MARIE ; ERROLH WAHL ; ERROL HOFFMAN WAHL ; DAVIDD MCKAY ; DAVID MICHAEL MCKAY ; DAVID DALE MCKAY ; AMYJ KARL ; AMY JO KARL ; WAHL ERROL H ; VINSON KENNETH D ; RICE JOHN E ; MCKAY DAVID D ; KARL AMY J ; DOUGLAS VINSON KENNETH DOUGLAS

Inventor(s): DAVID D MCKAY ; JOHN E RICE ; KENNETH D VINSON ; AMY J KARL ; AMY JO ; ERROL HOFFMAN ; FRANKENBACH ; GAYLE MARIE ; KARL ; KENNETH DOUGLAS ; VINSON ; ERROL H WAHL

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K7/00 B32B29/06 C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04 C11D3/00 C11D3/02 D21F11/04 D21F11/14 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/63 D21H17/66 D21H17/74 D21H21/14 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21J1/00 (Advanced/Invention); A47K7/00 D21H17/06 D21H17/07 D21H17/66 D21H21/22 D21H23/04 D21H27/38 (Advanced/Non-invention); C11D1/38 C11D1/72 C11D1/75 C11D1/835 C11D17/04 C11D3/02 D21F11/00 D21H15/00 D21H17/00 D21H21/22 D21H23/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): 11/00 A47K7/00 C11D1/62 C11D1/645 C11D1/835 C11D17/04 C11D3/00 D21F11/00 D21H 11/00 D21H11/00 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/66 D21H17/74 D21H17/74 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21H5/24 D21J1/00

CPC: C11D1/40 C11D1/52 C11D1/525 C11D1/62 C11D1/645 C11D1/72 C11D1/75 C11D1/835 C11D3/046 C11D17/046 C11D17/049 D21H17/06 D21H17/07 D21H17/66 D21H17/71 D21H21/22 D21H27/38 C11D1/74 D21H23/04

European class: C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04B4 C11D17/04F C11D3/04S D21H17/71 D21H21/22 D21H23/04 D21H27/38 M11D1/52H M11D1/62 M11D1/72 M11D1/75 N21H17/06 N21H17/07 N21H17/66 N21H21/22

US class: 162/109 162/112 162/123 162/123S 162/135 162/135S 162/158 162/179 162/179S 162/181.1 162/181.2 162/181.200S 162/204 252/8.63 252/86.3 510/404 510/421 510/499 510/499S 510/504 510/504S 510/515 510/515S

Classification Explorer

Cited documents: WO9916974 A1, WO9410381 A1, WO0248458 A1, WO0022233 A1, WO0022231 A1, USH1672 H1, US6797117 BA, US6607637 BA, US6579416 BA, US6547928 BB, US6420013 BA, US6376455 BA, US6162329 A, US6126784 A, US6040071 A, US5981044 A, US5929025 A, US5841188 A, US5814188 A, US5792219 A, US5767052 A, US5753079 A, US5747109 A, US5747108 A, US5643865 A, US5573637 A, US5538595 A, US5527560 A, US5525345 A, US5501806 A, US5498350 A, US5487813 A, US5447644 A, US5417753 A, US5405501 A, US5405499 A, US5308513 A, US5264083 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4497716 A, US4476323 A, US4300981 A, US3681241 A, US2003201085 AA, US2003199418 AA, US2003127206 AA, US2002112831 AA, GB2007734 A1, EP0896045 A1, EP0688901 A2, EP0503221 A1,

0) US2009188636A – SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND...

22) Family number: 43554009 (US2009188636A)

© PatBase

Title: SOFT TISSUE PAPER HAVING A POLYHYDROXY COMPOUND APPLIED ONTO A SURFACE THEREOF

Priority:

US20080011557	20080128	US20090350982	20090109	WO2009US31956	20090126
WO2009IB50161	20090116	US20100956380	20101130	US20110159507	20110614

Family:

Publication number	Publication date	Application number	Application date
CA2713480 AA	20100728	CA20092713480	20090126
CA2713480 C	20170124	CA20092713480	20090126
CA2713565 AA	20100728	CA20092713565	20090116
CA2713565 C	20170214	CA20092713565	20090116
MX2010007863 A1	20100809	MX20100007863	20090116
MX2010007865 A1	20100809	MX20100007865	20090126
US2009188636 AA	20090730	US20080011557	20080128
US2009188637 AA	20090730	US20090350982	20090109
US2011104443 AA	20110505	US20100956380	20101130
US2011303374 AA	20111215	US20110159507	20110614
US7867361 BB	20110111	US20080011557	20080128
US7972475 BB	20110705	US20090350982	20090109
US8070913 BB	20111206	US20100956380	20101130
US8187419 BB	20120529	US20110159507	20110614
WO09095807 A2	20090806	WO2009IB50161	20090116
WO09095807 A3	20141030	WO2009IB50161	20090116
WO09097231 A1	20090806	WO2009US31956	20090126

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std): CHAN ERIC ; PROCTER AND GAMBLE ; PRODOEHL MICHAEL SCOTT ; SALAAM LATISHA EVETTE ; WOODS BROOKE MARIE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std): WOODS BROOKE MARIE ; SALAAM LATISHA EVETTE ; PRODOEHL MICHAEL SCOTT ; CHAN ERIC

Inventor(s): BROOKE MARIE WOODS ; ERIC CHAN ; MICHAEL SCOTT PRODOEHL ; LATISHA EVETTE SALAAM

Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/12 B32B29/00 B32B3/28 D21H17/33 D21H19/10 D21H19/24 D21H19/72 D21H19/74 D21H21/22 D21H27/30 D21H27/40 (Advanced/Invention); B31F1/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention)

CPC: Y10T428/24463 Y10T428/24612 Y10T428/24802 Y10T428/24455 D21H19/72 D21H19/74 D21H27/005 D21H17/33 D21H19/10 D21H21/22 D21H27/002 Y10T428/31663 Y10T428/31982

European class: D21H17/33 D21H19/10 D21H19/72 D21H19/74 D21H21/22 D21H27/00D D21H27/00D2B

US class: 162/109 162/111 162/112 162/123 162/127 162/135 162/135S 162/158 162/168.1 162/172 162/173 162/179 424/402 428/153 428/154 428/154P 428/172 428/195.1 428/219 428/219S 428/447 428/447S 428/535 428/535S

Classification Explorer

Cited documents: WO9916974 A1, WO9829605 A1, WO09097231 A1, WO07025095 A1, WO06038936 A1, WO05103356 A2, USD570608 S1, US8070913 BB, US7972475 BB, US7867361 BB, US7867361 B1, US7485373 BB, US7485373 B1, US7407560 BB, US7195771 BA, US7147751 BB, US7147751 B1, US6905697 BB, US6872282 BA, US6855229 BB, US6733772 BA, US6624676 BB, US6607637 BA, US6428794 BA, US6416626 BA, US6268028 BA, US6261580 BA, US6238682 BA, US6162329 A, US6162327 A, US6146648 A, US6117525 A, US5981044 A, US5935384 A, US5851352 A, US5840403 A, US5830487 A, US5814188 A, US5716692 A, US5705164 A, US5624676 A, US5624532 A, US5575891 A, US5558873 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5385642 A, US5334286 A, US5246545 A, US5240562 A, US5228954 A, US5223096 A, US5215626 A, US5059282 A, US4981557 A, US4874557 A, US4874465 A, US4764418 A, US4529480 A, US4486374 A, US4364837 A, US436474 A, US4300981 A, US4166981 A, US4166001 A, US4011389 A, US3994771 A, US3964500 A, US3896807 A, US3779791 A, US3772076 A, US3700623 A, US2826551 A, US2388326 A, US2011303374 AA, US2011104443 AA, US2011027596 AA, US2010136294 AA, US2009188637 AA, US2009188636 AA, US2009104430 AA, US2008314535 AA, US2008087395 AA, US2007071797 AA, US2006278357 AA, US2005136265 AA, US2004188045 AA, US2004144511 AA, US2002120241 AA, GB849433 A, EP0803012 B1, EP0688901 A2, EP0613979 A1,

0) US2002117578A – SHEET MATERIAL DISPENSER WITH PERFORATION SENSO...

23) Family number: 28219846 (US2002117578A) © PatBase

Title: SHEET MATERIAL DISPENSER WITH PERFORATION SENSOR AND METHOD

Priority: CA20022372117 20020213 US20010793077 20010227 US20040881467 20040701 US20070686648 20070315

Family:

Publication number	Publication date	Application number	Application date
CA2372117 AA	20020827	CA20022372117	20020213
EP1234793 A2	20020828	EP20020251276	20020225
EP1234793 A3	20031105	EP20020251276	20020225
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US2007152010 AA	20070705	US20070686648	20070315
US6766977 BB	20040727	US20010793077	20010227
US7191977 BB	20070320	US20040881467	20040701
US7832679 BB	20101116	US20070686648	20070315

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CORP

Assignee(s): GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC RESIN INC ; KNITTLE JOHN J ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; BROEHL JOSHUA M ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DENEN DENNIS J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BROEHL JOSHUA M ; DENEN DENNIS J ; KNITTLE JOHN J

Inventor(s): KNITTLE JOHN ; DENEN DENNIS ; BROEHL JOSHUA

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): A47K10/36 A47K10/38 B26F3/02 B65H26/06 B65H35/10 B65H43/00 (Advanced/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 B65H26/00 B65H35/10 B65H43/00 B65H5/02 B65H5/04 B65H63/00

CPC: Y10T225/205 Y10T225/211 B65H35/10 B65H2511/512 B65H2553/412 A47K10/3612 A47K10/3625 A47K2010/3675 B65H43/00

European class: A47K10/36 B65H35/10 B65H43/00 L65H511/512 L65H553/412

US class: 225/10 225/10P 225/16 225/16S 242/563 242/563.2 242/563P

Classification Explorer

Cited documents: WO9959457 A1, US7296765 BB, US7237744 BB, US7191977 BB, US7114677 BB, US6854684 BB, US6766977 BB, US6578790 BA, US6412679 BB, US5937718 A, US5924617 A, US5915645 A, US5873542 A, US5868343 A, US5833104 A, US5772291 A, US5573318 A, US5455835 A, US5452832 A, US5441189 A, US5257711 A, US5244161 A, US5161723 A, US5135179 A, US5107734 A, US5078033 A, US5048386 A, US4984530 A, US4834309 A, US4786005 A, US4738176 A, US4732306 A, US4716799 A, US4712461 A, US4699304 A, US4666099 A, US4664304 A, US4635837 A, US4569467 A, US4552315 A, US4441392 A, US4404880 A, US4403748 A, US4378912 A, US4358169 A, US4307639 A, US4307638 A, US4213363 A, US4206858 A, US4192442 A, US4189077 A, US4188844 A, US4186633 A, US4165138 A, US4142431 A, US4137805 A, US395485 A, US3951485 A, US3741663 A, US3730409 A, US3687397 A, US3626491 A, US3425306 A, US3361021 A, US3065889 A, US2957636 A, US2957264 A, US2215052 A, US2193759 A, US2135767 A, US2121346 A, US2009026305 AA, US2007152010 AA, US2007080255 AA, US2006138274 AA, US2005051005 AA, US2003019971 AA, US2002030061 AA, US1026128 A, EP1101434 A2,

0) US2003035917A – IMAGE MAKING MEDIUM

24) Family number: 15254881 (US2003035917A) © PatBase

Title: IMAGE MAKING MEDIUM

Priority:

EP20000944650	20000612	US19990138694P	19990611	US20010012259	20011211
US20020170503	20020614	US20020012259	20020614	US20040567022P	20040430
WO2000US16111	20000612	US20090631627	20091204	US20140203327	20140310
US20140584921	20141229	US20050118975	20050428	US20170630499	20170622
US20170647051	20170711				

Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
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WO0077085 A1	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106 524/106S 524/609 524/612 528/502R

Classification Explorer

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0) US2006276367A – METHOD OF NEUTRALIZING A STAIN ON A SURFACE

25) Family number: 33979978 (US2006276367A) © PatBase

Title: METHOD OF NEUTRALIZING A STAIN ON A SURFACE

Priority:

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WO2006US21885	20060606	US20090491000	20090624	US20090645320	20091222
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WO2006US22184	20060606	WO2009US02966	20090513	WO2011US01818	20111027
WO2012US36487	20120504				

Family:

Publication number	Publication date	Application number	Application date
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CA2610774 AA	20071205	CA20062610774	20060606
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WO12057833 A1	20120503	WO2011US01818	20111027
WO12154547 A1	20121115	WO2012US36487	20120504

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s):(std)**:** BULLIS DANIEL R JR ; CARLSEN RUSSELL O ; CLARK PAUL A ; MINOR ERIC J ; KIMBALL JAMES F ; RODENKIRCH DOUGLAS S ; JOHNSON AND SON INC S C ; NAHM STEVEN H ; FRAZEE GLENN R ; HINKFUSS CATHY A ; BAKKEN TODD J ; BASS BENJAMIN A ; LOCHHEAD ROBERT Y ; SANTAGA MARCIA L ; SHAH KETAN N ; ZAINIEV GAFUR ; SCHWARTZ RUSSELL J ; YERRAMILLI KAMESHWER RAO ; SHIFFLER BENJAMIN N ; ROZEK THERESE A

Assignee(s): SCJOHNSON AND SON INC ; SUN CHEMICAL CORP ; SC JOHNSON AND SON INC ; S C JOHNSON AND SON INC ; IDEATION INT INC ; ROBERT LOCHHEAD CONSULTING LLC ; BULLIS DANIEL R ; DESIGN CONCEPTS INC ; IDEATION INT

Inventor(s):(std)**:** BAKKEN TODD J ; BULLIS DANIEL R JR ; BULLIS JR DANIEL R ; HINKFUSS CATHY A ; KIMBALL JAMES F ; MINOR ERIC J ; YERRAMILLI KAMESHWER RAO ; ZAINIEV GAFUR ; SHIFFLER BENJAMIN N ; SCHWARTZ RUSSELL J ; ROZEK THERESE A ; NAHM STEVEN H ; LOCHHEAD ROBERT Y ; FRAZEE GLENN R ; CLARK PAUL A ; CARLSON RUSSELL O ; CARLSEN RUSSELL O ; BASS BENJAMIN A ; RODENKIRCH DOUGLAS S ; SANTAGA MARCIA L ; SHAH KETAN N

Inventor(s): TODD J BAKKEN ; BAKKEN TODD ; SHAH KETAN ; SANTAGA MARCIA ; DANIEL R BULLIS JR ; RODENKIRCH DOUGLAS ; MARCIA L SANTAGA ; MINOR ERIC ; JAMES F KIMBALL ; KETAN N SHAH ; KIMBALL JAMES ; DANIEL R JR BULLIS ; DOUGLAS S RODENKIRCH ; ERIC J MINOR ; GAFUR ZAINIEV ; BULLIS DANIEL RJR ; BULLIS DANIEL ; BULLIS DANIEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01K1/015 A61L9/01 B05C1/00 B05C17/06 B05C17/08 B05D1/02 B05D1/32 B05D1/36 B05D3/00 B05D3/02 B05D3/06 B05D3/10 B05D3/12 B05D3/14 B05D5/00 B05D5/06 B05D7/00 B08B5/04 B08B7/00 B22F1/00 B29C65/00 B29C71/04 B31B1/60 B32B15/04 B32B3/10 B32B37/00 B32B37/02 B32B5/16 B32B7/12 B32B9/04 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M5/025 B41M5/03 B41M5/035 B41M5/04 B41M5/382 B41M7/00 B41N1/24 B44C1/00 B44C1/20 B44D5/00 B65D90/00 C08K13/00 C08K5/05 C08K5/06 C08L101/00 C08L21/00 C08L63/00 C09B67/00 C09B67/06 C09B67/20 C09B67/40 C09D101/00 C09D109/06 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/06 C09D125/08 C09D125/14 C09D133/00 C09D133/02 C09D133/04 C09D133/08 C09D163/00 C09D167/00 C09D167/06 C09D169/00 C09D175/04 C09D177/00 C09D179/08 C09D181/00 C09D181/06 C09D183/04 C09D191/00 C09D191/06 C09D201/00 C09D5/00 C09D5/02 C09D5/14 C09D7/00 C09D7/12 C09K3/30 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 C11D3/40 D06L3/00 D06M15/507 D06M15/643 D06M23/08 D06P1/44 D06P1/52 D06P1/54 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/08 D06P5/20 D06Q1/02 D06Q1/10 E04G23/00 (Advanced/Invention); B05C17/00 B05D1/02 B05D1/32 B05D3/00 B05D3/02 B05D3/10 B05D3/12 B05D5/00 B05D5/06 B08B5/00 B08B7/00 B29C71/00 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M7/00 B41N1/24 B44C1/00 B44D5/00 C08K5/00 C08L101/00 C09B67/00 C09D109/00 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/00 C09D133/04 C09D163/00 C09D167/00 C09D167/06 C09D175/04 C09D191/00 C09D201/00 C09D5/00 C09D7/12 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 D06L3/00 D06M23/08 D06P1/44 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/20 E04G23/00 (Core/Invention)

CPC: B05B15/0456 B44D2/002 C09D5/024 D06P1/5285 D06P5/138 D06P1/0004 D06P1/0008 D06P1/928 D06P5/13 D06P5/15 B41M5/025 B41M5/0256 B41M5/03 B41M5/04 B41M7/0081 C11D3/0031 C11D3/40 B41M7/0027 B44C1/105 B05C17/06 B41M7/0072 B41M7/009 B41N1/242 B41N1/248 B44C1/18 B44C1/20 B44C3/02 B44D2/007 B44D5/00 C09D11/0235 C11D3/37 C11D3/3715 C11D3/3726 C11D3/3749 C11D11/0058 C11D11/007 D06P1/0012 D06P1/0016 D06P1/44 D06P1/52 D06P1/5264 D06P1/5271 D06P1/54 D06P1/613 D06P5/001 D06Q1/00 D06Q1/06 D06M23/08 D06P1/525

D06P1/5257 D06P1/56 D06P5/02 B41M7/00 B41M7/0018 B41M7/0054 C09B67/0063 C09B67/0069 C09B67/0082 C09D5/008 C09D5/021 C09D7/001 D06P1/445 D06P5/002 D06P5/08 D06Q1/02 D06Q1/10 Y10T156/10 Y10T428/25 Y10T428/253 Y10T428/254 Y10T428/28 Y10T428/31504 Y10T428/24802 Y10T428/24851 Y10T428/24876 Y10T428/24893 Y10T428/2848 Y10T428/31551 Y10T428/31786 Y10T428/31931 Y10T428/31938 Y10T428/249921

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US class: 101/127 101/128.21 101/128.210 101/128.210P 101/128.210S 106/15.05 106/15.050S 106/162.1 106/162.100S 106/163.01 106/163.010S 106/18.29 106/18.290S 106/243 106/243S 106/270 106/270S 106/285 106/285S 106/287.26 106/287.260S 106/31.13 106/31.130S 106/31.4 106/31.6 106/31.65 118/200 118/200S 134/4 134/4P 134/4S 15/104.001 15/104.001S 156/305 156/306.3 156/60 156/60S 206/524.6 206/524.600S 252/8.61 252/8.610S 424/76.1 424/76.100P 427/210 427/258 427/258P 427/288 427/288S 427/292 427/299 427/299S 427/331 427/331S 427/337 427/337S 427/372.2 427/372.200S 427/386 427/386S 427/402 427/407.1 427/407.100P 427/458 427/458P 427/501 427/513 427/514 427/532 427/532S 427/547 427/547S 427/553 427/553S 427/8 427/8P 428/195.1 428/195.100S 428/201 428/204 428/206 428/206S 428/221 428/32.6 428/32.600S 428/32.69 428/32.690S 428/32.75 428/32.750S 428/32.86 428/32.860S 428/323 428/326 428/327 428/343 428/354 428/411.1 428/411.100S 428/423.1 428/480 428/521 428/523 510/240 510/242 510/278 510/356 510/356S 510/404 510/438 52/309.1 52/309.100S 52/311.1 52/311.100S 52/741.4 52/741.400P 521/117 521/117S 523/122 523/122S 523/221 523/348 523/400 523/400S 523/409 524/1 524/199 524/199S 524/35 524/35P 524/377 524/377S 524/386 524/386S 524/445 524/445S 524/543 524/543S 524/556 524/556S 524/577 524/577S 524/588 524/588S 524/589 524/589S 524/599 524/599S 524/606 524/606S 524/609 524/609S 524/612 524/612S 525/163 8/142 8/441 8/441P 8/550 8/550P 8/552 8/552P 8/552S 8/553 8/553P 8/558 8/561 8/561S 8/562 8/562P 8/611 8/611S

Classification Explorer

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0) US5851352A – SOFT MULTI–PLY TISSUE PAPER HAVING A SURFACE DE...

26) Family number: 11259820 (US5851352A) © PatBase

Title: Soft multi–ply tissue paper having a surface deposited strengthening agent

Priority: US19970854397 19970512 WO1998IB00701 19980511

Family:

Publication number	Publication date	Application number	Application date
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CA2288721 C	20060321	CA19982288721	19980511
CN1105213 C	20030409	CN19988006892	19980511
CN1261938 A	20000802	CN19988006892	19980511
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; DEASON HOWARD THOMAS ; FICKE JONATHAN ANDREW

Inventor(s):(std)**:** DEASON HOHARD T ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; FICKE JONATHAN A ; DEASON THOMAS ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS

Inventor(s): KENNETH D VINSON ; JONATHAN A FICKE ; HOHARD T DEASON ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JONATHAN ANDREW FICKE ; KENNETH DOUGLAS VINSON

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 B32B29/00 B32B29/06 D21H21/18 D21H27/32 (Advanced/Invention); A47K7/00 D21H21/18 D21H27/32 (Advanced/Non–invention); A47K7/00 B32B29/00 D21H21/14 D21H27/30 (Core/Invention); D21H21/14 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 B32B29/00 D21H21/18 D21H23/22 D21H27/32

CPC: B32B29/06 D21H21/18 D21H27/32

European class: B32B29/06 D21H27/32 N21H21/18

US class: 162/112 162/123 162/124 162/125 162/127 162/129 162/130

Classification Explorer

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0) US2010258240A – METHODS AND APPARATUS FOR APPLICATION OF NESTED...

27) Family number: 47067986 (US2010258240A) © PatBase

Title: METHODS AND APPARATUS FOR APPLICATION OF NESTED ZERO WASTE EAR TO TRAVELING WEB

Priority:

CA20112754472	20111007	CA20122781790	20120622	CA20122792824	20121015
US20060436274	20060518	EP20120173311	20120622	EP20100250726	20100406
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Family:

Publication number	Publication date	Application number	Application date
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US8172977 BB	20120508	US20100798520	20100405
US9433538 BB	20160906	US20120650625	20121012
US9622918 BB	20170418	US20100925033	20101012

Probable Assignee: JOA CURT G INC

Assignee(s):(std)**:** ANDREWS ROBERT E ; CURT G JOE INC ; JOA CURT G INC ; FRITZ JEFF W ; HORNECK NOEL ; FRITZ JEFF ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN

Assignee(s): PAGEL TYLER W ; JENQUIN PETER J ; HERBERG ROBERT ; JANKUSKI BRIAN ; CURT G. JOA, INC. ; CURT G JOA INC SHEBOYGAN FALLS

Inventor(s):(std)**:** FRITZ JEFF W ; HORNECK NOEL ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN ; JENQUIN PETER J ; JANKUSKI BRIAN ; PAGEL TYLER W ; HERBERG ROBERT ; FRITZ JEFFREY W ; FRITZ JEFF ; ANDREWS

ROBERT E

Inventor(s): ANDREWS ROBERT E SHEBOYGAN ; FRITZ JEFF W PLYMOUTH ; NELSON ANTHONY A NEW HOLSTEIN ; MCCABE JOHN A SHEBOYGAN FALLS ; HORNECK NOEL CHEROKEE VILLAGE ; VAN DYKE DANIEL SHEBOYGAN ; ROBERT E ANDREWS

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/56 A61F13/58 A61F13/62 B26D1/62 B29C65/00 B29C65/08 B29C65/78 B31D1/00 B31F5/00 B32B3/04 B32B3/06 B32B37/00 B32B37/02 B32B37/06 B32B37/16 B32B38/00 B32B38/04 B32B38/10 B65H35/00 D04H3/00 (Advanced/Invention); A61F13/513 A61F13/56 A61F13/58 A61F13/68 A61F13/72 (Advanced/Non–invention)

CPC: A61F13/15764 Y10T156/1049 Y10T156/1052 Y10T156/1056 Y10T156/1057 Y10T156/1062 Y10T156/1067 Y10T156/1074 Y10T156/1077 Y10T156/1075 A61F13/56 A61F13/5622 A61F13/565 A61F13/68 A61F13/72 A61F2013/51322 A61F2013/5677 A61F2013/5694 A61F2013/586 A61F2013/587 A61F2013/588 A61F13/15756 A61F13/15804 A61F13/15739 A61F13/58 A61F13/622 A61F13/15747 B29C65/08 B29C65/7847 B29C66/7294 A61F2013/15869 A61F2013/15926 A61F2013/15918 B29K2105/256 B29L2031/4878 A61F13/5638 A61F13/15723

European class: A61F13/15M10 A61F13/15M6B A61F13/15M7

US class: 1/1 156/226 156/250 156/252 156/253 156/256 156/259 156/263 156/264 156/265 156/73.1 28/100 28/100P 493/342 493/379

Classification Explorer

Cited documents: WO9965437 A1, WO9932385 A1, WO9913813 A1, WO9907319 A1, WO9855298, WO9821134 A1, WO9747810 A1, WO9747265 A1, WO9732552 A1, WO9725552, WO9723398, WO9403301 A2, WO9315248, WO11101773 A1, WO10028786 A1, WO08155618 A2, WO08123348, WO08037281, WO08036706 A1, WO08015594, WO08001209 A2, WO07126347 A1, WO07039800 A1, WO07029115 A1, WO06038946, WO05110314 A1, WO05075163 A1, WO04007329 A1, WO03031177, WO0172237 A2, WO0143682 A1, USRE35687 E, USD497991 S1, US92830507 P, US8293056, US8182624, US8176573, US8172977, US80689110, US8062459, US8016972 BB, US8011493 BB, US8007623 BB, US8007484 BB, US7987964 BB, US79852010, US7975584 BB, US7935296, US7922983, US7909956 BB, US7871400 BB, US7861756 BB, US7811403 BB, US7793772, US7780052 BB, US7771407, US7770712 BB, US7708849 BB, US7703599 BB, US7695464 BB, US7640962 BB, US7638014 BB, US7618513 BB, US7587966 BB, US7537215 BB, US7533709 BB, US7452436 BB, US7449084, US7398870 BB, US7380213 BB, US7374627, US7332459, US7326311, US7303708 BB, US7264686, US7252730, US7247219 BB, US7220335, US7214287 BB, US7214174 BB, US7201345 BB, US7195684 BB, US7175584, US7172666 BB, US7130710 BB, US7077393 BB, US7069970, US7066586 BB, US7047852, US7045031 BB, US7017820 BA, US7017321, US6978486 BB, US6976521 BB, US6936129 BB, US6918404 BB, US6913718 BB, US6893528 BB, US6884310, US6875202 BB, US6869494, US6852186 BA, US6840616 BB, US6837840 BB, US6820671 BB, US6814217 BB, US6811019, US6808582 BB, US6766817 BB, US6758109 BB, US6750466 BB, US6743324 BB, US6736923 BA, US6730189 BA, US6722494 BB, US6684925 BB, US6682626, US6675552 BB, US6659991 BB, US6659150 BA, US6656309 BA, US6649010 BB, US6648122 BA, US6637583 BA, US6605173 BB, US6605172 BA, US6596108 BB, US6596107 BB, US6589149 BA, US6585841 BA, US6581517 BA, US6572520 BB, US6569275 BA, US6554815 BA, US6551430 BA, US6551228 BA, US6547909, US6544375 BA, US6540857 BA, US6533879 BB, US6524423 BA, US6523595 BA, US6521320 BB, US6514233 BA, US6494244 BB, US6482278 BA, US6478786 BA, US6475325 BA, US6473669 BB, US6446795 BA, US6443389 BA, US6440246 BA, US643821 A, US6431038 BB, US6416697 BA, US6391013 BA, US6375769 BA, US6369291 BA, US6358350 BA, US6336923, US6336922, US6336921 BA, US6319347, US6315022 BA, US6314333 BA, US6312420 BA, US6309336 BA, US6306122 BA, US6287409 BA, US6287287 BA, US6284081 BA, US6276587 BA, US6276421 BA, US6264784 BA, US6264639, US6250048 BA, US6214147 BA, US6212859 BA, US6210386 BA, US6195850 BA, US6193702, US6193054, US6183576 BA, US6171432 BA, US6171432 B1, US6123792 A, US6098249 A, US6076442 A, US6074110 A, US6050517 A, US6043836 A, US6036805 A, US6022443 A, US5971134, US5964970 A, US5964390 A, US5938652, US5938193 A, US5932039 A, US5904675, US5902431 A, US5879500 A, US5876792 A, US5876027 A, US5868727 A, US5865393 A, US5858012 A, US5836931 A, US5829164 A, US5827259, US5817199 A, US5788797 A, US5779689, US5766389 A, US5759340, US5749989 A, US5746869 A, US5745922 A, US5743994 A, US5725714 A, US5725518 A, US5711832 A, US5707470 A, US5705013 A, US5699653 A, US5693165 A, US5685873, US5683531 A, US5683376 A, US5660665 A, US5660657 A, US5659229 A, US5645543 A,

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US2010193155 AA, US2010193138 AA, US2010193135, US2010078127 AA, US2010078120 AA, US2010078119 AA, US2009857 A, US2009312736 AA, US2009198205 AA, US2009126864, US2009020211 AA, US2008276439 AA, US2008223537 AA, US2008210067 AA, US200815166708, US2007142808 AA, US2007131817, US2007131343, US2007074953 AA, US2006265867 AA, US2006224137 AA, US2006201619, US2006137298 AA, US2006021300 AA, US2005275148 AA, US2005257881 AA, US2005234412 AA, US2005233881 AA, US2005230449 AA, US2005230056 AA, US2005196538 AA, US2005139713 AA, US2005077418 AA, US2005056678, US2005022476 AA, US2005000628 AA, US2004216830, US2004182497 AA, US2004182213, US2004167493, US2004164482 AA, US2004122413 AA, US2004112517 AA, US2004098791, US2004087425 AA, US2004082931 AA, US2004044325 AA, US2004030318 AA, US2004016500 AA, US2004007328 AA, US2003135189 AA, US2003121614 AA, US2003121244, US2003115660, US2003089447 AA, US2003084984 AA, US2003083638 AA, US2003066585 AA, US2003052148 AA, US2003051802 AA, US2003015209 AA, 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CA2699136 AA, CA2559517 AA, CA2541194 AA, CA2407867 AA, CA2404154 AA, CA2337700 AA, CA2330679, CA2023816 AA, CA1310342 A1, CA1308015 A1, CA1307244 A1, CA1292201 A1, CA1249102 A1, CA1236056 A1, CA1212132 A1, CA1210744 A1, CA1190078 A1, CA1153345 A1, CA1146129 A1, BE1007854 AD,

0) US6179961B – TISSUE PAPER HAVING A SUBSTANTIVE ANHYDROUS SOF...

28) Family number: 20686242 (US6179961B) © PatBase

Title: Tissue paper having a substantive anhydrous softening mixture deposited thereon

Priority: US19970947422 19971008 WO1998US21184 19981008

Family:

Publication number	Publication date	Application number	Application date
AT235604 E	20030415	AT19980950993T	19981008
AU199896896 A1	19990427	AU19980096896	19981008
AU752063 B2	20020905	AU19980096896	19981008
BRPI9813858 A	20000919	BR1998PI13858	19981008
CA2305546 AA	20000403	CA19982305546	19981008
CA2305546 C	20061003	CA19982305546	19981008
CN1281521 A	20010124	CN19988011963	19981008
DE69812672 D1	20030430	DE19986012672	19981008
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EP1023498 A1	20000802	EP19980950993	19981008
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TH34268 A	19990806	TH19981003848	19981002
TW396229 B	20000701	TW19980116345	19981001
US6179961 BA	20010130	US19970947422	19971008
WO9918289 A1	19990415	WO1998US21184	19981008
ZA9809019 A	19990408	ZA19980009019	19981002

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/10 D21H19/68 D21H21/22 (Advanced/Invention); A47K7/00 D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22 (Advanced/Non–invention); A47K7/00 D21H17/00 D21H19/00 D21H21/22 (Core/Invention); D21H17/00 D21H19/00 (Core/Non–invention)

International class (IPC 1–7): A47K A47K7/00 D21H D21H11/00 D21H17/07 D21H19/10 D21H19/68 D21H21/22

CPC: D21H17/07 D21H17/14 D21H17/20 D21H17/59 D21H19/68 D21H21/22

European class: D21H21/22 N21H17/07 N21H17/14 N21H17/20 N21H17/59 N21H19/68

US class: 162/109 162/112 162/113 162/127 162/134 162/135 162/158 162/164.4 162/179

Classification Explorer

Cited documents: WO9730217 A1, WO9624723 A1, WO9516824 A1, USH1672 H1, US5538595 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4351699 A, US4300981 A, US3305392 A,

0) US2002189773A – CREPING BLADE, CREPED PAPER, AND METHOD OF MANU...

29) Family number: 30131288 (US2002189773A) © PatBase

Title: Creping blade, creped paper, and method of manufacturing paper

Priority:

CA20012341990	20010326	US19940320711	19941011	US19970816363	19970313
US19970816606	19970313	US19940359318	19941216	US19950532120	19950922
US19970816607	19970313	US19970816710	19970313	US19970816919	19970313
US20020283251	20021030	US20020099998	20020319	US20000500523	20000209
US20000540267	20000331				

Family:

Publication number	Publication date	Application number	Application date
CA2341990 AA	20010930	CA20012341990	20010326
DE69527758 D1	20020919	DE19956027758	19951009
DE69527758 T2	20030515	DE19956027758T	19951009
EP0707945 A2	19960424	EP19950307132	19951009
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ES2177611 T3	20021216	ES19950307132T	19951009
FI103427 B	19990630	FI19950004824	19951010
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FI954824 A0	19951010	FI19950004824	19951010
TR9501238 A2	19960621	TR19950001238	19951011
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US5685954 A	19971111	US19940320711	19941011
US5690788 A	19971125	US19940359318	19941216
US5885415 A	19990323	US19970816363	19970313
US5885416 A	19990323	US19970816607	19970313
US5885417 A	19990323	US19970816710	19970313
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US6096168 A	20000801	US19970816606	19970313
US6425983 BA	20020730	US20000540267	20000331
US6451166 BA	20020917	US20000500523	20000209
US6540879 BB	20030401	US20020099998	20020319
US6709548 BB	20040323	US20020283251	20021030

Probable Assignee: FORT JAMES CORP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; JAMES RIVER CORP ; FORT JAMES CORP

Assignee(s): GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; AWOFESO ANTHONY O ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; JAMES RIVER OF VIRGINIA CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; JAMES RIVER CORP OF VIRGINIA ; GEORGIA PACIFIC CORP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; KERSHAW THOMAS N ; MARINACK ROBERT J ; HARPER FRANK D

Inventor(s):(std)**:** ANTHONY O AWOFESO ; AWOFESO ANTHONY O ; FRANK D HARPER ; HARPER FRANK D ; KERSHAW THOMAS N ; MARINACK ROBERT J ; ROBERT J MARINACK ; THOMAS N KERSHAW

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): B31F1/12 B31F1/14 D21F11/14 D21G3/00 D21G3/04 D21H25/00 D21H27/00 D21H27/40 (Advanced/Invention) ; B31F1/00 D21F11/00 D21G3/00 D21H25/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): B31F1/07 B31F1/12 B31F1/14 D21G3/00 D21G3/04 D21H1/14 D21H25/00 D21H25/10 D21H25/18 D21H27/00 D21H27/40 D21H3/04

CPC: D21F11/145 B31F1/126 B31F1/145 D21F11/14 D21G3/005 D21H25/005 D21H27/40 Y10T428/24455 Y10T428/24463

European class: B31F1/12F B31F1/14B D21F11/14 D21F11/14B D21G3/00B D21H25/00B D21H27/40

US class: 118/413 118/413S 15/256.51 15/256.510S 162/100 162/111 162/111S 162/112 162/113 162/113S 162/117 162/117S 162/123 162/123S 162/141 162/149 162/204 162/204S 162/280 162/280S 162/281 162/281S 162/282 162/4 162/4S 264/282 264/283 428/153 428/154

Classification Explorer

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0) US5328053A – PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PRO...

30) Family number: 12524387 (US5328053A)

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Title: PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PROVIDE FOR UNFOLDING OF THE TOWEL UPON REMOVAL FROM THE PACKAGE

Priority:

AU19940062452	19940223	AU19980063659	19980428	US19930035346	19930322
US19940215066	19940318	US19940210797	19940318	AU19980063660	19980428
WO1994US01800	19940223				

Family:

Publication number	Publication date	Application number	Application date
AT155103 E	19970715	AT19940909718T	19940223
AU199462452 A1	19941011	AU19940062452	19940223
AU199863659 A1	19980709	AU19980063659	19980428
AU199863660 A1	19980709	AU19980063660	19980428
AU692437 B2	19980611	AU19940062452	19940223
AU704113 B2	19990415	AU19980063659	19980428
AU704117 B2	19990415	AU19980063660	19980428
CA2157569 AA	19950905	CA19942157569	19940223
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CN1042516 C	19990317	CN19941091567	19940223
CN1085177 C	20020522	CN19981006145	19940223
CN1085177 C	20020522	CN19981006145	19980331
CN1085178 C	20020522	CN19981006147	19940223
CN1085178 C	20020522	CN19981006147	19980331
CN1088034 C	20020724	CN19981006242	19940223
CN1088034 C	20020724	CN19981006242	19980331
CN1119847 A	19960403	CN19941091567	19940223
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EP0689516 A1	19960103	EP19940909718	19940223
EP0689516 B1	19970709	EP19940909718	19940223
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GR3024077 T3	19971031	GR19970401443T	19970710
HK1001252 A1	19980605	HK19980100083	19980105
JP3556221 B2	20040818	JP19940521034T	19940223
JP8508224 T2	19960903	JP19940521034T	19940223
KR19967000944 A	19960224	KR19957004015	19940223
NO307747 B1	20000522	NO19950003769	19950922

NO953769 A	19950922	NO19950003769	19950922
NO953769 A0	19950922	NO19950003769	19950922
NZ262656 A	19970822	NZ19940262656	19940223
SG64327 A1	19990427	SG19960004178	19940223
US5328053 A	19940712	US19930035346	19930322
US5361936 A	19941108	US19940210797	19940318
US5363986 A	19941115	US19940215066	19940318
VN1193 A1	20000425	VN19950001369	19950909
WO9421531 A1	19940929	WO1994US01800	19940223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; PROCTOR AND GAMBLE CO ; BERG CHARLES JOHN JR ; COOK CHARLES DENVER

Inventor(s):(std)**:** JOHNBOGER JR CHLARS ; JOHNBOGER JR CHARLS ; JOHNBOGER CHARLS JR ; JOHN JR BERG CHARLES ; DENVER COOK CHARLES ; DANFEKUKE CHARLS ; COOK DENVER CHARLES ; COOK CHARLES DENVER ; COOK CHARLES D ; COOK CHARLES ; KUKE CHARLES DANVER ; BORGECHARLESJOHN KUKECHARLSDAN ; BORGE CHARLES JOHN ; BERG JR CHARLES JOHN ; BERG JOHN CHARLES ; BERG CHARLES JOHN JR ; BERG CHARLES JOHN ; BERG CHARLES J ; BERG CHARLES

Inventor(s): KUKECHARLSDANVER BORGECHARLESJOHN JR ; BERG CHARLES JOHN JR CINCINNATI OH 45231 US ; JR CHLARS JOHNBOGER ; JR CHARLS JOHNBOGER ; JR CHARLES JOHN BERG ; JR BERG CHARLES JOHN ; JR ; CHARLS JOHNBOGER JR ; CHARLS DANFEKUKE ; CHARLES JOHN BORGE ; CHARLES JOHN BERG JR ; CHARLES JOHN BERG ; CHARLES DENVER COOK ; CHARLES DANVER KUKE ; CHARLES COOK DENVER ; CHARLES BERG JOHN ; COOK CHARLES DENVER FAIRFIELD OH 45014 US

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN

International class (IPC 8–9): A45D37/00 B65D75/58 B65D83/08 (Advanced/Invention); B65D83/08 (Advanced/Non–invention); B65D75/52 B65D83/08 (Core/Invention)

International class (IPC 1–7): B65D75/28 B65D75/58 B65D75/62 B65D83/08 B65D85/16 B65H1/00 B66D76/68 B66D83/08

CPC: Y10S206/812 B65D75/58 A45D37/00 A45D2200/1027 A47K2010/428

European class: A45D37/00 B65D75/58 K45D200/10B4 K47K10/42F

US class: 206/484 206/494 206/812 221/63

Classification Explorer

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0) US2007199123A – BIB WITH ADHESIVE STRIP

31) Family number: 35851814 (US2007199123A) © PatBase

Title: BIB WITH ADHESIVE STRIP

Priority:

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US20060561965	20061121	US20070757625	20070604	EP20100002639	20071120
WO2007US62638	20070223	WO2007US85176	20071120		

Family:

Publication number	Publication date	Application number	Application date
AT542443 E	20120215	AT20070757373T	20070223
AT543398 E	20120215	AT20070002639T	20071120
AU2007220800 AA	20070907	AU20070220800	20070223
AU2007323678 AA	20080529	AU20070323678	20071120
CA2643432 AA	20080822	CA20072643432	20070223
CA2643432 C	20140923	CA20072643432	20070223
CA2670087 AA	20090520	CA20072670087	20071120
CA2670087 C	20160202	CA20072670087	20071120
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CN101641025 A	20100203	CN200780049829	20071120
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US2007199123 AA	20070830	US20060362321	20060224
US2007220651 AA	20070927	US20070757625	20070604
US2008115249 AA	20080522	US20060561965	20061121
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WO07101081 A2	20070907	WO2007US62638	20070223
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WO08064196 A3	20080828	WO2007US85176	20071120
WO08064196 C2	20081030	WO2007US85176	20071120
ZA200807186 A	20091125	ZA20080007186	20070223
ZA200904320 A	20100825	ZA20090004320	20071120

Probable Assignee: ECLIPSE HOME DECOR LLC

Assignee(s):(std)**:** CHASAN MICHAEL B ; FRIEDLAND FRANK ; NAPKLEEN EUROP LTD ; NAPKLEEN LLC ; NAPKLEEN LLC GB

Assignee(s):	NAPKLEEN LLC3151 CLINT MOORE ROAD#205BOCA RATONFL33496US ; NAPKLEEN EUROPE LTD ; NAPKLEEN EUROPE LIMITED ; ECLIPSE HOME DECOR LLC
Inventor(s):(std)	FRANK FRIEDLAND ; FRIEDLAND FRANK ; CHASAN MICHAEL B ; CHASAN MICHAEL
Inventor(s):	CHASAN MICHAEL B BOCA RATON ; CHASAN MICHAEL BUS ; FRIEDLAND FRANK BOCA RATON ; FRIEDLAND FRANKUS ; MICHAEL B CHASAN
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	A41B A41B13/00 A41B13/10 A41D13/04 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/04 C08J3/24 C08K5/14 C08K7/16 C08K7/28 C08L67/06 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Advanced/Invention); A41B13/10 A44B18/00 C12N1/15 C12N1/21 C12N5/10 (Advanced/Non–invention); A41B13/00 A44B18/00 B32B29/00 B32B37/00 B32B38/00 B32B38/06 C08F299/00 C08J3/24 C08K5/00 C08K7/00 C08L67/00 C12N15/53 C12N9/02 C12Q1/26 G01N33/573 (Core/Invention); C12N1/15 C12N1/21 C12N5/10 (Core/Non–invention); A41B (Subclass/Invention)
CPC:	A41B2400/34 Y10T156/1023 Y10T156/1084 B32B37/203 A41B13/103 A41B2400/52 A47G11/002 B32B37/1292 B32B38/0004 B32B2317/12 B32B2323/04 B32B2459/00
European class:	A41B13/10 A41B13/10B A47G11/00N2 B32B37/12D2 B32B37/20A K41B400/34 K41B400/52 L32B317/12 L32B323/04 L32B38/00A L32B459/00
US class:	156/209 156/269 2/49.1 2/49.2 2/49.4 2/491 2/494 2/52
Classification Explorer	
Cited documents:	WO8706105 A1, USD299282 S1, US6884494 BA, US6548135 BA, US6493879 BA, US6342297 BA, US6256788 BA, US6219846 BA, US6212683 BA, US6079048 A, US6021550 A, US6000056 A, US5875490 A, US5799336 A, US5672056 A, US5640716 A, US5552200 A, US5476697 A, US5033620 A, US5030491 A, US4995641 A, US4977626 A, US4779288 A, US4660226 A, US4601065 A, US4441212 A, US4423523 A, US4306316 A, US3793644 A, US3675274 A, US3619816 A, US3329969 A, US3221341 A, US3146465 A, US2803574 A, US2763867 A, US2424680 A, US2224746 A, US2007220651 AA, US2007199123 AA, US2007143904 AA, US2007061938 AA, US2007006357 AA, US2005269217 AA, US2005144693 AA, US2005014891 AA, US2004224116 AA, US2002029400 AA, JP2000045102 A2, GB993838 A, GB2232340 A1, GB1175457 A, GB1095397 A, DE9401656 U,

0) US5660350A – METHOD OF WINDING LOGS WITH DIFFERENT SHEET COU...

32) Family number: 12650729 (US5660350A) © PatBase

Title:	METHOD OF WINDING LOGS WITH DIFFERENT SHEET COUNTS
Priority:	CA19962177507 19960528 CA19962177507 19960528 US19950459010 19950602 US19950460435 19950602 US19950459212 19950602 CA19962177513 19960528 WO1996US07450 19960522 US19960728633 19961010 US19960728632 19961010 US19960728631 19961010 WO1996US07456 19960522

Family:

Publication number	Publication date	Application number	Application date
AR002167 A1	19980107	AR19960102826	19960531
AR005714 AA	19990714	AR1997P100454	19970205
AR005715 AA	19990714	AR1997P100455	19970205
AT195107 E	20000815	AT19960920391T	19960522
AT204827 E	20010915	AT19960920394T	19960522
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AU199658719 A1	19961218	AU19960058719	19960522
AU723541 B2	20000831	AU19960058717	19960522
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CN1190942 A	19980819	CN19961095488	19960522
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HU9901913 AC	20000928	HU19990001913	19960522
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WO9638365 A1	19961205	WO1996US07450	19960522
ZA9604514 A	19961209	ZA19960004514	19960531
ZA9604515 A	19961209	ZA19960004515	19960531

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CO THE ; MYNES ROBERT DANIEL ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; BUTSCH WILLIAM JOSEPH ; BYRNE THOMAS TIMOTHY ; JOHNSON JAMES ROBERT ; LOCKWOOD FREDRICK EDWARD ; MCNEIL KEVIN BENSON

Inventor(s):(std)**:** BUTSCH WILLIAM JOSEPH ; JOHNSON JAMES ROBERT ; MCNEIL KEVIN BENSON ; MYNES ROBERT DANIEL ; NCNEIL KEVIN BENSON ; NCNEIL BENSON ; MYNES ROBERT D ; MYNES DANIEL ROBERT ; MYNES DANIEL ; MCNEIL KEVIN B ; JOHNSON ROBERT ; JOHNSON JAMES R ; BUTSCH WILLIAM J ; BUTSCH JOSEPH WILLIAM ; BUTSCH JOSEPH ; BUTCH WILLIAM J ; THOMAS TIMOTHY BYRNE ; THOMAS T BYRNE ; LOCKWOOD FREDRICK EDWARD ; LOCKWOOD FREDRICK E ; LOCKWOOD FREDERICK EDWARD ; KEVIN BENSON MCNEIL ; KEVIN B MCNEIL ; FREDRICK EDWARD LOCKWOOD ; FREDRICK E LOCKWOOD ; FREDERICK EDWARD LOCKWOOD ; BYRNE THOMAS TIMOTHY ; BYRNE THOMAS T

Inventor(s): BYRNE TIMOTHY ; FREDRICK EDWAR LOCKWOOD ; JOSEPH WILLIAM BUTSCH ; LOCKWOOD EDWARD ; MCNEIL BENSON ; JAMES ROBERT JOHNSON ; JAMES R JOHNSON ; DANIEL ROBERT MYNES ; KEVIN BENSON NCNEIL ; WILLIAM JOSEPH BUTSCH ; WILLIAM J BUTSCH ; ROBERT DANIEL MYNES

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): B65H16/08 B65H16/10 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H75/02 (Advanced/Invention);
B65H18/00 B65H18/02 B65H18/10 B65H19/12 (Advanced/Non–invention);
B65H18/00 B65H18/10 B65H18/14 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/195 (Core/Invention);
B65H75/02 (Core/Non–invention)

International class (IPC 1–7): A61K31/395 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/00 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H43/00 B65H75/02 B65H75/24 B65H75/24

CPC: B65H2301/4148 B65H2408/2312 B65H18/021 B65H19/2223 B65H19/283 B65H19/30 B65H23/198 B65H2301/41356 B65H2301/41812 B65H2301/41814 B65H2301/541 B65H2511/11 B65H2511/212 B65H2511/30 B65H2513/108 B65H2513/11 B65H2551/15 B65H2551/20 B65H2553/00 B65H2555/24 B65H2557/20 B65H2557/23 B65H2301/41362 B65H2301/41745 B65H2301/41828 B65H18/00 B65H2511/414

European class: B65H18/00 B65H18/02B B65H19/22A4 B65H19/28A B65H19/30 B65H23/198 L65H301/41356 L65H301/41362 L65H301/41745 L65H301/41812 L65H301/41814 L65H301/41828 L65H301/541 L65H354/100 L65H408/2312 L65H511/110 L65H511/212 L65H511/300 L65H511/414 L65H513/108 L65H513/110 L65H551/150 L65H551/200 L65H553/00 L65H555/240 L65H557/200 L65H557/230

US class: 242/533.4 242/533.6

Classification Explorer

Cited documents: WO9514630 A1, WO9510472 A1, US5054708 A, US4687153 A, US4635871 A, US4516742 A, US4344584 A, US4327876 A, US4266735 A, US4265409 A, US4230286 A, US4208019 A, US4191341 A, US4174077 A, US4038127 A, US4033521 A, US3930620 A, US3885749 A, US3844501 A, US3791603 A, US3791602 A, US3734423 A, US3733035 A, US3697010 A, US3552670 A, US3547365 A, US3472462 A, US3459388 A, US3421709 A, US3179348 A, US3161363 A, US3148843 A, US3116890 A, US2769600 A, US2686015 A, US2385692 A, US2082031 A, US2029446 A, US1819406 A, LU67164 A, JPS61124478, JP61124478 A2, GB1324183 A, GB1071925 A, EP0145029 B1, EP0145029 A2, EP0135662 A2, DEB1474243, DEB1218597, DEA3041030, DE3041030 A1, DE2036991 A1, DE1803309 A1, DE1474243 B, DE1474243 A1, DE1271489 B, DE1218597 B,

0) US2010270412A – FOLDED PERFORATED WEB

33) Family number: 43427358 (US2010270412A) © PatBase

Title: FOLDED PERFORATED WEB

Priority: CO20100088022 20100719 RU20100129426 20071219 WO2007SE51037 20071219

Family:

Publication number	Publication date	Application number	Application date
AU2007362656 AA	20090625	AU20070362656	20071219
AU2007362656 BB	20140814	AU20070362656	20071219
BRPI0722301 A2	20140422	BR2007PI22301	20071219
CN101969827 A	20110209	CN200780102362	20071219
CO6280456 A2	20110520	CO20100088022	20100719
EP2244621 A2	20101103	EP20070861132	20071219
EP2244621 A4	20160323	EP20070861132	20071219
RU2010129426 A	20120127	RU20100129426	20071219
RU2462171 C2	20120927	RU20100129426	20071219
US2010270412 AA	20101028	US20070809638	20071219
US8668159 BB	20140311	US20070809638	20071219
WO09078774 A2	20090625	WO2007SE51037	20071219
WO09078774 A3	20101209	WO2007SE51037	20071219

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** FINGAL LARS ; GUNGNER SUSANNE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; TONDKAR KAVEH ; STRANDQVIST MIKAEL

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB

Inventor(s):(std)**:** FINGAL LARS ; GUNGNER SUSANNE ; STRANDQVIST MIKAEL ; TONDKAR KAVEH ; TONDKAR KAVEKH ; SUSANNE GUNGNER ; STRANDKVIST MIKAEHL ; MIKAEL STRANDQVIST ; LARS FINGAL ; KAVEH TONDKAR

Inventor(s): STRANDKVIST MIKAEHL'

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/22 A47K10/34 A47K10/38 B65H18/28 B65H35/04 B65H45/09 B65H45/22 (Advanced/Invention); A47K10/00 A47K10/24 (Core/Invention)

CPC: Y10T225/393 A47K10/16 A47K10/3818 B65H35/04 B65H45/09 B65H45/22 B65H2701/1924

European class: A47K10/16 A47K10/38B1 B65H35/04 B65H45/09 B65H45/22 L65H701/1924

US class: 206/409 225/106 242/160.1 242/160.100S 242/160.4 242/160.400P 242/526.1 242/526.100S 242/570 242/570S

Classification Explorer

Cited documents: WO9937747 A1, WO9837794 A1, WO06130057 A1, WO06080869 A1, WO03069038 A1, WO0113880 A1, US7354598 BB, US6286680 BA, US6168558 BA, US6168558 B1, US5350624 A, US5073235 A, US4597494 A, US4535912 A, US4529480 A, US4374888 A, US4340563 A, US3849241 A, US3826361 A, US3592161 A, US3301746 A, US2007262187 AA, US2006184148 AA, US2005186167 AA, US2004191300 AA, GB2400596 A1, GB2002327 A1, EP1667563 B1, EP1333868 B1, EP0953516 A1, EP0667612 A2, EP0258515 A1, DE2437108 A1, CN2508677 Y, BE877568 A, AU497647 B2, AU2876577,

0) US2013221150A – REWINDING MACHINE AND METHOD FOR THE PRODUCTION...

34) Family number: 50832860 (US2013221150A) © PatBase

Title: REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL

Priority:

EP20110767803	20110915	IT2010FI00205	20100928	WO2011IT00320	20110915
US20130261620	20130408	US20150947108	20151120	JP20130530860T	20110915

Family:

Publication number	Publication date	Application number	Application date
AU2011310449 AA	20120405	AU20110310449	20110915
AU2011310449 BB	20160505	AU20110310449	20110915
BR112013007155 A2	20160614	BR20131107155	20110915
CA2812695 AA	20130322	CA20112812695	20110915
CN103153829 A	20130612	CN201180047193	20110915
CN103153829 B	20160427	CN201180047193	20110915
EP2621844 A1	20130807	EP20110767803	20110915
EP3009382 A2	20160420	EP20150191734	20110915
EP3009382 A3	20160608	EP20150191734	20110915
IL225367 A0	20130627	IL20110225367	20110915
IN02276CN2013 A	20141010	IN2013CN02276	20130321
IT1401881 B1	20130828	IT2010FI00205	20100928
ITFI20100205 A1	20120329	IT2010FI00205	20100928
JP2013539739 T2	20131028	JP20130530860T	20110915
JP2016047772 A2	20160407	JP20150236769	20151203
JP5933564 B2	20160615	JP20130530860T	20110915
KR101760544 B1	20170721	KR20137007466	20110915
KR20140025297 A	20140304	KR20137007466	20110915
MX2013003550 A1	20130624	MX20130003550	20110915
MX339152 B	20160513	MX20130003550	20110915
RU2013119645 A	20141110	RU20130119645	20110915
RU2567202 C2	20151110	RU20130119645	20110915
US2013221150 AA	20130829	US20110261620	20110915
US2016075530 AA	20160317	US20150947108	20151120
US9352920 BB	20160531	US20110261620	20110915

US9701505 BB	20170711	US20150947108	20151120	
WO12042549 A1	20120405	WO2011IT00320	20110915	
ZA201301771 A	20150624	ZA20130001771	20130308	

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** FRANCO MONTAGNANI ; MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; ROBERTO MORELLI ; ROMANO MADDALENI ; MONTAN JANI FRANKO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 (Advanced/Invention); B65H (Subclass/Invention)

CPC: B65H19/2269 B65H19/283 B65H19/305 B65H2301/41812 B65H2301/41814 B65H2408/235 B65H2404/42 B65H2301/4143 B65H2301/41447 B65H2301/418 B65H19/267 B65H2301/41361 B65H2513/104 B65H19/26 B65H18/20

European class: B65H19/26C L65H408/236

US class: 1/1 242/521 242/522

Classification Explorer

Cited documents: US7775476 BB, US7494086 BB, US7318562 BB, US6948677 BB, US6648266 BA, US6098916 A, US5979818 A, US5964389 A, US5964389, US5810280 A, US5810280, US4783015 A, US2010043613 AA, US2009302146 AA, US2009302146, US2007176039 AA, US2002179768 AA, RU2169691, JP58216854 A2, JP58152750 A2, JP57077147 A2, JP5652345, JP56052345 A2, JP4317945 A2, JP2007290869 A2, JP2007290869, EP1982939 A1, EP1262434 A2, EP01982939, CN1867505 A,

0) US2009202774A – LAMINATED PAPER ARTICLE AND PAPER WEB

35) Family number: 37221978 (US2009202774A)

© PatBase

Title: LAMINATED PAPER ARTICLE AND PAPER WEB

Priority: EP20060717028 20060317 RU20080141164 20060317 WO2006SE00343 20060317

Family:

Publication number	Publication date	Application number	Application date	
AU2006340403 AA	20070927	AU20060340403	20060317	
AU2006340403 BB	20110721	AU20060340403	20060317	
BRPI0621417 A2	20111206	BR2006PI21417	20060317	
BRPI0621417 B1	20160119	BR2006PI21417	20060317	
BRPI0621417 B8	20160823	BR2006PI21417	20060317	
CN101400856 A	20090401	CN200680053894	20060317	
CN101400856 B	20110824	CN200680053894	20060317	
DE602006032241 D1	20121129	DE200660032241T	20060317	
EP2004909 A1	20081224	EP20060717028	20060317	
EP2004909 A4	20100623	EP20060717028	20060317	
EP2004909 B1	20121003	EP20060717028	20060317	

ES2392650 T3	20121212	ES20060717028T	20060317
MX2008010911 A1	20080903	MX20080010911	20060317
RU2008141164 A	20100427	RU20080141164	20060317
RU2407841 C2	20101227	RU20080141164	20060317
US2009202774 AA	20090813	US20060281815	20060317
US8318281 BB	20121127	US20060281815	20060317
WO07108725 A1	20070927	WO2006SE00343	20060317

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** ALBERTSSON SVERKER ; GUNGNER SUSANNE ; MAANSSON ANNA ; SAARVAELI EVA LI ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AG

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; MANSSON ANNA

Inventor(s):(std)**:** AL BERTSSON SVERKER ; ALBERTSSON S ; ALBERTSSON SVERKER ; ANNA MANSSON ; EVA LI SAARVAELI ; EVA LI SAARVALI ; GUNGNER S ; GUNGNER SUSANNE ; MAANSSON A ; MAANSSON ANNA ; MANSSON ANNA ; MONSSON ANNA ; SAARVAELI E L ; SAARVAELI EVA LI ; SAARVALI EVA LI ; SAARVELI EHVA LI ; SAARVOLI EVA LI ; SUSANNE GUNGNER ; SVERKER ALBERTSSON

Inventor(s): SALBERTSSON ; SGUNGNER ; SAARVELI EHVA–LI ; A MAANSSON ; S ALBERTSSON ; S GUNGNER ; EVA LI SAARVOLI ; E L SAARVAELI ; ELSAARVAELI ; AL'BERTSSON SVERKER ; ALBERTSSON SVERKER PIXBO ; AMAANSSON ; ANNA MAANSSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Advanced/Invention); A47K10/00 B32B3/24 B32B7/14 D21H27/02 D21H27/30 (Core/Invention)

CPC: B32B29/005 B32B2250/26 B32B2307/726 B32B2307/728 B32B2432/00 A47K10/16 B32B7/14 B32B29/00 Y10T428/15 Y10T428/24826 Y10T428/24851 Y10T428/24876 Y10T428/24934

European class: A47K10/16 B32B29/00 B32B7/14

US class: 428/198 428/201 428/201S 428/204 428/211.1 428/43 428/43P

Classification Explorer

Cited documents: WO9720107 A1, WO03072345 A1, US6361784 BA, US6136413 A, US6106928 A, US4978565 A, US4325768 A, US4325768 A, US3687754 A, US3672950 A, US2002013109 AA,

0) US5840403A – MULTI–ELEVATIONAL TISSUE PAPER CONTAINING SELEC...

36) Family number: 10953384 (US5840403A) © PatBase

Title: MULTI–ELEVATIONAL TISSUE PAPER CONTAINING SELECTIVELY DISPOSED CHEMICAL PAPERMAKING ADDITIVE

Priority:

US19960664468	19960614	US19960664468	19960617	US19990384910	19990827
US19980168227	19981008	US19980099885P	19980911	US19980099885P	19990911
WO1999US20760	19990909	WO1997US10480	19970617		

Family:

Publication number	Publication date	Application number	Application date
AR018207 AA	20011031	AR1999P104569	19990910
AT254214 E	20031115	AT19990946852T	19990909
AU199734908 A1	19980107	AU19970034908	19970617
AU199959170 A1	20000403	AU19990059170	19990909
AU199959170 A5	20000403	AU19990059170	19990909
AU780820 B2	20050421	AU19990059170	19990909
CL1999002066 A1	20000516	CL19990002066	19990910
DE69912819 D1	20031218	DE19996012819	19990909
DE69912819 T2	20040923	DE19996012819T	19990909
EP0991817 A1	20000412	EP19970931217	19970617
EP1112409 A1	20010704	EP19990946852	19990909
EP1112409 B1	20031112	EP19990946852	19990909
ES2209507 T3	20040616	ES19990946852T	19990909
IN01604DE1997 A	20160831	IN1997DE01604	19970616
JP2001508503 T2	20010626	JP19980503240T	19970617
JP2003535225 T2	20031125	JP20000570420T	19990909
PE11732000 A1	20001231	PE19990000920	19990910
TH36193 A	19991215	TH19971002346	19970616
TH42972 A	20010209	TH19991003324	19990906
US5840403 A	19981124	US19960664468	19960614
US6117525 A	20000912	US19980168227	19981008
US6420013 BA	20020716	US19990384910	19990827
WO0015907 A1	20000323	WO1999US20760	19990909
WO9748854 A1	19971224	WO1997US10480	19970617
ZA9705340 A	19980126	ZA19970005340	19970617

Probable Assignee: PROCTOR AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER GAMBLE CO ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI

Inventor(s):(std)**:** HO KLEINWACHTER MONICA ; HO KLEINWAECHTER MONICA ; HO MONICA ; MELVIN JOE BRIAN ; PHAN DEAN VAN ; TROKHAN DENNIS ; TROKHAN PAUL DENNIS ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON ; TROKHAN ; DEAN VAN PHAN ; HO ; MONICA ; MONICA HO ; NORTEAMERICANOS ; PAUL DENNIS ; PAUL DENNIS TROKHAN ; JOE BRIAN MELVIN ; KENNETH DOUGLAS ; KENNETH DOUGLAS VINSON

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): B32B29/06 C08K3/16 C08K5/17 C08L71/02 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/32 D21H19/74 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 D21H27/30 (Advanced/Invention);
D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 (Advanced/Non–invention);
C08K3/00 C08K5/00 C08L71/00 D21H19/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 (Core/Invention);
D21H17/00 D21H21/22 (Core/Non–invention)

International class (IPC 1–7): A61F A61L B32B3/00 B32B3/02 C08K3/16 C08K5/17 C08L71/02 D21H D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/37 D21H17/53 D21H17/55 D21H19/10 D21H19/74 D21H21/00 D21H21/14 D21H21/22 D21H27/02 D21H27/30 D21H5/24

CPC: Y10T428/24463 Y10T428/24479 Y10T428/24554 Y10T428/24612 Y10T428/24802 D21H19/74 D21H27/30 D21H21/14 D21H17/06 D21H17/07 D21H17/14 D21H17/28 D21H17/375 D21H17/53 D21H17/55 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H21/28 D21H27/02 Y10T442/2311 Y10T442/2352 Y10T442/2484 Y10T442/2492 Y10T442/2582 Y10T442/2762 Y10T442/695 Y10T442/696

European class: D21H19/74 D21H21/14 D21H27/02 D21H27/30 N21H17/06 N21H17/07 N21H17/14 N21H17/28 N21H17/37B N21H17/53 N21H17/55 N21H21/18 N21H21/20 N21H21/22 N21H21/24 N21H21/28

US class: 162/113 162/123 162/127 162/134 162/158 162/162 162/164.4 162/168.4 162/184 428/154 428/156 428/165 428/172 428/195 428/195.1 442/102 442/118 442/119 442/130 442/152 442/413 442/414 442/97

Classification Explorer

Cited documents: WO9829605 A1, WO9748854 A1, WO9747809 A1, WO9619616 A1, WO9535411 A1, USRE32649 E, USH1672 H1, US6117525 A, US5840403 A, US5624532 A, US5575891 A, US5573637 A, US5549928 A, US5547747 A, US5543067 A, US5538595 A, US5527428 A, US5525345 A, US5510000 A, US5494731 A, US5487813 A, US5487736 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5405499 A, US5397435 A, US5328759 A, US5312522 A, US5281207 A, US5279767 A, US5277761 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5242435 A, US5240562 A, US5228954 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5175046 A, US5171391 A, US5164046 A, US5156902 A, US5149335 A, US5118376 A, US5079034 A, US5071681 A, US5059282 A, US5013309 A, US4994053 A, US4959125 A, US4950545 A, US4940513 A, US4892754 A, US4888238 A, US4880419 A, US4874465 A, US4865886 A, US4842927 A, US4835020 A, US4820294 A, US4795530 A, US4761322 A, US4748076 A, US4735738 A, US4715918 A, US4699823 A, US4637859 A, US4613447 A, US4559050 A, US4529480 A, US4513051 A, US4481243 A, US4460642 A, US4447294 A, US4354487 A, US4310593 A, US4300981 A, US4293600 A, US4235237 A, US4191609 A, US4158594 A, US4145464 A, US4112167 A, US4082878 A, US4071650 A, US4061846 A, US4028172 A, US4008353 A, US3994771 A, US3993820 A, US3974025 A, US3967030 A, US3965904 A, US3881632 A, US3849173 A, US3818533 A, US3814096 A, US3755220 A, US3755071 A, US3721242 A, US3670731 A, US3554788 A, US3484275 A, US3438807 A, US3369700 A, US3301746 A, US32649 A, JP7189171 A2, JP63291908 A2, JP3180598 A2, JP2001518576 T2, JP2001507761 T2, GB1452325 A, EP0304952 A2, EP0293762 A2, EP0291316 A2, EP0290814 A2, EP0262405 A2, EP0257308 A2, EP0160572 A2, EP0144658, EP0040087 B1, EP0040087 A2, EP0033988 A2, DE2222780 A1,

0) US2013313279A – TISSUE PAPER SYSTEMS

37) Family number: 50950071 (US2013313279A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117026 20130510 WO2010EP65193 20101011 ZA20130002224 20130325

Family:

Publication number	Publication date	Application number	Application date
AU2010362447 AA	20120419	AU20100362447	20101011
CN103261050 A	20130821	CN201080070589	20101011
CO6731083 A2	20130815	CO20130117026	20130510
EP2627581 A1	20130821	EP20100770761	20101011
EP2627581 B1	20170920	EP20100770761	20101011
IN03030DN2013 A	20141114	IN2013DN03030	20130405
MX2013003995 A1	20130628	MX20130003995	20101011
RU2013120951 A	20141120	RU20130120951	20101011
TN2013000126 A1	20140625	TN20130000126	20130322
US2013313279 AA	20131128	US20100878784	20101011
WO12048724 A1	20120419	WO2010EP65193	20101011

ZA201302224 A	20140129	ZA20130002224	20130325

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; THOREN WENCKE AGNETA ; WONG ANDREW ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; KIM SINIZ ; SUDWORTH JAN CASPAR

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; SAARVALI EVA LI ; SAARVALI MONICA EVA LI ; KIM SINIZ ; SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; SUDWORTH JAN CASPER ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; THOREN WENCKE AGNETA ; WONG ANDREW

Inventor(s): WECKE AGNETA THOREN ; WENCKE AGNETA THOREN ; SINIZ KIM ; MARCEL SCHMIDT ; MONICA EVA LI SAARVAELI ; SAARVALI MONICA EVALI ; EVA LI SAARVALI ; JAS CASPAR SUDWORTH ; ELEANOR DAVIES ; BERTOLD ENGLER ; ALI BAGHERZADEH ; ANDREW WONG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/0876 A47K10/424 B65D75/585 B65D83/0847

European class: B65D75/58E2 B65D83/08D

US class: 206/233 221/45

Classification Explorer

Cited documents: US5054612 A, US3372837 A, US3272118 A, US3209941 A, US2160412 A, DE9303965 U, DE1781377 U, CA2457204 AA,

0) US2008038504A – APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABO...

38) Family number: 32662356 (US2008038504A)

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Title: APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABORBING MATERIAL AND ABSORBENT ARTICLE

Priority:

EP20050755712	20050628	EP20050755713	20050628	EP20050755714	20050628
JP20040190411	20040628	JP20040190410	20040628	JP20040194851	20040630
JP20040190409	20040628	EP20050765331	20050630	EP20050765330	20050630
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Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; DIAO PAPER CORP ; EBITSUKA KEISUKE ; MANABE SADANAO ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; MAEDA TOSHIKAZU ; YANO HIROYUKI ; KUBO TAIRA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU ; KAMOTO TOMOKA ; TAKEUCHI TOMONARI ; KONAWA SATOKO

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):(std)**:** EBIZUKA KEISUKE ; TAKEUCHI TORANARI ; TOMOKA KAMOTO ; TOMOTSUGU TAKEUCHI TOMONARI EL ; TOMOTSUGU TAKEUCHI TOMONARİ KO ; TAIR MANABE SADANAO HANAO HIRO ; KAO HIROYUKI ; KAMOTO TOMOTAKA ; HIROYUKI

KAMOTO TOMOKA KUBO TA ; HIROYUKI HANAO HIROYUKI KUBO T ; HANAO HIROYUKI KUBO TAIRA MIYA ; FUKAE KOUREI ; YOSHIHARU MIYASHITA ; TAKESHI FURUDOI ; SATOKO KONAWA ; SADANAO MANABE ; MIYASHITA Y ; TOMONARI TAKEUCHI ; TAKEUCHI TOMONARI ELLEAIR ; KONAWA SATOKO ELLEAIR ; KEISUKE EBITSUKA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU DAIO ; MATSUI TOMOTSUGU ; MANABE SADANAO ; MAEDA TOSHIKAZU ; KUBO TAIRA ; KAMOTO TOMOKA ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; TOSHIKAZU MAEDA ; TOMOTSUGU MATSUI ; ELLEAIR TAKEUCHI TOMONARI ; ELLEAIR KONAWA SATOKO ; YANO HIROYUKI ; KONAWA SATOKO ; JP FURUDOI TAKESHI ; HIROYUKI YANO ; HIROYUKI HANAO ; FURODOI TAKESHI ; EBITSUKA KEISUKE ; AKINORI FUKAE ; TAKEUCHI TOMONARI ; TAIRA KUBO

Inventor(s): MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI... ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD ; FURUDOI TAKESHI JP ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA... ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO... ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; TAKEUCHI TOMONARI D ; MATSUI TOMOTSUGU TD ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU MATS ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y MATSUI TOMOT ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO ELLEAIR MA ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA KEISUKE M ; YANO HIROYUKI DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI C O DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU MATSU ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI TOCHIGI ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD EHIME ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; KUBO TAIRAC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU C O DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZUC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI FUKA ; MANABE SADANAO C O DAIO PAPER CONVERTING CO LTD ; MANABE SADANAOC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU C O DAIO PAPER CONVERTING COLTD ; MATSUI TOMOTSUGUC O DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU C O DAIO PAPER CONVERTCOLTD ; MIYASHITA YOSHIHARUC O DAIO PAPER CONVERTCOLTD SHIKOKUCHUO SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/538 A61F13/539 A61F5/44 A61L15/60 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/24 B44C3/08 D04H1/54 D04H1/559 D04H1/70 D06C23/04 (Advanced/Invention);
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International class (IPC 1–7): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F13/539 A61F5/44 A61L15/60 B32B5/24 D04H1/54 D06C23/04

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0) US2010101185A – METHOD AND DEVICE FOR MANUFACTURING ROLLS OF WE...

39) Family number: 33602445 (US2010101185A)

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Title: METHOD AND DEVICE FOR MANUFACTURING ROLLS OF WEB MATERIAL WITH AN OUTER WRAPPING

Priority: EP20060745306 20060427 IT2005FI00087 20050502 WO2006IT00289 20060427

Family:

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Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA ; FRANCE TELECOM

Inventor(s):(std)**:** MAURO GELLI ; ROMANO MADDALENI ; MADDALENI ROMANO ; GELLI MAURO

Inventor(s): GELLI MAURO I 55066 CAPANNORI ; MADDALENI ROMANO I 56031 BIENTINA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65B63/04 B65D85/671 B65H18/20 B65H18/26 B65H19/22 B65H19/26 B65H19/29 H04B7/08 (Advanced/Invention);
B65H19/29 (Advanced/Non–invention);
B65B63/00 B65D85/67 B65H18/08 B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): B65H19/29

CPC: B65H2408/235 B65H19/29

European class: B65H19/29 L65H408/235

US class: 242/521 242/521S 242/542.1 242/542.2 53/116 53/118 53/118S 53/204 53/211 53/399 53/430 53/430P 53/435 53/435S 53/513 53/513S 53/520 53/520S

Classification Explorer

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0) US2002017310A – SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUB...

40) Family number: 30083018 (US2002017310A) © PatBase

Title: SEMI–ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBTANCE ONTO A TARGET SURFACE

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):[(std)]: FIELDS KEVIN JOE ; GRUENBACHER DANA PAUL ; MANSKE THOMAS JAMES JR ; JOSEPH GARY CURTIS ; JOSEPH CURTIS GARY ; KEVIN JOE FIELDS ; GARY CURTIS JOSEPH ; PROCTER AND GAMBLE ; ZAVERI PIYUSH NARENDRA ; ZAVERI PIYUSH NARENDA ; PIYUSH NARENDA ZAVERI ; SHERRY ALAN EDWARD ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; DAVIS JAMES HERBERT ; ZIMMERMAN DEAN ARTHUR ; ZIMMERMAN DEAN A

Assignee(s): DIRKSING WILLIAM PAUL ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; VERBIEST JAN H ; WONG ARTHUR ; CEDENO ALEJANDRO ; PROCTOR AND GAMBLE CO ; PROCTER AND ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO ; GAMBLE CO ; LAKE KIRK WALLACE

Inventor(s):[(std)]: DAVIS HERBERT ; FIELDS JOE ; GARY CURTIS JOSEPH ; GRUENBACHER PAUL ; JOSEPH CURTIS ; JOSEPH CURTIS GARY ; PAUL GRUENBACHER DANA ; PIYUSH NARENDA ZAVERI ; PIYUSH NARENDRA ZAVERI ; SHERRY ALAN EDWARD ; ZAVERI NARENDRA ; ZAVERI PIYUSH N ; ZAVERI PIYUSH NARENDA ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZIMMERMAN DEAN ARTHUR ; MANSKE THOMAS J ; JOSEPH GARY CURTIS ; JOSEPH GARY C ; GRUENBACHER DANA PAUL ; GRUENBACHER DANA P ; FIELDS KEVIN JOE ; FIELDS KEVIN J ; DAVIS JAMES HERBERT ; DAVIS JAMES H ; KEVIN JOE FIELDS ; MANSKE JAMES ; MANSKE JR THOMAS JAMES ; MANSKE THOMAS JAMES ; MANSKE THOMAS JAMES JR ; ZAVERI P N ; WONG ARTHUR ; VERBIEST JAN H ; SHERRY ALAN E ; PUNG DAVE J ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; MANSKE JR THOMAS J ; LAKE KIRK WALLACE ; LAKE KIRK W ; JOSEPH G C ; FIELDS K J ; DIRKSING WILLIAM PAUL ; DIRKSING WILLIAM P ; CEDENO ALEJANDRO ; ZAVERI NARENDA ; JOSEPH GARY ; VERBIEST JAN HENDRIK MARIA ; THOMAS JAMES MANSKE JR ; THOMAS JAMES MANSKE ; THOMAS JAMES JR MANSKE ; JAMES HERBERT DAVIS ; DEAN A ZIMMERMAN ; DANA PAUL GRUENBACHER ; ALAN EDWARD SHERRY ; JR THOMAS JAMES MANSKE ; MANSKE THOMAS J JR

Inventor(s): MANSKE THOMAS ; MANSKE ; JR THOMAS JAMES ; JR THOMAS J ; DEAN ARTHUR ZIMMERMAN ; DIRKSING WILLIAM ; DAVIS JAMES ; GRUENBACHER DANA ; GC JOSEPH ; G C JOSEPH ; FIELDS KEVIN ; LAKE KIRK ; KJ FIELDS ; K J FIELDS ; MANSKE THOMAS JJR ; PUNG DAVE JOHN ; PUNG DAVE ; PN ZAVERI ; P N ZAVERI ; SHERRY ALAN ; NARENDA ZAVERI PIYUSH ; ZIMMERMAN ; GUENBACHER DANA PAUL ; GRUENBACHER DANA PUAL ; FIELDS K J YMANSKE THOMAS JAMES ; DAVIS JAMES HERBET ; ZAVERI PIYUSH ; ZAVERI PIYUSH NARENDRA AND ; KEVIN J FIELDS ; CURTIS GARY JOSEPH ; CURTIS JOSEPH GARY ; DANA P GRUENBACHER ; JAMES H DAVIS ; JOE FIELDS KEVIN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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0) US2004099388A – STRUCTURAL PRINTING OF ABSORBENT WEBS

41) Family number: 30587735 (US2004099388A)

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Title: STRUCTURAL PRINTING OF ABSORBENT WEBS

Priority: US20020305791 20021127 WO2003US27316 20030829

Family:

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Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; LINDSAY JEFFREY D ; URLAUB JOHN J ; TIRIMACCO MAURIZIO ; CHEN FUNG JOU ; HUNT THOMAS F

Inventor(s):(std)**:** CHEN FUNG JOU ; FUNG JOU CHEN ; HUNT THOMAS F ; JEFFREY D LINDSAY ; JOHN J URLAUB ; LINDSAY JEFFREY D ; MAURIZIO TIRIMACCO ; THOMAS F HUNT ; TIRIMACCO MAURIZIO ; URLAUB JOHN J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05C1/16 B41M1/04 B41M1/24 B41M3/00 B41M3/18 D21H23/56 (Advanced/Invention); B05C1/08 B41M1/04 B41M1/24 B41M3/00 (Advanced/Non–invention); B05C1/04 B41M1/00 B41M3/00 D21H23/00 (Core/Invention); B05C1/08 (Core/Non–invention)

International class (IPC 1–7): B41M1/04 B41M1/24 B41M3/00 D21F11/00

CPC: Y10T428/24455 Y10T428/24479 B05C1/083 B05C1/0834 D21H23/56 B05C1/165 B41M1/24 B41M3/00

European class: B05C1/16A B41M1/24 L05C1/08P1 L05C1/08P2 L41M3/00

US class: 156/277 162/109 162/111 162/117 162/123 162/123S 162/125 162/134 162/135 162/135S 162/158 162/158S 162/204 264/121 428/153 428/156

Classification Explorer

Cited documents: WO9920822 A1, WO9718784 A1, WO9711226 A1, WO03057965 A1, WO02098999 A2, WO02098571 A2, WO02081819 A1, WO0147700 A1, WO0131123 A1, WO0126595 A1, WO0126592 A1, WO0120079 A1, WO0119306 A1, WO0071334 A1, WO0048544 A1, WO0030582 A1, WO0020682 A1, US6841590 BB, US6500289 BB, US6447643 BB, US6436234 BA, US6429261 BA, US6423180 BA, US6410097 BB, US6395957 BA, US6322665 BA, US6287581 BA, US6248212 BA, US6231719 BA, US6214274 BA, US6197479 BA, US6197459 BA, US6187137 BA, US6129815 A, US6126784 A, US6103062 A, US6103061 A, US6096412 A, US6043317 A, US6017417 A, US5990377 A, US5976763 A, US5916732 A, US5904811 A, US5885697 A, US5858554 A, US5798202 A, US5772845 A, US5743999 A, US5670110 A, US5656132 A, US5609587 A, US5607760 A, US5565255 A, US5562645 A, US5558020 A, US5462835 A, US5429686 A, US5399412 A, US5334289 A, US5322761 A, US5279697 A, US5215859 A, US5187044 A, US5175072 A, US5120360 A, US5098522 A, US5048589 A, US5019211 A, US5015556 A, US4921643 A, US4919877 A, US4786657 A, US4637859 A, US4578504 A, US4528239 A, US4517278 A, US4514345 A, US4451419 A, US4436687 A, US4377544 A, US4309179 A, US4264705 A, US4225384 A, US4205991 A, US4183889 A, US4181762 A, US4143890 A, US4076874 A, US3976820 A, US3953638 A, US3953638 A, US3948665 A, US3906128 A, US3879257 A, US3870778 A, US3853638 A, US3810280 A, US3708565 A, US3696183 A, US3260778 A, US2004099389 AA, US2004099388 AA, US2004020614 AA, US2003953638 AA, US2002180092 AA, KR20020047268 A, KR100266490 B1, KR100266490, GB1378638

A, EP1262531 A1, EP1262243 A1,

0) US2013071678A – TISSUE PRODUCT COMPRISING BAMBOO

42) Family number: 53273634 (US2013071678A) © PatBase

Title: TISSUE PRODUCT COMPRISING BAMBOO

Priority:

US20110212011	20110921	US20110238826	20110921	US20130874034	20130430
WO2012IB54042	20120808	US20140296929	20140605	US20150944987	20151118

Family:

Publication number	Publication date	Application number	Application date
AU2012311164 AA	20130328	AU20120311164	20120808
AU2012311164 BB	20150122	AU20120311164	20120808
BR112014005592 A2	20170321	BR20141105592	20120808
CA2847064 AA	20140226	CA20122847064	20120808
CA2847064 C	20160607	CA20122847064	20120808
CN103814173 A	20140521	CN201280045916	20120808
CN103814173 B	20160302	CN201280045916	20120808
CO6910179 A2	20140331	CO20140058633	20140319
EP2758593 A2	20140730	EP20120833637	20120808
EP2758593 A4	20150429	EP20120833637	20120808
KR101497884 B1	20150302	KR20147007126	20120808
KR20140068073 A	20140605	KR20147007126	20120808
MX2014002400 A1	20140605	MX20140002400	20120808
MX337233 B	20160218	MX20140002400	20120808
TW201319358 A	20130516	TW20120132938	20120910
TWI577855 B	20170411	TW20120132938	20120910
US2013071678 AA	20130321	US20110238826	20110921
US2013299107 AA	20131114	US20130874034	20130430
US2014284010 AA	20140925	US20140296929	20140605
US2016069029 AA	20160310	US20150944987	20151118
US8524374 BB	20130903	US20110238826	20110921
US8778505 BB	20140715	US20130874034	20130430
US9222224 BB	20151229	US20140296929	20140605
US9410291 BB	20160809	US20150944987	20151118
WO13041986 A2	20130328	WO2012IB54042	20120808
WO13041986 A3	20130523	WO2012IB54042	20120808

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; SHANNON THOMAS GERARD

Inventor(s):(std)**:** SHANNON THOMAS GERARD ; THOMAS GERARD SHANNON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9)**:** B32B21/06 B32B23/04 B32B29/02 B32B5/02 B32B5/26 D21H11/00 D21H11/04 D21H11/12 D21H17/02 D21H19/80 D21H21/18 D21H27/00 D21H27/30 D21H27/38

D21H27/42 (Advanced/Invention),
D21H25/04 (Advanced/Non-invention)

CPC: D21H27/38 D21H11/12 D21H27/002 B32B5/022 B32B5/26 B32B2262/065 B32B2262/067 B32B2555/00 B32B2555/02 D21H25/04 D21H27/30 Y10T428/31971 Y10T428/31975 Y10T428/31978 Y10T428/31982 Y10T428/31986 D21H11/04

US class: 1/1 162/100 162/123 162/129 162/141 162/148 428/532 428/533 428/534 428/535 428/536

Classification Explorer

Cited documents: WO08063014 A1, WO08044860 A1, WO08003343 A1, WO07112916 A1, WO07059789 A1, WO07004757 A1, WO0021918 A1, US9222224 BB, US8778505 BB, US8524374 BB, US7611607 BB, US6998024 BB, US6821387 BB, US6797114 BB, US6797114, US6796114 BB, US6211139 BA, US6017417 A, US5830321 A, US5730839 A, US5716498 A, US5656132 A, US5558873 A, US5543067 A, US5529665 A, US5494554 A, US5399412 A, US5129988 A, US5048589 A, US4919877 A, US4857145 A, US4849054 A, US4551199 A, US4440597 A, US2009266500 AA, US2003111197 AA, US2003111197, KR20110060510 A, KR20090036284 A, KR20090036284, KR100547492 B1, KR100547492, JP7197400 A2, JP5321190 A2, JP10102392 A2, EP2002058 A1, EP1319749 A1, DE9300201 U,

0) US2013292402A – TISSUE PAPER SYSTEMS

43) Family number: 50950077 (US2013292402A)

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Title: TISSUE PAPER SYSTEMS

Priority: CO20130117025 20130510 EP20100766028 20101011 WO2010EP65197 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362450 AA	20120419	AU20100362450	20101011
CN103249341 A	20130814	CN201080070536	20101011
CO6720971 A2	20130731	CO20130117025	20130510
DE602010029544 D1	20160128	DE201060029544T	20101011
EP2627230 A1	20130821	EP20100766028	20101011
EP2627230 B1	20151216	EP20100766028	20101011
IN02902DN2013 A	20141114	IN2013DN02902	20130402
MX2013003991 A1	20130628	MX20130003991	20101011
RU2013120941 A	20141120	RU20130120941	20101011
TN2013000123 A1	20140625	TN20130000123	20130322
US2013292402 AA	20131107	US20100878803	20101011
WO12048727 A1	20120419	WO2010EP65197	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): BAGHERZADEH ALI ; BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; LARSSON BJOERN ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; WONG ANDREW ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; LARSSON BJOERN ; SAARVALI MONICA EVA LI ; LARSSON BJORN ; BAGHERZADEH ALI ; SAARVALI EVA LI ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; A WENG ; WONG ANDREW

Inventor(s): ALI BAGHERZADEH ; WECKE AGNETA THOREN ; BJOERN LARSSON ; ANDREW WONG ; BJORN LARSSON ; MONICA EVA LI SAARVAELI ; RALPH BREMENKAMP ; MARCEL SCHMIDT ; WENCKE AGNETA THOREN ; ELEANOR DAVIES ; JULIA POLINNA ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH ; EVA LI

SAARVALI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D83/0805 B65D83/0894

European class: A47K10/42C B65D83/08B B65D83/08H

US class: 221/35

Classification Explorer

Cited documents: WO10126859 A1, WO0164525 A2, US2160412 A, US2009250486 AA, US2004124203 AA, US2004124202 AA, US2004099679 AA, GB2357494 A1,

0) US2013270290A – TISSUE PAPER SYSTEMS

44) Family number: 50950074 (US2013270290A)

© PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65194 20101011 ZA20130002090 20130320

Family:

Publication number	Publication date	Application number	Application date
AU2010362448 AA	20120419	AU20100362448	20101011
CN103249654 A	20130814	CN201080070537	20101011
EP2627586 A1	20130821	EP20100766027	20101011
EP2627586 B1	20170920	EP20100766027	20101011
IN02901DN2013 A	20141114	IN2013DN02901	20130402
MX2013003948 A1	20130605	MX20130003948	20101011
RU2013121579 A	20141120	RU20130121579	20101011
TN2013000127 A1	20140625	TN20130000127	20130322
US2013270290 AA	20131017	US20100878800	20101011
WO12048725 A1	20120419	WO2010EP65194	20101011
ZA201302090 A	20140226	ZA20130002090	20130320
ZA201302090 A	20140129	ZA20130002090	20130320

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): A WENG ; ENGLER BERTOLD ; KRIEKEN BRAM VAN ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW

Inventor(s): MARCEL SCHMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9):	A47K A47K10/42 B23B3/26 B23B3/28 B32B3/02 B32B3/26 B32B3/28 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)
CPC:	B65D83/08 A47K10/42 B32B3/02 B32B3/266 B32B3/28 A47K10/424 B65D75/585 B65D83/0894 Y10T428/15 Y10T428/24628
European class:	A47K10/42C B65D75/58E2 B65D83/08H
US class:	221/48 428/174 428/43
Classification Explorer	
Cited documents:	US7211311 BB, US6817484 BB, US6644501 BB, US3499575 A, US3456844 A, US3265241 A, US3209941 A, US2323395 A, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1213230 A1, EP1201564 A1, EP1195333 A1, EP0983740 A2, DE102007035501 A1 CN1365939 A, CN1349918 A, CN1250639 A,

0) US2001027592A – CASKET LID AND METHOD OF MAKING SAME

45) Family number: 28100369 (US2001027592A) © PatBase

Title: CASKET LID AND METHOD OF MAKING SAME

Priority:

AU19990058147	19990908	AU20040200835	20040302	AU20060235827	20061102
AU20040200835	20040302	AU20060235827	20061102	CA20032421016	20030306
US20070697891	20070409	US20040827227	20040419	US20020261406	20021001
US20020093288	20020307	US20010878743	20010611	US20030337104	20030106
US19990457163	19991208	US19980153626	19980915	WO1999US20532	19990908

Family:

Publication number	Publication date	Application number	Application date
AT264092 E	20040415	AT19990945571T	19990908
AU199958147 A1	20000403	AU19990058147	19990908
AU199958147 A5	20000403	AU19990058147	19990908
AU2004200835 AA	20040325	AU20040200835	20040302
AU2006235827 AA	20061123	AU20060235827	20061102
AU2006235827 BB	20080410	AU20060235827	20061102
AU768070 B2	20031204	AU19990058147	19990908
CA2341389 AA	20010221	CA19992341389	19990908
CA2341389 C	20080429	CA19992341389	19990908
CA2421016 AA	20030907	CA20032421016	20030306
CA2421016 C	20101102	CA20032421016	20030306
DE69916470 D1	20040519	DE19996016470	19990908
DE69916470 T2	20050519	DE19996016470T	19990908
EP1113775 A1	20010711	EP19990945571	19990908
EP1113775 B1	20040414	EP19990945571	19990908
MXPA01002691 A1	20020408	MX2001PA02691	19990908
US2001027592 AA	20011011	US20010878743	20010611
US2003097739 AA	20030529	US20030337104	20030106
US2003122280 AA	20030703	US20020261406	20021001
US2004244163 AA	20041209	US20040827227	20040419
US2007220720 AA	20070927	US20070697891	20070409
US6243931 BA	20010612	US19980153626	19980915

US6503429 BA	20030107	US19990457163	19991208
US6849141 BB	20050201	US20020261406	20021001
US6922877 BB	20050802	US20010878743	20010611
US7147811 BB	20061212	US20030337104	20030106
US7247264 BB	20070724	US20040827227	20040419
WO0015171 A1	20000323	WO1999US20532	19990908

Probable Assignee: BATESVILLE SERV INC

Assignee(s):(std)**:** BATESVILLE SERV INC ; BATESVILLE SERVICES INC

Assignee(s): BUCHLER KEVIN R ; HANKEL BRYAN M ; DENNIS TODD K ; CUNNINGHAM GARY R ; LINVILLE JOHN E ; REUSS ROGER L ; SAAF PATRICK M ; MAIER DONALD R ; MOSTER VINCENT MARK ; MAUCH STEPHANIE E ; BATESVILLE CASKET CO INC

Inventor(s):(std)**:** BUCHLER KEVIN R ; CUNNINGHAM GARY R ; HANKEL BRYAN M ; JOHN E LINVILLE ; LINVILLE E ; DENNIS TODD K ; DONALD R MAIER ; LINVILLE JOHN E ; MAIER DONALD R ; MAIER R ; MAUCH STEPHANIE E ; MOSTER VINCENT M ; MOSTER VINCENT MARK ; PATRICK M SAAF ; R USS ROGER L ; REUSS ROGER L ; SAAF M ; SAAF PATRICK M

Inventor(s): BUCHLER KEVIN ; SAAF PATRICK ; REUSS ROGER ; MOSTER VINCENT ; MAUCH STEPHANIE ; MAIER DONALD ; HANKEL BRYAN ; LINVILLE JOHN ; DENNIS TODD ; CUNNINGHAM GARY

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61G17/00 A61G17/007 A61G17/02 B27M3/34 B27N5/00 B29C43/18 B44F9/02 (Advanced/Invention); A61G17/007 A61G17/02 (Advanced/Non–invention); A61G17/00 B27M3/34 (Core/Invention)

International class (IPC 1–7): A61G17/00 A61G17/02 B27M3/34 B27N5/00 B29C43/02 B29C43/18

CPC: Y10T156/10 A61G17/02 A61G17/007 A61G17/0073 B27N5/00 A61G17/00

European class: A61G17/00 B27N5/00 K61G17/007C K61G17/02

US class: 156/6 156/60 156/60S 156/62.2 264/109 264/109S 264/112 264/112S 264/119 264/119S 264/319 264/319P 27/14 27/14P 27/16

Classification Explorer

Cited documents: US925929 A, US925929, US7247264 BB, US7147811 BB, US6849141 BB, US6849141 BA, US6503429 BA, US6243931 BA, US5974670 A, US5974640 A, US5485661 A, US5284546 A, US5213821 A, US5155147 A, US5078938 A, US5045262 A, US5016416 A, US5001068 A, US4990040 A, US4977930 A, US4967455 A, US4867670 A, US4775312 A, US4773134 A, US4730370 A, US4629594 A, US4622190 A, US4610900 A, US4552797 A, US4550847 A, US4550832 A, US4544344 A, US4544342 A, US4504347 A, US4497662 A, US4399596 A, US4318351 A, US4225545 A, US4214861 A, US4209880 A, US4176431 A, US4167232 A, US4156956 A, US4153490 A, US4151630 A, US4123831 A, US4115490 A, US4104348 A, US4065898 A, US4041582 A, US4034447 A, US4029023 A, US3997643 A, US3975127 A, US3969798 A, US3954376 A, US3809736 A, US3781948 A, US3764645 A, US3762974 A, US3729786 A, US3729785 A, US3726954 A, US3720738 A, US3697208 A, US3663137 A, US3590428 A, US3574906 A, US3490114 A, US3423267 A, US3406229 A, US3354248 A, US3283052 A, US3261897 A, US3261697 A, US3220080 A, US3166617 A, US3164880 A, US3164860 A, US3146285 A, US2664615 A, US2664515 A, US2494473 A, US2338035 A, US1903197 A, US1730666 A, US1578652 A, US1507957 A, US1234180 A, US1234180, NL6516139 A, GB2114498 A1, EP0466653 A1,

0) US6664439B – ABSORBENT ARTICLES WITH DISTRIBUTION MATERIALS ...

46) Family number: 31410206 (US6664439B)

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Title: Absorbent articles with distribution materials positioned underneath storage material

Priority:

US20000674053 20001025 US20000674057 20001025 US20000674225 20001027
WO1999IB00751 19990423 WO1999IB00741 19990423 WO1999IB00739 19990423
WO1998US08515 19980428

Family:

Publication number	Publication date	Application number	Application date
AR015029 AA	20010411	AR1999P101953	19990427
AR019840 AA	20020320	AR1999P101952	19990427
AR029297 AA	20030625	AR1999P101951	19990427
AT234059 E	20030315	AT19990913543T	19990423
AU199872616 A1	19991116	AU19980072616	19980428
AU199931639 A1	19991116	AU19990031639	19990423
AU199931641 A1	19991116	AU19990031641	19990423
AU199931646 A1	19991116	AU19990031646	19990423
BRPI9909990 A	20001226	BR1999PI09990	19990423
BRPI9910051 A	20001226	BR1999PI10051	19990423
BRPI9910052 A	20001226	BR1999PI10052	19990423
CA2329787 AA	20001024	CA19992329787	19990423
CA2329793 AA	20001024	CA19992329793	19990423
CA2329807 AA	20001025	CA19992329807	19990423
CA2329807 C	20060801	CA19992329807	19990423
CN100408009 C	20080806	CN200410092322	19990423
CN1303256 A	20010711	CN19998006742	19990423
CN1305361 A	20010725	CN19998007341	19990423
CN1307461 A	20010808	CN19998007950	19990423
CN1631347 A	20050629	CN200410092322	19990423
CO5090869 A1	20011030	CO19990025580	19990428
CO5090873 A1	20011030	CO19990025578	19990428
CO5090880 A1	20011030	CO19990025583	19990428
CZ20003916 A3	20010912	CZ20000003916	19990423
CZ296724 B6	20060517	CZ20000003916	19990423
DE69905870 D1	20030417	DE19996005870	19990423
DE69905870 T2	20031120	DE19996005870T	19990423
DE69908580 D1	20030710	DE19996008580	19990423
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EG22124 A	20020830	EG19990000477	19990428
EG22665 A	20030630	EG19990000478	19990428
EP1075239 A1	20010214	EP19990913533	19990423
EP1075239 B1	20030604	EP19990913533	19990423
EP1075240 A1	20010214	EP19990913535	19990423
EP1075241 A1	20010214	EP19990913543	19990423
EP1075241 B1	20030312	EP19990913543	19990423
ES2194451 T3	20031116	ES19990913543T	19990423
HU0102691 AB	20011128	HU20010002691	19990423
HU0102691 AC	20011228	HU20010002691	19990423
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ID28522 A	20010531	ID20000002202	19990423
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JP2002512846 T2	20020508	JP20000545471T	19990423
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KR20010043051 A	20010525	KR20007011920	19990423
KR20010043100 A	20010525	KR20007011985	19990423
KR20010043108 A	20010525	KR20007011994	19990423
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MX241213 B	20061018	MX2000PA10679	19980428
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MXPA00010679 A1	20010501	MX2000PA10679	19980428
MXPA00010680 A1	20010531	MX2000PA10680	19980428
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SA783 B1	20060513	SA19990200667	19991012
TH39611 A	20000731	TH19991001421	19990427
TH39612 A	20000731	TH19991001422	19990427
TH39613 A	20000731	TH19991001423	19990427
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TW421589 B	20010211	TW19990115568	19990909
TW569768 Y	20040101	TW20030203683U	19990909
US6664439 BA	20031216	US20000674225	20001027
US6713661 BA	20040330	US20000674057	20001025
US6720471 BA	20040413	US20000674053	20001025
WO9955263 A1	19991104	WO1999IB00739	19990423
WO9955264 A1	19991104	WO1999IB00741	19990423
WO9955265 A1	19991104	WO1999IB00751	19990423
WO9955267 A1	19991104	WO1998US08515	19980428
ZA200005709 A	20020116	ZA20000005709	20001016
ZA200105559 A	20020220	ZA20010005559	20001010

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):[(std)]**:** ARNDT SILKE ; EHRNSPERGER BRUNO JOHANNES ; KREUZER CARSTEN HEINRICH ; LAVON GARY DEAN ; LINK ANDREA LIESELOTTE ; PROCTER AND GAMBLE ; SCHMIDT MATTIAS ; NEUMANN FRANK ; STOELZEL CLAUS PETER ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s):

PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI OHIO ; THE PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** STOELZEL PETER CLAUS ; TOELZEL CLAUS PETER ; NEUMANN FRANK AND ; MATTIAS SCHMIDI ; KREUZER CARSTEN HEINRICH AND ; JEAN VIAUD ; ISHAI DORON ; HENRY DENNIS ANSTEY ; GARY DEAN LAVON ; GARY DEA LAVON ; GARRY DEAN LAVON ; FRANK NEUMANN ; CLAUS PETER STOELZEL ; CLAUS P STOELZEL ; CARSTEN H KREUZER ; BURNO JOHANNES EHRNSPERGER ; BRUNO JOHANNES EHRNSPERGER ; BRUNO J EHRNSPERGER ; BRUNO H EHRNSPERGER ; ANDREA LIESETOTTE LINK ; ANDREA LIESELOTTE LINK ; STOELZEL CLAUS PETER ; STOELZEL CLAUS P ; SHCMIDT MATTIAS ; SCHMIDT MATTIAS ; NEUMANN FRANK ; LINK LIESELOTTE ; LINK ANDREA LIESELOTTE ; LIESELOTTE LINK ANDREA ; LAVON GARY DEAN ; LAVON GARY DEA ; KRUEZER CARSTEN HEINRICH ; KREUZER CARSTEN H ; EHRNSPERGER BRUNO JOHANNES ; EHRNSPERGER BRUNO H ; DEAN LAVON GARY ; CARSTEN HEINRICH KREUZER ; ARNDT SILKE ; EHRNSPERGER BRUNO J ; EHRNSPERGER BURNO JOHANNES ; LAVON GARRY DEAN ; LINK ANDREA LIESETOTTE ; SCHMIDI MATTIAS ; LAVON DEAN ; EHRNSPERGER JOHANNES ; SILKE ARNDT ; MATTIAS SCHMIDT ; JOHANNES EHRNSPERGER BRUNO ; KREUZER CARSTEN HEINRICH

Inventor(s): STOEIZEL CLAUS PETER ; SLIKE ARNDT ; ARDT SILKE

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

International class (IPC 8–9)**:** A61F13/15 A61F13/49 A61F13/53 A61F13/534 A61F5/44 A61L15/60 B32B5/00 (Advanced/Invention);
A61F13/15 A61F5/44 A61L15/00 B32B5/00 (Advanced/Non–invention);
A61F13/15 A61F5/44 A61L15/16 B32B5/00 (Core/Invention)

International class (IPC 1–7)**:** A61F A61F13/15 A61F13/49 A61F13/53 A61F13/534 A61F13/539 A61F5/44 A61L15/60 B32B5/00

CPC: A61F13/537 A61F2013/53765 A61F13/53747 A61F13/53717 A61F13/15203 A61F13/53756 A61F13/5376 A61F2013/15463 A61F2013/15487 A61F2013/1552 A61F2013/15544 A61F2013/15552 A61F2013/53081 A61F2013/530854

European class: A61F13/15J A61F13/537B4 A61F13/537C2 A61F13/537C8 A61F13/537D K61F13/15J8M K61F13/15J8P K61F13/15J8P5 K61F13/15J8T K61F13/15J8T1 K61F13/537 K61F13/537E K61F13/53R1 K61F13/53R4

US class: 604/366 604/367 604/368 604/369 604/374 604/375 604/378 604/385.101

Classification Explorer

Cited documents: WO9962446 A1, WO9925293 A1, WO9925288 A1, WO9843580 A1, WO9843578 A1, WO9843571 A1, WO9843570 A1, WO9822067 A1, WO9819861 A2, WO9803138 A1, WO9734559 A1, WO9734558 A1, WO9723184 A1, WO9720842 A1, WO9720701 A1, WO9712575 A1, WO9705046 A1, WO9639031 A1, WO9526209 A1, WO9516746 A1, WO9516562 A1, WO9414395 A1, WO9325172 A1, WO9316669 A1, WO9305080 A1, WO9216565 A1, WO9008789 A1, WO0006073 A1, USRE32649 E, USRE26152 E, US6551295 BA, US6426445 BA, US6372953 BA, US6168584 BA, US6159591 A, US6149940 A, US6121509 A, US6107538 A, US6107356 A, US6083211 A, US6024209 A, US6013589 A, US6010490 A, US5968025 A, US5895379 A, US5851648 A, US5827909 A, US5786395 A, US5744506 A, US5741581 A, US5653922 A, US5653703 A, US5650222 A, US5643588 A, US5599335 A, US5583162 A, US5563703 A, US5563179 A, US5562646 A, US5560878 A, US5560222 A, US5558655 A, US5554142 A, US5540671 A, US5531728 A, US5514121 A, US5486410 A, US5468536 A, US5454800 A, US5445874 A, US5439458 A, US5429629 A, US5409771 A, US5397318 A, US5387207 A, US5364382 A, US5360420 A, US5352711 A, US5306266 A, US5304614 A, US5290820 A, US5269755 A, US5260345 A, US5244541 A, US5217445 A, US5190563 A, US5180622 A, US5171236 A, US5167897 A, US5164459 A, US5102597 A, US5098423 A, US5061259 A, US4994037 A, US4990147 A, US4988345 A, US4976819 A, US4968312 A, US4935022 A, US4909803 A, US4898642 A, US4888231 A, US4888093 A, US4824901 A, US4822453 A, US4798603 A, US4789861 A, US4773903 A, US4737582 A, US4735987 A, US4734478 A, US4725481 A, US4695278 A, US4673402 A, US4666983 A, US4625001 A, US4610678 A, US4590114 A, US4587308 A, US4541871 A, US4515595 A, US4506052 A, US4493870 A, US4483743 A, US4340706 A, US4193776 A, US4076663 A, US4062817 A, US4041951 A, US4035147 A, US3989867 A, US3932309 A, US3932209 A, US3881489 A, US3860003 A, US3770731 A, US3699103 A, US3661875 A, US3556932 A, US3440135

A, US3301746 A, US3224926 A, US3156242 A, GB2296511 A1, GB2024100 A1, EP0976373 A1, EP0963747 A1, EP0887059 A1, EP0820746 A1, EP0810078 A1, EP0809991 A1, EP0799966 A2, EP0797968 A1, EP0797966 A1, EP0774242 B1, EP0710471 A1, EP0640330 B1, EP0565606 A1, EP0512010 A1, EP0509708 B1, EP0455607 A1, EP0397110 A2, EP0343940 A2, EP0312118 A2, AU199728385, AU19972838,

0) US2004112783A – SANITARY THIN PAPER AND METHOD OF MANUFACTURING...

47) Family number: 23898497 (US2004112783A) © PatBase

Title: SANITARY THIN PAPER AND METHOD OF MANUFACTURING THE THIN PAPER, STORAGE BOX FOR SANITARY THIN PAPER, STORAGE BODY FOR SANITARY THIN PAPER, INTER FOLDER, AND DEVICE AND METHOD FOR TRANSFER OF STORAGE BODY FOR SANITARY THIN PAPER

Priority:

JP20010044279	20010220	JP20010044280	20010220	JP20010159090	20010528
WO2002JP01408	20020219	US20040468629	20040205	US20060601989	20061120
US20020468629	20020219	JP20010213838	20010713	JP20010159091	20010528
WO2002JP01408	20080321				

Family:

Publication number	Publication date	Application number	Application date
JP2002249183 A2	20020903	JP20010044279	20010220
JP2002249994 A2	20020906	JP20010044280	20010220
JP2002347146 A2	20021204	JP20010159091	20010528
JP2002348035 A2	20021204	JP20010159090	20010528
JP2003026261 A2	20030129	JP20010213838	20010713
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JP4533562 B2	20100901	JP20010213838	20010713
JP4791640 B2	20111012	JP20010044280	20010220
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KR20080032654 A	20080415	KR20087006876	20020219
TH53314 A	20020926	TH20021000527	20020218
TW553821 B	20030921	TW20020102656	20020218
US2004112783 AA	20040617	US20040468629	20040205
US2007199670 AA	20070830	US20060601989	20061120
US7775958 BB	20100817	US20060601989	20061120
WO02065885 A1	20020829	WO2002JP01408	20020219

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** INABA NAOMI ; MUKAI TAKEHARU ; SANO SHINYA ; SHIMIZU YOSHINORI

Inventor(s): MUKAI TAKENARU

Designated states: AT BE CA CH CN CY DE DK ES FI FR GB GR IE IT KR LI LU MC MX NL PT SE SG TR US

International class (IPC 8–9): A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F1/12 B31F5/02 B31F7/00 B65B25/14 B65B61/28 B65D25/52 B65D5/63 B65D83/08 B65G47/22 B65G47/252 B65H19/12 B65H39/16 B65H45/08 B65H45/24 D21C11/06 D21H11/00 D21H21/18 D21H27/00 D21H27/30 (Advanced/Invention);

	A47K10/16 B65H19/12 (Advanced/Non−invention); A47K10/00 A47K7/00 B31D1/00 B31F1/00 B31F5/00 B65B25/14 B65B61/00 B65D25/38 B65D5/42 B65D83/08 B65G47/22 B65G47/24 B65H19/12 B65H39/00 B65H45/00 B65H45/12 D21C11/00 D21H11/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention)
International class (IPC 1−7):	A47K10/16 A47K7/00 B31D1/00 B31D1/04 B31F1/07 B31F5/02 B65D25/52 B65D5/63 B65D5/72 B65D73/00 B65D83/08 B65G15/14 B65G21/20 B65G47/22 B65H45/08 B65H45/24 D21H11/00 D21H27/00 D21H27/30
CPC:	B65H39/16 B65B25/145 B65B61/28 B65D83/0805 B65D83/0894 B65G47/252 B65G2201/025 B65H45/24 B65H2301/5126 D21C11/063 D21H21/18 A47K10/16
European class:	A47K10/16 B65B25/14C B65B61/28 B65D83/08B B65D83/08H B65G47/252 B65H39/16 B65H45/24 D21C11/06B D21H21/18 L65G201/02F8 L65H301/5126
US class:	162/111 206/494 270/40 493/356 493/405
Classification Explorer	
Cited documents:	WO9945204 A1, WO9915204 A1, WO0031341 A1, US6565500 BA, US6514382 BA, US6187141 BA, US6136413 A, US6123557 A, US6045002 A, US5954625 A, US5840404 A, US5779860 A, US5382464 A, US5281306 A, US5227023 A, US5185523 A, US5178729 A, US5093068 A, US4052048 A, US3867872 A, US3679095 A, US3472504 A, US3323983 A, US2004234805 AA, US2004112783 AA, US2003097102 AA, KR830002731 B1, JP8003890 A2, JP7197400 A2, JP7145588 A2, JP6072883 U1, JP6072883 A2, JP58171304 A2, JP57078930 U1, JP57078930 U, JP48025361 u1, JP48025361 U, JP4146300 A2, JP3262193 A2, JP3106714 A2, JP3060187 A2, JP2075515 A2, JP2001029261 A2, JP2000256989 A2, JP2000080599 A2, JP2000007198 A2, JP1237750 A2, JP11334773 A2, JP11323787 A2, JP11208606 A2, JP11130167 A2, JP11093055 A2, JP10501753 T2, JP10338211 A2, JP10237750 A2, JP10179441 A2, JP10077595 A2,

0) US5846380A – CREPED TISSUE PAPER EXHIBITING UNIQUE COMBINATI...

48) Family number: 20401067 (US5846380A) © PatBase

Title:	Creped tissue paper exhibiting unique combination of physical attributes
Priority:	US19950495912 19950628 US19970847552 19970423 WO1996US10197 19960603

Family:

Publication number	Publication date	Application number	Application date
AT223536 E	20020915	AT19960921574T	19960603
AU199662771 A1	19970130	AU19960062771	19960603
AU711442 B2	19991014	AU19960062771	19960603
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CA2225176 C	20040817	CA19962225176	19960603
DE69623477 D1	20021010	DE19966023477	19960603
DE69623477 T2	20030605	DE19966023477T	19960603
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ES2181896 T3	20030301	ES19960921574T	19960603
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MX9800110 A1	19981130	MX19980000110	19980107
US5846380 A	19981208	US19970847552	19970423
WO9701671 A1	19970116	WO1996US10197	19960603

Probable Assignee:	PROCTER AND GAMBLE
Assignee(s):(std):	PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; TROKHAN PAUL DENNIS ; PHAN DEAN VAN

Inventor(s):(std)**:** DEAN VAN PHAN ; PAUL DENNIS TROKHAN ; PHAN DEAN VAN ; TROKHAN PAUL DENNIS ; VAN PHAN DEAN ; TROKHAN DENNIS ; PHAN VAN

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): A47K7/00 D21F11/00 D21F11/14 D21H17/06 D21H17/07 D21H17/59 D21H25/00 D21H27/00 D21H27/40 D21H27/42 (Advanced/Invention); A47K7/00 D21H17/06 D21H17/07 D21H17/59 D21H27/00 (Advanced/Non–invention); A47K7/00 D21F11/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); D21H17/00 (Core/Non–invention)

International class (IPC 1–7): A47K7/00 D21H17/06 D21H17/07 D21H17/13 D21H27/00 D21H27/38 D21H27/40 D21H27/42

CPC: D21F11/006 D21F11/14 D21F11/145 D21H17/06 D21H17/07 D21H17/59 D21H25/005 D21H27/40

European class: D21F11/00E D21F11/14 D21F11/14B D21H25/00B D21H27/40 N21H17/06 N21H17/07 N21H17/59

US class: 162/111 162/112 162/113 162/125 162/127 162/129 162/130 162/158 162/164.1 162/164.3 162/168.1 162/168.2 162/175

Classification Explorer

Cited documents: WO9619616 A1, WO9321382 A1, US5487813 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4529480 A, US4447294 A, US4441962 A, US4377543 A, US4351699 A, US4300981 A, US4191609 A, US4144122 A, US3994771 A, US3974025 A, US3844880 A, US3755220 A, US3554863 A, US3301746 A, US2683088 A, US2683087 A, JP61308312 A2, JP4100995 A2,

0) US2005230069A – METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TI...

49) Family number: 23529653 (US2005230069A)

© PatBase

Title: METHOD OF MAKING A THICK AND SMOOTH EMBOSSED TISSUE

Priority: EP20010103798 20010216 US20030619736 20030715 WO2002US04615 20020215

Family:

Publication number	Publication date	Application number	Application date
AT294061 E	20050515	AT20010103798T	20010216
AU2002247150 AA	20020904	AU20020247150	20020215
BRPI0207364 A	20040225	BR2002PI07364	20020215
CA2436514 AA	20030728	CA20022436514	20020215
CA2436514 C	20081118	CA20022436514	20020215
CN1491159 A	20040421	CN20028004617	20020215
DE60110362 D1	20050602	DE20016010362	20010216
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DE60110362 T3	20090115	DE20016010362T	20010216
EP1232854 A1	20020821	EP20010103798	20010216
EP1232854 B1	20050427	EP20010103798	20010216
EP1232854 B2	20080709	EP20010103798	20010216

HK1064995 A3	20050208	HK20040107973	20041014
JP2004518562 T2	20040624	JP20020565780T	20020215
KR20030087626 A	20031114	KR20037009635	20020215
MXPA03007329 A1	20031204	MX2003PA07329	20020215
US2005230069 AA	20051020	US20030619736	20030715
WO02066240 A1	20020829	WO2002US04615	20020215
WO02066240 C1	20031106	WO2002US04615	20020215

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** HILBIG KLAUS ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER HORST A ; PROCTER AND GAMBLE ; REINHEIMER HORST ALFRED

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBEL CO

Inventor(s):(std)**:** HILBIG K ; HILBIG KLAUS ; LIPLIJN M K N ; LIPLIJN MARCEL KAREL N ; LIPLIJN MARCEL KAREL NELIS ; REINHEIMER H A ; REINHEIMER HORST A ; REINHEIMER HORST ALFRED ; ZINT SCHUESSLER BIRGIT

Inventor(s): REINHEIMER HORST ; LIPLIJN MARCEL KAREL ; H A REINHEIMER ; HA REINHEIMER ; M K N LIPLIJN ; MARCEL KAREL NELIS LIPLIJN ; MKN LIPLIJN ; HORST ALFRED REINHEIMER ; K HILBIG ; KLAUS HILBIG

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A47K7/00 B31F1/07 D21F11/14 D21G1/00 D21G9/00 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention);
B31F1/07 (Advanced/Non–invention);
A47K7/00 B31F1/00 D21F11/00 D21G1/00 D21G9/00 D21H27/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): A47K7/00 B31F1/07 D21G1/00 D21H27/00 D21H27/30 D21H27/40

CPC: B31F2201/0733 B31F2201/0758 D21H27/005 D21H27/30 D21H27/40 B31F1/07

European class: B31F1/07 B31F1/07C2 D21H27/00D2B D21H27/30 D21H27/40 L31F201/07C2D3G L31F201/07G

US class: 162/117 162/123 162/132 162/158 162/194 162/205 424/402

Classification Explorer

Cited documents: WO9858124, WO9527429, WO9511343, US7056572 BA, US6916403 BB, US6887349 BB, US6863107 BB, US6805766 BA, US6802937 BB, US6733626 BB, US6656569 BA, US6610173 BA, US6602577 BA, US6602387 BA, US6599614 BA, US6455129 BA, US6440268 BA, US6423397 BA, US6355139 BA, US6348131 BA, US6287676 BA, US6277467 BA, US6187137 BA, US6086715 A, US6030690 A, US5980691, US5904812 A, US5900114 A, US5855738, US5802974, US5702571 A, US5693403 A, US5409572 A, US5255603, US5213037, US5059282, US4959125, US4222921, US4147586, US4129528, US3899388, US3855158, US3844880, US3821068, US3772076, US3700623, US3556933, US3556932, US3554862, US3414459 A, US3285800 A, US3077390 A, US2007075178 AA, US2006081347 AA, US2006008621 AA, US2005274470 AA, US2005241786 AA, US2004238135 AA, US2004055694 AA, US2003228444 AA, US2001042606 AA, US2001008179 AA, EP0806520 A1, EP0696334, EP0668152, EP0498623 A2, EP0408248 A2, DE4414238 A1, DE19860687 A1, DE19824825 A1, DE1804418 A1,

0) US2013270289A – TISSUE PAPER SYSTEMS

50) Family number: 50950085 (US2013270289A)

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Title: TISSUE PAPER SYSTEMS

Priority: CO20130117011 20130510 EP20100768003 20101011 WO2010EP65219 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362454 AA	20120419	AU20100362454	20101011
CN103249655 A	20130814	CN201080070542	20101011
CO6720969 A2	20130731	CO20130117011	20130510
DE602010038647 D1	20170119	DE201060038647T	20101011
EP2627587 A1	20130821	EP20100768003	20101011
EP2627587 B1	20161207	EP20100768003	20101011
IN02960DN2013 A	20141114	IN2013DN02960	20130404
MX2013003990 A1	20130628	MX20130003990	20101011
RU2013121581 A	20141120	RU20130121581	20101011
TN2013000125 A1	20140625	TN20130000125	20130322
US2013270289 AA	20131017	US20100878795	20101011
WO12048731 A1	20120419	WO2010EP65219	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; VAN KRIEKEN BRAM ; WONG ANDREW ; ENGLER BERTOLD ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SHCMIDT MARCEL ; SUDWORTH JAS CASPAR ; VAN KRIEKER BRAM ; WONG ANDREW ; VAN KRIEKEN BRAM ; SUDWORTH JAN CASPAR ; SCHMIDT MARCEL ; ENGLER BERTOLD ; A WENG ; KRIEKEN BRAM VAN

Inventor(s): MARCEL SCHMIDT ; MARCEL SHCMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN ; BRAM VAN KRIEKER ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/32 A47K10/42 B65D83/08 (Advanced/Invention)

CPC: B65D83/08 A47K10/421 A47K10/424 A47K2010/3266 B65D83/0805 B65D83/0894

European class: A47K10/42B A47K10/42C B65D83/08B B65D83/08H K47K10/32W

US class: 221/48

Classification Explorer

Cited documents: US7134572 BB, US6905025 BB, US6817484 BB, US6758369 BB, US5390820 A, US4586630 A, US3209941 A, US2323395 A, US2160412 A, US2005279757 AA, US2004256404 AA, US2002190074 AA, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1201564 A1,

DE102007035501 A1

CN1349918 A,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

51) Family number: 43384452 (US2009155512A)

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Title: ROLLS OF MATERIAL PROVIDING ONE−HANDED DISPENSING OF SHEETS OF PRE−DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non−invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) US2006011767A – REWINDING MACHINE FOR PRODUCING LOGS OF WOUND W...

52) Family number: 30260623 (US2006011767A) © PatBase

Title: REWINDING MACHINE FOR PRODUCING LOGS OF WOUND WEB MATERIAL AND RELATIVE METHOD

Priority:

EP20030741090	20030702	EP20060019223	20030702	US20060641655	20061220
US20050520813	20050201	WO2003IT00416	20030702	IT2002FI00122	20020709

Family:

Publication number	Publication date	Application number	Application date
AT350322 E	20070115	AT20030741090T	20030702
AT525321 E	20111015	AT20030019223T	20030702
AU2003281224 AA	20040123	AU20030281224	20030702
BRPI0312553 A	20050426	BR2003PI12553	20030702
BRPI0312553 B1	20121016	BR2003PI12553	20030702
CA2492055 AA	20050107	CA20032492055	20030702
CA2492055 C	20110208	CA20032492055	20030702
CN1665734 A	20050907	CN20038016104	20030702
DE60310943 D1	20070215	DE20036010943	20030702
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EP1525148 B1	20070103	EP20030741090	20030702
EP1731459 A1	20061213	EP20060019223	20030702
EP1731459 B1	20110921	EP20060019223	20030702
ES2279131 T3	20070816	ES20030741090T	20030702
ES2369277 T3	20111129	ES20060019223T	20030702
HK1080820 A3	20060504	HK20060100558	20060113
IL166092 A0	20060115	IL20050166092	20050102
IL166092 A1	20100415	IL20030166092	20030702
ITFI20020122 A1	20040109	IT2002FI00122	20020709
JP2006504596 T2	20060209	JP20040519169T	20030702
JP4452614 B2	20100421	JP20040519169T	20030702
KR101025052 B1	20110325	KR20057000231	20030702
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PL211955 B1	20120731	PL20030374430	20030702
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RU2005103230 A	20050827	RU20050103230	20030702
RU2315705 C2	20080127	RU20050103230	20030702
US2006011767 AA	20060119	US20030520813	20030702
US2007095967 AA	20070503	US20060641655	20061220
US7172151 BB	20070206	US20030520813	20030702

US7404529 BB	20080729	US20060641655	20061220
WO04005172 A1	20040115	WO2003IT00416	20030702

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** BIAGIOTTI GUGLIELMO ; GELLI MAURO ; PERINI FABIO SPA

Assignee(s): PERINI FABRIO ; FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** BIAGIOTTI GUGLIELMO ; GELLI MAURO ; GUGLIELMO BIAGIOTTI ; MAURO GELLI

Inventor(s): B'JADZHOTTI GUL'EL'MO ; DZHELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65H16/10 B65H18/16 B65H18/20 B65H19/12 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H35/10 (Advanced/Invention) ; B65H19/26 B65H19/28 (Advanced/Non–invention)

International class (IPC 1–7): B65H19/26 B65H19/28

CPC: B65H19/267 B65H19/2269 B65H2301/41426 B65H2301/4143 B65H2301/41812 B65H2301/41894 B65H2405/422 B65H2407/10 B65H2408/235 B65H2511/12 B65H19/26 B65H19/28

European class: B65H19/22B6 B65H19/26 B65H19/28 L65H301/41426 L65H301/4143 L65H301/41812 L65H301/41894 L65H405/422 L65H407/10 L65H408/235 L65H511/120

US class: 242/521 242/526 242/526P 242/532.2 242/532.200S 242/533 242/533S

Classification Explorer

Cited documents: WO9421545 A1, WO0242187 A2, WO0172620 A1, WO0068129 A1, US7172151 BB, US6945491 BB, US6595458 BA, US6497383 BA, US6494398 BA, US6308909 BA, US6056229 A, US5979818 A, US5853140 A, US5690296 A, US5653401 A, US5542622 A, US5335869 A, US4909452 A, US4611638 A, US4487377 A, US2006076450 AA, JP8507997, JP7117903, JP6000608 B2, JP5178508, JP5170362, JP2001247237 A2, JP2001247237, JP11503397, JP0600608 B2, ITMI951174 A1, IT951174, EP1016608 B1, EP1016608 A1, EP1006066 A2, EP0395593 A2,

0) US5405342A – DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INS...

53) Family number: 17915629 (US5405342A)

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Title: DISPOSABLE ABSORBENT ARTICLE WITH FLUSHABLE INSERT

Priority:

CA19922072689	19920629	EP19920121680	19921221	US19910116822	19910903
US19940188626	19940127	US19930116822	19930903	US19910816457	19911231
US19950388084	19950214	US19950388085	19950214	US19940268862	19940629
US19950388083	19950214				

Family:

Publication number	Publication date	Application number	Application date
AU199230461 A1	19930708	AU19920030461	19921230
AU661078 B2	19950713	AU19920030461	19921230
CA2072689 AA	19930701	CA19922072689	19920629
DE69225786 D1	19980709	DE19926025786	19921221
DE69225786 T2	19981210	DE19926025786T	19921221
DE9219166 U1	19981112	DE19920019166U	19921221
EP0549988 A1	19930707	EP19920121680	19921221
EP0549988 B1	19980603	EP19920121680	19921221

ES2116307 T3	19980716	ES19920121680T	19921221
JP6178795 A2	19940628	JP19930000058	19930104
KR100240041 B1	20000115	KR19920026436	19921230
KR19930011975 A	19930720	KR19920026436	19921230
MX9207125 A1	19930601	MX19920007125	19921209
TH16979 A	19951129	TH19921001668	19921118
US5405342 A	19950411	US19940268862	19940629
US5458591 A	19951017	US19950388085	19950214
US5476457 A	19951219	US19950388083	19950214
US5613959 A	19970325	US19950388084	19950214
ZA9209045 A	19930519	ZA19920009045	19921123

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS US ; KIMBERLY CLARK WORLDWIDE INC NEENAH WIS 54957 0349 US ; WERNER EDWARD ERICH ; CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD

Inventor(s):(std)**:** CESCO CANCIAN ANNAMARIA ; ENDRES DAN DAROLD ; HANSON PAULA MARY ; LEICK KENNETH ALOIS ; MARIAN KIIBUIRU RAITSUKU ; MARIANNE KEEVILL LEICK ; PAULA MARY HANSON ; POORA MARII HANSON ; ROESSLER THOMAS H ; ROESSLER THOMAS HAROLD ; THOMAS HAROLD ROESSLER ; TOOMASU HARORUDO RAASURAA ; WERNER EDWARD E ; WERNER EDWARD ERICH ; LEICK MARIANNE K ; LEICK KENNETH A ; KENNETH ALOIS LEICK ; KENISU AROISU RAITSUKU ; HANSON PAULA M ; ENDRES DAN D ; EDWARD ERICH WERNER ; EDOWAADO ERITSUKU WAANAA ; DAN DARORUDO ENDORESU ; DAN DAROLD ENDRES ; ANNAMARIA CHIESUKO KIYANSHIAN ; ANNAMARIA CESCO CANCLAN ; ANNAMARIA CESCO CANCIAN ; CESCO CANCLAN ANNAMARIA ; LEICK MARIANNE KEEVILL

Inventor(s): LEICK MARIANNE KEEVILL APPLETON WISCONSIN 54911 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 US ; WERNER EDWARD ERICH OSHKOSH WISCONSIN 54901 US ; ROESSLER THOMAS HAROLD MENASHA WISCONSIN 54952 US ; LEICK KENNETH ALOIS APPLETON WISCONSIN 54911 US ; HANSON PAULA MARY APPLETON WISCONSIN 54911 US ; ENDRES DAN DAROLD APPLETON WISCONSIN 54915 US ; CESCO CANCIAN ANNAMARIA APPLETON WISCONSIN 54915 U

Designated states: BE DE ES FR GB IT NL SE

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/53 A61F13/539 A61F13/56 A61F5/44 (Advanced/Invention); A61F13/56 A61F5/44 (Advanced/Non–invention); A61F13/15 (Core/Invention); A61F13/56 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/46 A61F5/44 A61L15/16

CPC: A61F13/511 A61F13/15211 A61F13/505 A61F13/5116 A61F13/512 A61F13/49009 A61F13/49017 A61F13/491 A61F13/49413 A61F13/533 A61F13/58 A61F2013/15219 A61F2013/15235 A61F2013/15365 A61F2013/15406 A61F2013/15422 A61F2013/15869 A61F2013/1591 A61F2013/4581 A61F2013/49025 A61F2013/49031 A61F2013/49038 A61F2013/4944 A61F2013/4948 A61F2013/4955 A61F2013/5055 A61F2013/51035 A61F2013/51066 A61F2013/51409 A61F2013/51433 A61F2013/5149 A61F2013/530007 A61F2013/530021 A61F2013/53035 A61F2013/530481 A61F2013/530489 A61F2013/53051 A61F2013/5307 A61F2013/530795 A61F2013/5677 A61F2013/588

European class: A61F13/15J2 A61F13/49D2 A61F13/505 K61F13/15A5M K61F13/15J2B K61F13/15J2E K61F13/15J8D K61F13/15J8E K61F13/15J8H K61F13/15M11E1 K61F13/15M11E5 K61F13/45C4B K61F13/491 K61F13/494A1 K61F13/494A1D K61F13/494D K61F13/495C K61F13/49D2E K61F13/49D2H2 K61F13/49D2H3 K61F13/49D2J K61F13/505A K61F13/511E1 K61F13/514A4 K61F13/514A4D K61F13/514C4B K61F13/51M6E K61F13/51N2 K61F13/533 K61F13/53L K61F13/53L2 K61F13/53M7A K61F13/53Q K61F13/53Q1 K61F13/53Q10 K61F13/53Q2 K61F13/53Q6 K61F13/56F4 K61F13/58 K61F13/58F

US class: 604/364 604/385.1 604/385.14 604/385.19 604/385.28 604/394 604/397

Classification Explorer

Cited documents: WO9116871 A1, WO9110413 A1, WO9108722 A1, WO9003156 A1, WO8911842 A1, US771001 A, US5304161 A, US5176672 A, US5108385 A, US5026364 A, US5026363 A, US4968312 A, US4964857 A, US4955880 A, US4938754 A, US4916005 A, US4892598 A, US4861652 A, US4846825 A, US4846823 A, US4834737 A, US4834736 A, US4834735 A, US4798603 A, US4795453 A, US4756709 A, US4753649 A, US4747846 A, US4704116 A, US4701176 A, US4699620 A, US4685915 A, US4681577 A, US4657802 A, US4597761 A, US4597760 A, US4585448 A, US4578073 A, US4501586 A, US4496360 A, US4405297 A, US4388075 A, US4355722 A, US4340563 A, US4335722 A, US4265245 A, US4244368 A, US4072150 A, US4022210 A, US4019517 A, US3952745 A, US3926189 A, US3874385 A, US3838695 A, US3804092 A, US3777759 A, US3741212 A, US3727615 A, US3693621 A, US3667466 A, US3665923 A, US3654928 A, US3636952 A, US3635221 A, US3616797 A, US3602225 A, US3595235 A, US3561447 A, US3528422 A, US3430629 A, US3364931 A, US3211147 A, US3162196 A, US3131693 A, US3110312 A, US3050063 A, US3049124 A, US2893393 A, US2733715 A, US2690749 A, US2688328 A, US2683457 A, US2649859 A, US2627858 A, US2538758 A, US2530647 A, US2450789 A, US2450059 A, US2122417 A, US2002368 A, US1931357 A, US1674600 A, US1133945 A, GBA2269999, GB2269999 A1, GB2256803 A1, GB1456428 A, EP0243013 A1, EP0140471 A1, DE3343622 A1, CA2048214 AA, AU8420791 A1,

0) US2009198207A – UNDERPANTS TYPE DISPOSABLE DIAPER

54) Family number: 41456212 (US2009198207A) © PatBase

Title: UNDERPANTS TYPE DISPOSABLE DIAPER

Priority:

JP20060209229	20060731	JP20060324860	20061130	JP20070311681	20071130
WO2007JP64924	20070731	JP20090236632	20091013	JP20100139584	20100618

Family:

Publication number	Publication date	Application number	Application date
CN101495075 A	20090729	CN200780028273	20070731
CN101495075 B	20121107	CN200780028273	20070731
EP2052705 A1	20090429	EP20070791609	20070731
EP2052705 A4	20121017	EP20070791609	20070731
EP2052705 B1	20171115	EP20070791609	20070731
IN00781KN2009 A	20090515	IN2009KN00781	20090227
JP2008029761 A2	20080214	JP20060209229	20060731
JP2008155015 A2	20080710	JP20070311681	20071130
JP2010005453 A2	20100114	JP20090236632	20091013
JP2010194373 A2	20100909	JP20100139584	20100618
JP4369941 B2	20091125	JP20060209229	20060731
JP4538045 B2	20100908	JP20070311681	20071130
JP5095700 B2	20121212	JP20090236632	20091013
JP5095779 B2	20121212	JP20100139584	20100618
KR101390123 B1	20140428	KR20097004088	20070731
KR20090041414 A	20090428	KR20097004088	20070731
RU2009107147 A	20100910	RU20090107147	20070731
RU2423094 C2	20110710	RU20090107147	20070731
US2009198207 AA	20090806	US20070309802	20070731
US9011406 BB	20150421	US20070309802	20070731
WO08016020 A1	20080207	WO2007JP64924	20070731

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:**

DAIO SEISHI KK ; DAJO PEJPER CORP ; MORI YOSUKE ; TORIGOSHI KEIJI ; MURAI KOSUKE

Assignee(s): DAJO PEJPER KORPOREJSHN ; DAIO PAPER CORP

Inventor(s):(std)**:** MORI JOSUKE ; MORI YOSUKE ; MURAI KOSUKE ; TORIGOSHI KEIJI ; TORIGOSI KEIDZI ; YOSUKE MORI ; KOSUKE MURAI ; KEIJI TORIGOSHI ; TORIGOE KEIJI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/493 A61F13/496 A61F13/56 A61F13/58 A61F13/62 A61F5/44 (Advanced/Invention); A61F13/49 (Advanced/Non–invention); A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7): A61F13/56 A61F5/44

CPC: A61F13/493 A61F13/5622 A61F2013/49087 A61F2013/5677 A61F13/5655 A61F13/56 A61F13/496

European class: A61F13/493 A61F13/496 A61F13/56 A61F13/56C K61F13/49N K61F13/56F4

US class: 604/385.29 604/385.290P 604/389 604/389S 604/391

Classification Explorer

Cited documents: WO9409736 A1, WO04093764 A1, WO04084786 A1, WO03057102 A2, WO03024372 A2, WO02083049 A1, US6972012 BA, US6579275 BA, US6524293 BA, US6508797 BA, US5776123 A, US5693038 A, US5624420 A, US5374262 A, US5304162 A, US4943340 A, US4909804 A, US4743239 A, US4639949 A, US4617022 A, US4555244 A, US4081301 A, US3800796 A, US2931747 A, US2007129700 AA, US2007038199 AA, US2006212019 AA, US2006118234 AA, US2006070701 AA, US2006069376 AA, US2004186451 AA, US2004182502 AA, US2004144496 AA, US2004068246 AA, US2003176846 AA, US2003130641 AA, US2003120253 AA, US2003055389 AA, US2002148557 AA, US2002111596 AA, US2002045879 AA, US2001049516 AA, RU2218139 C2, JP8511709 T2, JP5317356 A2, JP4538045 B2, JP3090821 U, JP3090821 A2, JP2010194373 A2, JP2010005453 A2, JP2008155015 A2, JP2006521169 T2, JP2006158607 A2, JP2006034402 A2, JP2005526530 T2, JP2005522236 T2, JP2005520577 T2, JP2005312690 A2, JP2005304605 A2, JP2005279006 A2, JP2005270359 A2, JP2005230330 A2, JP2005013598 A2, JP2004524929 T2, JP2003220092 A2, JP2002035029 A2, JP2000354609 A2, GB2267024 A1, EP0570980 A1, DE19813334 A1,

0) US5865950A – PROCESS FOR CREPING TISSUE PAPER

55) Family number: 42816054 (US5865950A)

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Title: Process for creping tissue paper

Priority: US19960651354 19960522 US19970795738 19970205 WO1998US02272 19980205 US19990256547 19990224 WO1997US08357 19970516

Family:

Publication number	Publication date	Application number	Application date
AR007239 AA	19991027	AR1997P102156	19970521
AT239826 E	20030515	AT19980904961T	19980205
AU199731297 A1	19971209	AU19970031297	19970516
AU199862705 A1	19980825	AU19980062705	19980205
AU725702 B2	20001019	AU19970031297	19970516
BRPI9709351 A	19990810	BR1997PI09351	19970516
BRPI9811251 A	20000926	BR1998PI11251	19980205

CA2255655 AA	19981120	CA19972255655	19970516
CA2255655 C	20040720	CA19972255655	19970516
CA2280082 AA	19990804	CA19982280082	19980205
CA2280082 C	20060801	CA19982280082	19980205
CN1251149 A	20000419	CN19988003551	19980205
DE69707447 D1	20011122	DE19976007447	19970516
DE69707447 T2	20020627	DE19976007447T	19970516
DE69814365 D1	20030612	DE19986014365	19980205
DE69814365 T2	20040122	DE19986014365T	19980205
EP0904455 A1	19990331	EP19970926562	19970516
EP0904455 B1	20011017	EP19970926562	19970516
EP0964955 A1	19991222	EP19980904961	19980205
EP0964955 B1	20030507	EP19980904961	19980205
ES2162303 T3	20011216	ES19970926562T	19970516
ID16945 A	19971127	ID19970001678	19970521
JP11514049 T2	19991130	JP19970542590T	19970516
JP2001511224 T2	20010807	JP19980533241T	19980205
JP3193726 B2	20010730	JP19970542590	19970516
KR20000015880 A	20000315	KR19980709431	19981121
KR20000070781 A	20001125	KR19997007042	19980205
PE81498 A1	19981223	PE19970000407	19970522
TH27964 A	19980216	TH19971001937	19970522
TW379273 B	20000111	TW19970108315	19970616
US5865950 A	19990202	US19960651354	19960522
US5944954 A	19990831	US19970795738	19970205
US6207734 BA	20010327	US19990256547	19990224
WO9744526 A1	19971127	WO1997US08357	19970516
WO9833978 A1	19980806	WO1998US02272	19980205
ZA9704427 A	19981117	ZA19970004427	19970521

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; DEASON HOWARD THOMAS ; HERSKO BART STEVEN ; MOHAMMADI KHOSROW PARVIZ

Inventor(s):(std)**:** WEISMAN THOMAS ; WEISMAN PAUL THOMAS ; WEIMAN PAUL TOMAS ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS ; MOHMMADI KHORSROW PARVIZ ; MOHAMMADI PARVIZ ; MOHAMMADI KHOSROW PARVIZ ; HERSKO STEVEN ; HERSKO BART STEVEN ; HERSKO BART S ; DEASON THOMAS ; DEASON HOWARD THOMAS ; DEASON HOWARD T

Inventor(s): Deason ; BART STEVEN HERSKO ; Bart Steven ; BART S HERSKO ; Hersko ; KHOSROW PARVIZ MOHAMMADI ; KHORSROW PARVIZ MOHMMADI ; KENNETH DOUGLAS VINSON ; Kenneth Douglas ; KENNETH D VINSON ; HOWARD THOMAS DEASON ; Howard Thomas ; HOWARD T DEASON ; Vinson ; PAUL TOMAS WEIMAN ; PAUL THOMAS WEISMAN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A47K10/16 A47K7/00 B31F1/12 C08G73/02 C09J103/08 D21F11/04 D21H17/29 D21H17/36 D21H17/55 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H27/00 D21H27/30 D21H27/40 (Advanced/Invention);

	A47K7/00 D21H17/29 D21H17/36 D21H17/55 D21H21/14 D21H27/00 D21H27/30 (Advanced/Non-invention); A47K10/00 A47K7/00 B31F1/00 C08G73/00 C09J103/00 D21H21/14 D21H27/00 D21H27/30 (Core/Invention); D21H17/00 (Core/Non-invention)
International class (IPC 1-7):	A47K10/16 A47K7/00 B21F1/12 B31D B31F B31F1/12 C08L3/00 D21H17/29 D21H17/36 D21H17/55 D21H17/59 D21H19/10 D21H19/30 D21H19/60 D21H21/00 D21H21/14 D21H23/56 D21H25/06 D21H27/00 D21H27/30
CPC:	B31F1/12 C08G73/0286 C09J103/08 D21H17/36 D21H17/55 D21H21/146 D21H17/29
European class:	B31F1/12 C08G73/02R1 C09J103/08 D21H21/14D N21H17/29 N21H17/36 N21H17/55
US class:	162/111 162/112 162/113 162/164.1 162/164.3 162/168.1 264/282 264/283 524/47 524/800 524/803 525/420 525/423 528/335
Classification Explorer	
Cited documents:	WO9704166 A1, WO9633310 A1, US962505 A, US5865950 A, US5635028 A, US5494554 A, US5490903 A, US5468796 A, US5399241 A, US5382323 A, US5326434 A, US5143776 A, US4994146 A, US4940513 A, US4788243 A, US4637859 A, US4529840 A, US4529480 A, US4528316 A, US4501640 A, US4406737 A, US4308092 A, US4300981 A, US4191609 A, US4166001 A, US4158594 A, US4127637 A, US4064213 A, US3994771 A, US3926716 A, US3821068 A, US3772076 A, US3700623 A,

0) US2002098317A – OXIDIZED CELLULOSE-CONTAINING FIBROUS MATERIALS...

56) Family number: 28215981 (US2002098317A) © PatBase

Title: OXIDIZED CELLULOSE-CONTAINING FIBROUS MATERIALS AND PRODUCTS MADE THEREFROM

Priority:

DE19991053590	19991108	DE20006027548	20000224	EP19990200537	19990224
EP20000906770	20000224	EP20000907622	20000224	WO2000EP01538	20000224
WO2000NL00119	20000224	RU20010125941	20000224		

Family:

Publication number	Publication date	Application number	Application date
AT271068 E	20040715	AT20000906770T	20000224
AT324384 E	20060515	AT20000907622T	20000224
AU200028330 A1	20000914	AU20000028330	20000224
AU200028330 A5	20000914	AU20000028330	20000224
AU200029145 A1	20000914	AU20000029145	20000224
AU200029145 A5	20000914	AU20000029145	20000224
AU768725 B2	20040108	AU20000029145	20000224
AU776991 B2	20040930	AU20000028330	20000224
BRPI0008378 A	20020219	BR2000PI08378	20000224
BRPI0008475 A	20020205	BR2000PI08475	20000224
CN1192039 C	20050309	CN20008004114	20000224
CN1341125 A	20020320	CN20008004200	20000224
CN1355814 A	20020626	CN20008004114	20000224
CZ20012873 A3	20020116	CZ20010002873	20000224
CZ20012901 A3	20020116	CZ20010002901	20000224
DE19953590 A1	20010517	DE19991053590	19991108
DE60012148 D1	20040819	DE20006012148	20000224
DE60012148 T2	20050721	DE20006012148T	20000224
DE60027548 D1	20060601	DE20006027548	20000224

DE60027548 T2	20070426	DE20006027548T	20000224
DK1155039 T3	20041108	DK20000906770T	20000224
EP1155039 A1	20011121	EP20000906770	20000224
EP1155039 B1	20040714	EP20000906770	20000224
EP1155040 A1	20011121	EP20000907622	20000224
EP1155040 B1	20060426	EP20000907622	20000224
ES2223462 T3	20050301	ES20000906770T	20000224
ES2262508 T3	20061201	ES20000907622T	20000224
HU0105300 AB	20020429	HU20010005300	20000224
HU0105300 AC	20040428	HU20010005300	20000224
HU0202330 AB	20021228	HU20020002330	20000224
JP2002537448 T2	20021105	JP20000601041T	20000224
JP2002537503 T2	20021105	JP20000601040T	20000224
MXPA01008545 A1	20030606	MX2001PA08545	20000224
PL350233 A1	20021118	PL20000350233	20000224
PL350423 A1	20021216	PL20000350423	20000224
RU2001125920 A	20040220	RU20010125920	20000224
RU2001125941 A	20030627	RU20010125941	20000224
TR200102472 T2	20020321	TR20010002472T	20000224
US2002098317 AA	20020725	US20010931621	20010816
US6716976 BA	20040406	US20010913596	20011121
US6824645 BB	20041130	US20010931621	20010816
WO0050462 A1	20000831	WO2000EP01538	20000224
WO0050463 A1	20000831	WO2000NL00119	20000224
ZA200106416 A	20021104	ZA20010006416	20010803
ZA200106740 A	20020815	ZA20010006740	20010815

Probable Assignee: NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK

Assignee(s):(std)**:** BESEMER ARIE CORNELIS ; BRAGD PETTER ; DEN DOOL RONALD VAN ; GUNNARS SUSANNA ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; SCA HYGIENE PROD GMBH ; SCA HYGIENE PRODUCTS ZEIST B V ; ZAIST SCA HYGIENE PRODUCTS GMB ; SCA HYGIENE PROD ZEIST BV ; SCA HYGIENE PRODUCTS GMBH ; SCA HYGIENE PRODUCTS ZEIST BV

Assignee(s): SCA HYGIENE PRODUCTS ZEIST B V ZEIST ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK ; NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETEN ; ZAIST SCA HYGIENE PRODUCTS GMBH ; VAN HARTINGSVELDT WIM ; SCA HYGIENE PRODUCTS ZEIST PO BOX BV

Inventor(s):(std)**:** ARIE CORNELIS BESEMER ; BESEMER ARIE CORNELIS ; BESEMER ARIE CORNELLS ; BESEMER CORNELIS ; BRAGD PETTER ; DOOL RONALD VAN DEN ; GUNNARS SUSANNA ; GUNNARS SUSANNE ; HARTINGSVELDT WILLEM VAN ; HARTINGSVELDT WIM VAN ; JAN MATTHIJS JETTEN ; JAN MATTHIYS JETTEN ; JASCHINSKI THOMAS ; JETTEN JAN MATTHIJS ; JETTEN JAN MATTHIYS ; JETTEN MATTHIJS ; PETTER BRAGD ; RONALD TAKO MARINUS VAN DEN DOOL ; RONALD VAN DEN DOOL ; RONALD VANDENDOOL ; SUSAANA GUNNARS ; SUSANNA GUNNARS ; THOMAS JASCHINSKI ; VAN DEN DOOL RONALD ; VAN HARTINGSVELDT WILLEM ; VANDENDOOL RONALD ; VANHARTINGSVELDT WILLEM ; WILLEM VAN HARTINGSVELDT ; WILLEM VANHARTINGSVELDT ; WIM VAN HARTINGSVELDT ; VAN HARTINGSVELDT WIM ; GUNNARS SUSAANA ; DOOL RONALD TAKO MARINUS VAN D ; VAN HARTINGSVELDT ; VAN DEN DOOL ; JETTEN MATTHIJS JAN ; JETTEN ; JASCHINSKI ; GUNNARS ; BRAGD ; BESEMER CORNELIS ARIE ; BESEMER

Inventor(s): CORNELIS ARIE BESEMER ; MATTHIJS JAN JETTEN

Designated states:

AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): C08B11/04 C08B11/10 C08B11/14 C08B11/145 C08B15/02 C08B15/04 D04H13/00 D21C9/00 D21H11/20 (Advanced/Invention); C08B11/00 C08B15/00 D04H13/00 D21C9/00 D21H11/00 (Core/Invention)

International class (IPC 1–7): A47K7/00 C08B11/04 C08B11/08 C08B11/10 C08B11/12 C08B11/14 C08B11/145 C08B15/00 C08B15/02 C08B15/04 C12P19/04 D06M13/322 D21C3/20 D21C9/147 D21H11/20 D21H27/00

CPC: D04H1/425 D04H1/4374 D04H13/00 Y10T428/234 D21H11/20 C08B15/02 D21C9/002

European class: C08B15/02 D21C9/00B2 D21H11/20

US class: 162/109 162/157.6 162/165 162/165S 162/9 428/72 428/72P 435/101 435/28 536/124 536/18 536/56 8/181 8/189

Classification Explorer

Cited documents: WO9932652 A1, WO9923240 A1, WO9923117 A1, WO9855684 A1, WO9827117 A1, WO9736054 A2, WO9736053 A2, WO9736052 A2, WO9736051 A2, WO9736037 A2, WO9638484 A1, WO9636621 A1, WO9609435 A1, WO9525844 A1, WO9511340 A1, WO9507303 A1, WO9429510 A1, WO9428244 A1, WO9416750 A1, WO0129309 A1, US6562195 BB, US6524348 BA, US6409881 BA, US6379494 BA, US6368456 BA, US6331619 BA, US6319361 BA, US6254724 BA, US6228126 BA, US6103059 A, US6087135 A, US6031101 A, US5877330 A, US5873979 A, US5849929 A, US5831043 A, US5821374 A, US5760212 A, US5747658 A, US5739352 A, US5698688 A, US5629426 A, US5607551 A, US5472485 A, US5416215 A, US5348621 A, US5334756 A, US4983748 A, US4972018 A, US4647505 A, US4100341 A, US4082743 A, US3632802 A, US3431254 A, US3313641 A, US3137588 A, US3086969 A, US2003024661 AA, US2002098317 AA, US2002072598 AA, US2002026993 AA, SU592905 T, SU529905 T, SU1268650 T, SU1268649 T, SU1268648 T, SE510528 C2, RU592905, JPS63211399, JPS5054684, JP8003136 A2, JP63211399 A2, JP6017399 A2, JP5054684 A2, JP50054684 A2, JP2099695 A2, JP11012301 A2, JP10251302 A2, JP10072501 A2, GB2289695 A1, GB1385894 A, GB1299646 A, EP1245722 A2, EP1106732 A2, EP1077286 A1, EP1077285 A1, EP1077221 A1, EP0905289 A2, EP0866060 A2, EP0801073 A2, EP0775684 A1, EP0752024 B1, EP0677612 A2, EP0617164 A1, EP0574661 A1, EP0324382 A2, EP0283951 A1, EP0124439 A2, DE4432795 A1, DE4219471 A1, DE19821263 A1, DE19746805 C1, DE19723912 A1,

0) US2011311749A – UNIQUELY PERFORATED WEB PRODUCT

57) Family number: 50210433 (US2011311749A)

© PatBase

Title: UNIQUELY PERFORATED WEB PRODUCT

Priority: CA20112743672 20110617 US20100819344 20100621

Family:

Publication number	Publication date	Application number	Application date
CA2743672 AA	20111221	CA20112743672	20110617
MX2011006700 A1	20120220	MX20110006700	20110620
US2011311749 AA	20111222	US20100819344	20100621
US8287977 BB	20121016	US20100819344	20100621

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): MCNEIL KEVIN BENSON ; MELLIN ANDRE ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; MCNEIL KEVIN B

Inventor(s):(std): MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; MELLIN ANDRE

Inventor(s): ANDRE MELLIN ; KEVIN BENSON MCNEIL

International class (IPC 8–9): A47K10/16 B26F1/00 B32B29/00 B65D65/28 B65H35/00 D21H27/00 D21H27/02 (Advanced/Invention); B65H35/00 D21H27/00 (Core/Invention)

CPC: A47K10/16 D21H27/02 D21H27/002 Y10T428/15 Y10T428/24 Y10T428/24273

US class: 162/114 4/245.1 4/245.8 428/131 428/43 428/43P 428/98

Classification Explorer

Cited documents: WO9203250 A2, WO10076689 A1, WO08141598 A1, WO08068723 A1, WO06067260 A1, WO03026472 A1, USD393950 S1, US7222346 BB, US714652 A, US7089854 BB, US6865784 BB, US6838040 BB, US6735834 BB, US6733626 BB, US6565794 BA, US6557224 BB, US6487762 BA, US6460727 BA, US6289777 BA, US6223641 BA, US6139186 A, US6136209 A, US6119439 A, US6029921 A, US6010090 A, US5839688 A, US5789050 A, US5755654 A, US5740658 A, US5740657 A, US5727458 A, US5718928 A, US5704566 A, US5616387 A, US5613347 A, US5453311 A, US5405663 A, US5246110 A, US5205454 A, US5202077 A, US5198276 A, US5062331 A, US5041317 A, US4995930 A, US4957122 A, US4884719 A, US4842794 A, US4806303 A, US4646364 A, US4636161 A, US453003 A, US4509908 A, US4503318 A, US4500770 A, US4457964 A, US4441952 A, US4423101 A, US4355226 A, US4247754 A, US4220490 A, US4219727 A, US4210688 A, US4199090 A, US4100396 A, US405412 A, US4035611 A, US4029938 A, US3931886 A, US3770172 A, US3762542 A, US3752304 A, US3583558 A, US3467250 A, US2009022927 AA, US2008280088 AA, US2008199660 AA, US2007209099 AA, US2007014961 AA, US2005241788 AA, US2005095403 AA, US2003218040 AA, US2003132549 AA, US2003131454 AA, US2003111169 AA, US2003101557 AA, US2002148085 AA, US1170589 A, JP9279463 A2, JP8084685 A2, JP3140786 B2, JP3140786 A2, JP2007117466 A2, JP2006247311 A2, JP2005296588 A2, JP2005153997 A2, JP2004049261 A2, JP2002017607 A2, JP11091266 A2, GB2184391 A1, GB2184390 A1, GB2183489 A1, GB159818 A, FR2292560 A1, EP1529477 A1, EP0974433 A1, EP0689819 A2, EP0195113 A2, EP0054907 A2, DE3043845 A1, DE20013469 U1,

DE102006049680 A1

0) US2009272835A – METHOD AND MACHINE FOR FORMING LOGS OF WEB MATE...

58) Family number: 40906253 (US2009272835A) © PatBase

Title: METHOD AND MACHINE FOR FORMING LOGS OF WEB MATERIAL, WITH A MECHANICAL DEVICE FOR FORMING THE INITIAL TURN OF THE LOGS

Priority: IT2006FI00141 20060609 IT2007FI00070 20070322 WO2007IT00389 20070604

Family:

Publication number	Publication date	Application number	Application date
AT447534 E	20091115	AT20070790121T	20070604
BRPI0712362 A2	20120619	BR2007PI12362	20070604
CA2654943 AA	20081209	CA20072654943	20070604
CA2654943 C	20140923	CA20072654943	20070604
DE602007003102 D1	20091217	DE200760003102T	20070604
EP2032488 A2	20090311	EP20070790121	20070604
EP2032488 B1	20091104	EP20070790121	20070604
ES2333995 T3	20100303	ES20070790121T	20070604
IL195760 A0	20090901	IL20080195760	20081207
IL195760 A1	20130731	IL20070195760	20070604
ITFI20060141 A1	20071210	IT2006FI00141	20060609
ITFI20070070 A1	20080923	IT2007FI00070	20070322
JP2009539723 T2	20091119	JP20090513847T	20070604
JP5325775 B2	20131023	JP20090513847T	20070604
KR101347947 B1	20140107	KR20097000294	20070604
KR20090023467 A	20090304	KR20097000294	20070604

US2009272835 AA	20091105	US20070308126	20070604
US7931226 BB	20110426	US20070308126	20070604
WO07141818 A2	20071213	WO2007IT00389	20070604
WO07141818 A3	20080131	WO2007IT00389	20070604

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** BENVENUTI ANGELO ; CECCHETTINI LUCA ; PERINI FABIO SPA ; FORNAI ANDREA ; MADDALENI ROMANO

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA ; FABIO PERINI SPAVIA PER MUGNANOI–55100LUCCAIT

Inventor(s):(std)**:** BENVENUTI ANGELO ; CECCHETTINI LUCA ; FORNAI ANDREA ; MADDALENI ROMANO

Inventor(s): MADDALENI ROMANOIT ; ROMANO MADDALENI ; FORNAI ANDREAIT ; LUCA CECCHETTINI ; CECCHETTINI LUCAIT ; BENVENUTI ANGELOIT ; ANDREA FORNAI ; ANGELO BENVENUTI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H18/08 B65H19/22 B65H19/26 B65H19/28 B65H19/30 (Advanced/Invention); B65H18/08 B65H19/22 B65H19/28 B65H19/30 (Core/Invention); B65H (Subclass/Invention)

CPC: B65H19/2269 B65H2408/235

European class: B65H19/22B6 L65H408/235

US class: 242/521 242/521P 242/532 242/532.2 242/532.200S 242/532S 242/533 242/533.1 242/533.2 242/533.3

Classification Explorer

Cited documents: WO200554104, WO200554103, WO05075328 A1, WO05054104 A2, WO05054104, WO05054103 A1, WO05054103, WO04050520 A2, WO04046006 A2, US7523884 BB, US6752345 BB, US6595458 BA, US6050519 A, US5979818 A, US5653401 A, US5368252 A, US4487377 A, US4327877 A, GB1435525 A, EP1262434 A3, EP1262434 A2, EP1232980 A1, EP0827483 B1, EP0738231 B1, EP0524158 B1, EP0093301 B1, DE19807420 A1,

0) US2009256472A – THREE–DIMENSIONAL LIGHTING STRUCTURE UTILIZING ...

59) Family number: 43838109 (US2009256472A) © PatBase

Title: THREE–DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY

Priority:

CA20132809626	20130315	CA20132809629	20130315	US20080045070P	20080415
US20080045070	20080415	EP20130159335	20130315	EP20130159344	20130315
US20090423567	20090414	WO2009US40528	20090414	US20120421916	20120316
US20120421921	20120316				

Family:

Publication number	Publication date	Application number	Application date
CA2758419 AA	20091022	CA20092758419	20090414
CA2758419 C	20140722	CA20092758419	20090414
CA2809626 AA	20130916	CA20132809626	20130315
CA2809626 C	20171024	CA20132809626	20130315
CA2809629 AA	20130916	CA20132809629	20130315
CA2809629 C	20171024	CA20132809629	20130315
DE602013009495 D1	20160901	DE201360009495T	20130315
DE602013014600 D1	20170112	DE201360014600T	20130315
EP2274554 A2	20110119	EP20090733050	20090414
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EP2274554 B1	20170802	EP20090733050	20090414
EP2639495 A2	20130918	EP20130159344	20130315
EP2639495 A3	20140507	EP20130159344	20130315
EP2639495 B1	20161130	EP20130159344	20130315
EP2639783 A2	20130918	EP20130159335	20130315
EP2639783 A3	20140507	EP20130159335	20130315
EP2639783 B1	20160720	EP20130159335	20130315
US2009256472 AA	20091015	US20090423567	20090414
US2012218761 AA	20120830	US20120421916	20120316
US2012224376 AA	20120906	US20120421921	20120316
US8210697 BB	20120703	US20090423567	20090414
US8845117 BB	20140930	US20120421921	20120316
US8979290 BB	20150317	US20120421916	20120316
WO09129242 A2	20091022	WO2009US40528	20090414
WO09129242 A3	20100107	WO2009US40528	20090414

Probable Assignee: LOHNEIS PAUL E

Assignee(s):(std)**:** LOHNEIS PAUL E

Assignee(s): LOHNEIS PAUL E POTOMAC ; LOHNEIS PAUL E12437 OVER RIDGE ROADPOTOMACMD20854US

Inventor(s):(std)**:** LOHNEIS PAUL E

Inventor(s): LOHNEIS PAUL E12437 OVER RIDGE ROADPOTOMACMD20854US ; LOHNEIS PAUL E POTOMAC

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47G33/08 B23P11/00 B60Q1/12 F21S2/00 F21S8/00 F21V17/10 F21V21/088 F21V21/14 F21V21/30 F21V33/00 F21V8/00 F21V9/16 F21Y105/00 G09F13/22 H01J1/63 H01J9/00 H01J9/24 H01L27/32 (Advanced/Invention); F21V19/00 F21W121/00 F21Y101/02 F21Y105/00 F21Y111/00 H01L27/32 (Advanced/Non–invention); F21S2/00 H01J1/00 H01J9/00 (Core/Invention)

CPC: A47G2033/0827 F21S10/04 F21V19/004 F21V19/005 A47G33/08 Y10T29/49826 G09F13/22 F21V19/003 F21W2121/006 H01L27/3202 H01L27/3237 H01L2251/5338 H01L2251/5361 F21W2121/00 F21Y2105/00 F21Y2107/60 F21Y2113/13 F21Y2115/10 F21Y2115/15 F21Y2115/20 F21Y2107/00

European class: F21V19/00B4D F21V19/00B4P G09F13/22 H01L27/32L R21S10/04 R21W121/00 R21Y101/02 R21Y105/00E R21Y105/00G R21Y111/00T9 R21Y113/00C2 T01L251/53F T01L251/53L T01L27/32A T01L27/32L

US class:

29/428 313/504 313/504P 362/249.02 362/249.04 362/249.040P 362/249.08 362/249.080S 362/84 445/23 445/23S 445/44 445/44S

Classification Explorer

Cited documents: WO9218964 A1, WO08005610 A1, WO05036935 A1, WO03023807 A1, US7799369 BB, US7723733 BB, US7677943 BB, US7622861 BB, US7482745 BB, US7476557 BB, US7427782 BB, US7378125 BB, US7364315 BB, US7294961 BB, US7259030 BB, US7256427 BB, US7217956 BB, US7161590 BB, US7052924 BB, US6998772 BB, US6981781 BB, US6962737 BB, US6876143 BB, US6811563 BB, US6802144 BB, US6801185 BB, US6688759 BA, US6639355 BA, US6637906 BB, US6382814 BA, US6056425 A, US6045575 A, US5857765 A, US5771617 A, US5747940 A, US5645343 A, US3621332 A, US2008180949 AA, US2008067527 AA, US2007290217 AA, US2007194332 AA, US2007105250 AA, US2007090387 AA, US2007087469 AA, US2007026571 AA, US2007026570 AA, US2007014916 AA, US2006252336 AA, US2005282307 AA, US2005248935 AA, US2005214963 AA, US2005214962 AA, US2005212406 AA, US2005212007 AA, US2005211998 AA, US2005188569 AA, US2005088079 AA, US2005082820 AA, US2005025881 AA, US2004113543 AA, US2004097005 AA, US2004070195 AA, US2004041800 AA, TWM315805 Y, JP8250279 A2, JP8203669 A2, JP2005302387 A2, JP2005192648 A2, JP2005174891 A2, JP2000197169 A2, JP11176214 A2, GB389110 A, GB2394109 A1, EP1367677 A2, EP1367676 A1, EP0458517 A1,

DE202008002894 U1

DE202008002894, DE10350913 A1,

DE102006037998 A1

0) US2012043037A – PAPER PRODUCT HAVING UNIQUE PHYSICAL PROPERTIES...

60) Family number: 50661322 (US2012043037A) © PatBase

Title: PAPER PRODUCT HAVING UNIQUE PHYSICAL PROPERTIES

Priority:

EP20110752012	20110818	US20100859495	20100819	US20120431259	20120327
US20120714562	20121214	US20140155676	20140115	US20120714581	20121214
WO2011US48176	20110818	US20140197200	20140304	US20140525296	20141028
US20150607214	20150128	US20150615468	20150206	US20150755985	20150630
US20150755884	20150630	US20150755825	20150630		

Family:

Publication number	Publication date	Application number	Application date
CA2806883 AA	20130128	CA20112806883	20110818
DE602011031950 D1	20161208	DE201160031950T	20110818
EP2606184 A1	20130626	EP20110752012	20110818
EP2606184 B1	20161102	EP20110752012	20110818
FR2963940 A1	20120224	FR20110057388	20110817
MX2013001621 A1	20130308	MX20130001621	20110818
MX340286 B	20160704	MX20130001621	20110818
US2012043037 AA	20120223	US20100859495	20100819
US2012180971 AA	20120719	US20120431259	20120327
US2013098572 AA	20130425	US20120714562	20121214
US2014124152 AA	20140508	US20140155676	20140115
US2014182798 AA	20140703	US20140197200	20140304
US2015041086 AA	20150212	US20140525296	20141028
US2015136347 AA	20150521	US20150607214	20150128
US2015152605 AA	20150604	US20150615468	20150206
US2015299953 AA	20151022	US20150755985	20150630

US8211271 BB	20120703	US20100859495	20100819
US8512524 BB	20130820	US20120431259	20120327
US8657997 BB	20140225	US20120714562	20121214
US8900409 BB	20141202	US20140155676	20140115
US8974635 BB	20150310	US20140197200	20140304
US9017516 BB	20150428	US20140525296	20141028
US9034144 BA	20150519	US20150607214	20150128
US9103072 BB	20150811	US20150615468	20150206
US9169600 BA	20151027	US20150755985	20150630
US9169602 BA	20151027	US20150755884	20150630
US9175444 BA	20151103	US20150755825	20150630
WO12024460 A1	20120223	WO2011US48176	20110818

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** POLAT OSMAN ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; SHEEHAN JEFFREY GLEN

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO CINCINNATI

Inventor(s):(std)**:** JEFFREY GLEN SHEEHAN ; OSMAN POLAT ; POLAT OSMAN ; SHEEHAN JEFFREY GLEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/07 B31F1/12 B32B29/00 D04H13/00 D21F3/00 D21F7/00 D21H11/00 D21H11/04 D21H23/00 D21H27/00 D21H27/02 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); B32B29/00 (Advanced/Non–invention)

CPC: D21H27/007 B31F1/07 B32B29/00 D21H1/02 D21H27/004 D21H27/30 D21H27/38 D21H27/02 Y10T428/24479 Y10T428/24612 Y10T428/27 Y10T442/184 Y10T442/198 Y10T442/2361 D21H27/005 D21H27/40 D21H11/04

European class: D21H27/00D2 D21H27/00D2B D21H27/30

US class: 1/1 162/100 162/109 162/111 162/112 162/117 162/123 162/125 162/129 162/348 162/358.2 162/358.200P 162/900 162/903 428/156 428/172 428/340 442/103 442/50 442/58

Classification Explorer

Cited documents: WO9963158 A1, WO9859110 A1, WO9821410 A1, WO9744529 A1, WO10076689 A1, WO09107023 A2, WO07070124 A1, WO06132976 A1, WO06071287 A1, WO05107427 A2, USRE42968 E, US9034144 BA, US9017516 BB, US8974635 BB, US8900409 BB, US8657997 BB, US8512524 BB, US8313617 BB, US8298376 BB, US8211271 BB, US8163130 BB, US8152959 BB, US8034215 BB, US7960020 BB, US7918951 BB, US7842163 BB, US7837831 BB, US7829177 BB, US7828932 BB, US7799411 BB, US7744723 BB, US7741234 BB, US7691229 BB, US7645359 BB, US7550059 BB, US7494564 BB, US7399378 BB, US7374639 BB, US7314665 BB, US7128809 BB, US6743333 BB, US6649025 BB, US6423397 BA, US6277241 BA, US5965235 A, US5906711 A, US5906710 A, US5714041 A, US5679222 A, US5628876 A, US5624790 A, US5580423 A, US5566724 A, US5554467 A, US5552020 A, US5543067 A, US5538595 A, US5529665 A, US5514523 A, US5510000 A, US5500277 A, US5496624 A, US5443691 A, US5431786 A, US5415737 A, US5334289 A, US5328565 A, US5277761 A, US5275700 A, US5260171 A, US5245025 A, US5238565 A, US5098522 A, US5059282 A, US4981557 A, US4919756 A, US4637859 A, US4529480 A, US4528239 A, US4514345 A, US4440597 A, US4364837 A, US4300981 A, US4239065 A, US4191609 A, US4166001 A, US4011389 A, US3994771 A, US3964500 A, US3905863 A, US3772076 A, US3700623 A, US3573164 A, US3556933 A, US3556932 A, US3301746 A, US2826551 A, US2015152605 AA, US2015136347 AA, US2015041086 AA, US2014182798 AA, US2014124152 AA, US2014014284 AA, US2013209749 AA, US2013171421 AA, US2013098572 AA, US2012277710 AA, US2012273148 AA, US2012180971 AA, US2012043042 AA, US2012043041 AA, US2012043037 AA, US2012043036 AA, US2012034430 AA, US2011100574 AA, US2011008583 AA, US2010239825 AA, US2010186913 AA, US2009218057 AA,

US2009183846 AA, US2009029106 AA, US2008087395 AA, US2007272381 AA, US2007137813 AA, US2007137811 AA, US2007074833 AA, US2006280909 AA, US2006130988 AA, US2006113049 AA, US2006088697 AA, US2004231813 AA, GB849433 A, GB2498443 A1, EP0849433 A2, EP0688901 A2, EP0613979 A1,

0) US2010237179A – REWINDING METHOD AND REWINDING MACHINE THAT CAR...

61) Family number: 43112799 (US2010237179A) © PatBase

Title: REWINDING METHOD AND REWINDING MACHINE THAT CARRIES OUT THIS METHOD

Priority: EP20070019379 20071002 EP20080834938 20081002 WO2008IB02607 20081002

Family:

Publication number	Publication date	Application number	Application date
DE602008027048 D1	20131017	DE200860027048T	20081002
EP2045201 A1	20090408	EP20070019379	20071002
EP2205513 A2	20100714	EP20080834938	20081002
EP2205513 B1	20130821	EP20080834938	20081002
ES2430845 T3	20131122	ES20080834938T	20081002
US2010237179 AA	20100923	US20080679532	20081002
WO09044264 A2	20090409	WO2008IB02607	20081002
WO09044264 A3	20090522	WO2008IB02607	20081002

Probable Assignee: MTC MACCHINE TRASFORMAZIONE CARTA SRL

Assignee(s):(std)**:** DE MATTEIS ALESSANDRO ; M T C MACCHINE TRASFORMAZIONE ; MTC MACCHINE TRASFORMAZIONE CA ; MTC MACCHINE TRASFORMAZIONE

Assignee(s): M T C MACCHINE TRASFORMAZIONE CARTA SRL PORCARI ; MTC MACCHINE TRASFORMAZIONE CARTA SRL ; M T C MACCHINE TRASFORMAZIONE CARTA S R L ; M T C MACCHINE TRASFORMAZIONE CARTA SRL ; MTC MACCHINE TRASFORMAZIONE CARTA S R L

Inventor(s):(std)**:** DE MATTEIS ALESSANDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 B65H35/04 B65H35/10 (Advanced/Invention) ; B65H19/22 B65H19/28 B65H19/30 B65H35/00 B65H35/04 (Core/Invention)

CPC: B65H19/286 B65H19/2269 B65H19/29 B65H2301/414421 B65H2408/235

European class: B65H19/22B6 B65H19/28B B65H19/29 L65H301/41442A L65H341/441A2 L65H341/441C4 L65H341/441G2 L65H408/235

US class: 242/521 242/521P 242/526 242/526.1 242/526.100S 242/526S 242/532.3 242/532.300S

Classification Explorer

Cited documents: WO06117822 A1, WO04005173 A1, WO0164563 A2, US8136473 BB, US7641142 BB, US7222813 BB, US7175126 BB, US6494398 BA, US6350861 BA, US5866135 A, US5285977 A, US35284 A, US2007102562 AA, US2007102561 AA, US2006208127 AA, US2003001042 AA, GB2150536 A1, EP1754677 A2, EP1702873 A2, EP1700805 A2, EP1554202 A2, EP1232980 A1, EP0387214 A2,

62) Family number: 29449093 (US6126784A) © PatBase

Title: Process for applying chemical papermaking additives to web substrate

Priority: US19990305765 19990505 WO2000US11831 20000502

Family:

Publication number	Publication date	Application number	Application date
AR023855 AA	20020904	AR2000P102160	20000504
AT285493 E	20050115	AT20000928696T	20000502
AU200046893 A1	20001121	AU20000046893	20000502
AU200046893 A5	20001121	AU20000046893D	20000502
AU763746 B2	20030731	AU20000046893	20000502
BRPI0010290 A	20030701	BR2000PI10290	20000502
CA2372779 AA	20011101	CA20002372779	20000502
CA2372779 C	20051115	CA20002372779	20000502
CL2000001118 A1	20010119	CL20000001118	20000505
CL45357 B	20090612	CL20000001118	20000505
CN1353785 A	20020612	CN20008008499	20000502
CZ20013942 A3	20031015	CZ20010003942	20000502
DE60016922 D1	20050127	DE20006016922	20000502
DE60016922 T2	20051208	DE20006016922T	20000502
EG22505 A	20030331	EG20000000582	20000506
EP1190139 A1	20020327	EP20000928696	20000502
EP1190139 B1	20041222	EP20000928696	20000502
ES2231193 T3	20050516	ES20000928696T	20000502
HK1044576 A1	20050805	HK20020106261	20020823
HU0202353 AB	20021128	HU20020002353	20000502
JP2002544404 T2	20021224	JP20000617268T	20000502
KR20020047033 A	20020621	KR20017014010	20000502
NZ515013 A	20030829	NZ20000515013	20000502
PE01462001 A1	20010421	PE20000000414	20000504
PL352074 A1	20030728	PL20000352074	20000502
TH46667 A	20010815	TH20001001517	20000502
TR200103220 T2	20020422	TR20000003220T	20000502
US6126784 A	20001003	US19990305765	19990505
WO0068503 A1	20001116	WO2000US11831	20000502
ZA200108822 A	20030127	ZA20010008822	20011025

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBE COMPANY ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): VINSON KENNETH DOUGLAS ; FICKE JONATHAN ANDREW ; PROCTER AND GAMBE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBE COMPANY

Inventor(s):(std)**:** FICKE ANDREW ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; VINSON DOUGLAS ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS

Inventor(s): VINSON KENNETH DOUGLAS FICKE JONATHAN ANDREW

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9):	D21H19/84 D21H21/22 D21H23/24 D21H23/46 D21H23/70 D21H23/72 D21H25/08 D21H27/00 (Advanced/Invention); D21H19/84 D21H21/22 D21H23/72 D21H27/00 (Advanced/Non–invention); D21H21/22 D21H23/00 D21H25/00 D21H27/00 (Core/Invention); D21H19/00 D21H21/22 (Core/Non–invention)
International class (IPC 1–7):	D21H D21H11/00 D21H21/22 D21H21/22 D21H23/22 D21H23/70 D21H23/72 D21H25/08 D21H27/00
CPC:	D21H19/84 D21H21/22 D21H23/72 D21H25/08
European class:	D21H23/72 D21H25/08 N21H19/84 N21H21/22
US class:	162/111 162/135 162/158 162/164.1 162/164.3 162/164.6 162/168.1 162/168.2 162/183 162/184
Classification Explorer	
Cited documents:	USH1672 H1, US5840403 A, US5525345 A, US5487813 A, US5405499 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4300981 A, US1774398 A, FR2478491 A1, DE2846576 A1,

0) US5795921A – FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS US...

63) Family number: 29574265 (US5795921A) © PatBase

Title: FOAMS MADE FOR HIGH INTERNAL PHASE EMULSIONS USEFUL AS ABSORBENT MEMBERS FOR CATAMENIAL PADS

Priority:

CA19962208642	19960111	CA19962226408	19960111	CA19962226408	19960111
US19960688496	19960730	US19970955555	19971020	US19950397592	19950302
US19960675138	19960703	US19950370697	19950110	US19950542497	19951013
WO1996US00388	19960111	WO1996US02251	19960220	WO1997US10607	19970613

Family:

Publication number	Publication date	Application number	Application date
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ZA9705825 A	19980901	ZA19970005825	19970630

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBEL CO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTER AND GAMBEL CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; DYER JOHN COLLINS ; GAMBLE CO ; HAMMONS JOHN LEE ; LAMPSON PATRICIA LEE ; LLOYD SUSAN NICOLE ; PROCTER AND

Inventor(s):(std)**:** DYER COLLINS ; HAMMONS J L ; HAMMONS JOHNM LEE ; HAMMONS LEE ; JL HAMMONS ; JOHN C DYER ; JOHN COLLINS DYER ; LAMPSON LEE ; LAMPSON P L ; LEE HAMMONS JOHN ; LEE LAMPSON PATRICIA ; LLOYD NICOLE ; LLOYD SUSAN NICOLE ; LLOYD SUZAN NICOLE ; NICOLE LLOYD SUSAN ; PATRICIA L LAMPSON ; PATRICIA LEE LAMPSON ; PL LAMPSON ; SUSAN N LLOYD ; SUSAN N LOYD ; SUSAN NICOLE LLOYD ; YER JOHN COLLINS ; JOHN L HAMMONS ; JOHN LEE HAMMONS ; HAMMONDS JOHN LEE ; LLOYD SUSAN N ; LAMPSON PATRICIA LEE ; LAMPSON PATRICIA L ; HAMMONS JOHN LEE ; HAMMONS JOHN L ; DYER JOHN COLLINS ; DYER JOHN C

Inventor(s):	J L HAMMONS ; P L LAMPSON ; Lampson ; SUZAN NICOLE LLOYD ; HAMMONS JOHN LEE DYER JOHN COLLINS ; Patricia Lee ; JOHN COLLINS YER
Designated states:	AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TJ TM TR TT UA UG UZ VN YU ZW
International class (IPC 8–9):	A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/53 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/04 A61L31/14 C08F2/32 C08F212/12 C08F220/10 C08J9/00 G06F3/038 (Advanced/Invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 C08J9/00 (Advanced/Non–invention); A61F13/00 A61F13/15 A61F13/20 A61L15/00 A61L15/16 A61L31/04 A61L31/14 C08F2/32 C08F212/00 C08F220/00 C08J9/00 G06F3/033 (Core/Invention); A61F13/15 (Core/Non–invention)
International class (IPC 1–7):	A61F13/00 A61F13/15 A61F13/20 A61F13/46 A61F13/472 A61F13/53 A61L 15/42 A61L15/00 A61L15/16 A61L15/24 A61L15/42 A61L31/00 B32B3/10 C08F12/08 C08F13/15 C08F13/20 C08F2/32 C08F20/10 C08F212/12 C08F220/10 C08J9/00 C08J9/28
CPC:	A61F13/476 A61F2013/15317 A61F2013/15471 Y10T428/24273 Y10T428/24322 A61F13/47227 A61F13/15203 A61L15/24 A61L15/425 A61L31/048 A61L31/146 C08F2/32
European class:	A61F13/15J A61F13/472B1 A61L15/24 A61L15/42E A61L31/04H A61L31/14H C08F2/32 K61F13/15J8A3 K61F13/15J8M1 K61F13/476
US class:	428/131 428/137 521/146 521/62 521/63 521/64 604/358 604/369 604/385.01 604/385.1 604/387
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0) US2009026299A – WEB SEPARATOR WITH REVERSE ROTATION MECHANISM F...

64) Family number: 42870082 (US2009026299A)

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Title: WEB SEPARATOR WITH REVERSE ROTATION MECHANISM FOR TISSUE PAPER WINDING MACHINE

Priority: TW20070127668 20070727 US20070902812 20070926 US20100822411 20100624 US20110222058 20110831 US20110223468 20110901

Family:

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Probable Assignee: CHAN LI MACHINERY CO LTD

Assignee(s):(std)**:** CHAN LI MACHINERY CO LTD ; TSAI TUNG I

Assignee(s): CHAN LI MACHINERY CO

Inventor(s):(std)**:** TSAI TUNG I

International class (IPC 8–9)**:** B26F3/02 B31C1/00 B65H18/28 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H20/16 B65H35/08 B65H35/10 (Advanced/Invention); B26F3/02 B65H18/00 B65H19/22 B65H35/00 (Core/Invention)

CPC: B65H2408/235 B65H2301/41425 B65H19/267 B65H19/2269 B65H2301/41426 B65H2301/41812 B65H2406/33

European class: B65H19/22B6 B65H19/26C L65H301/41425 L65H301/41426 L65H301/41812 L65H406/33 L65H408/235

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Classification Explorer

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0) US2004154763A – METHOD FOR MAKING A FIBROUS STRUCTURE COMPRISIN...

65) Family number: 30779983 (US2004154763A)

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Title: METHOD FOR MAKING A FIBROUS STRUCTURE COMPRISING CELLULOSIC AND SYNTHETIC FIBERS

Priority:

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):[std]**:** LORENZ TIMOTHY J ; LORENZ TIMOTHY JUDE ; PHAN DEAN ; PHAN DEAN V ; PHAN DEAN VAN ; POLAT OSMAN ; PROCTER AND GAMBLE ; TROKHAN PAUL DENNIS ; TROKHAN PAUL D ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):[std]**:** DEAN VAN PHAN ; DENNIS POLAT OSMAN LORENZ TIMO ; DENNIS TROKHAN PAUL ; JUDE LORENZ TIMOTHY ; LORENZ TIMOTHY ; LORENZ TIMOTHY J ; LORENZ TIMOTHY JUDE POLAT OSMA ; OSMAN POLAT ; OSMAN TROKHAN PAUL DENNIS PHAN ; PAUL DENNIS TROKHAN ; PHAN DEAN V ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN TROK ; TIMOTHY JUDE LORENZ ; TROKHAN PAUL ; TROKHAN PAUL D ; TROKHAN PAUL DENNIS PHAN DEAN VAN POLAT OSMAN ; TROKHAN PAUL DENNIS ; POLAT OSMAN ; PHAN DEAN VAN ; PHAN DEAN ; LORENZ TIMOTHY JUDE

Inventor(s): TROKHAN PAUL DENNIS HAMILTON ; DEAN VAN ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN TROKHAN PAUL DENNIS ; POLAT OSMAN LORENZ TIMOTHY JUDE PHAN DEAN VAN... ; POLAT OSMAN MONTGOMERY ; PHAN DEAN VAN WEST CHESTER ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL DENNI ; LORENZ TIMOTHY JUDE POLAT OSMAN TROKHAN PAUL DENNIS PHAN DEAN VAN ; LORENZ TIMOTHY JUDE CINCINNATI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B29C59/04 B31F1/00 B31F1/12 B32B21/10 B32B5/26 D04H1/00 D04H1/70 D04H13/00 D04H3/00 D04H5/00 D21F1/10 D21F11/00 D21F11/02 D21F11/04 D21F11/08 D21F11/14 D21F13/00 D21F7/08 D21H13/00 D21H13/10 D21H27/00 D21H27/02 D21H27/30 D21H27/38 (Advanced/Invention); D21H13/10 D21H13/24 D21H15/10 (Advanced/Non–invention); B31F1/00 D04H1/00 D04H13/00 D04H3/00 D04H5/00 D21F1/10 D21F11/00 D21F13/00 D21F7/08 D21H13/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); D21H13/00 D21H15/00 (Core/Non–invention)

International class (IPC 1–7): B32B5/26 D04H1/00 D04H13/00 D04H3/00 D04H5/00 D21F11/00 D21F11/04 D21F11/14 D21H13/10 D21H27/30

CPC: D21F11/14 D21H15/10 D21H13/24 Y10T428/24479 Y10T156/1023 D21H27/38 D21F11/04 D21H13/00 D21F11/006 D21H13/10 Y10T442/60 Y10T442/107 Y10T442/133 Y10T442/14 Y10T442/153 Y10T442/159 Y10T442/3707 Y10T442/668 Y10T442/669

European class: D21F11/00E D21F11/04 D21F11/14 D21H13/10 D21H27/38 N21H13/00 N21H13/10 N21H13/24 N21H15/10

US class: 156/209 156/242 156/242S 156/285 156/285S 156/62.2 156/62.200P 162/109 162/109S 162/111 162/111S 162/113 162/116 162/117 162/117S 162/123 162/125 162/129 162/13 162/130 162/130S 162/146 162/157.1 162/157.2 162/157.3 162/157.6 162/205 162/206 162/211 264/113 264/113S 264/518 264/518S 428/156 442/2 442/20 442/20S 442/24 442/24S 442/268 442/268S 442/32 442/327 442/32P 442/32S 442/35 442/35S 442/389 442/389S 442/390 442/390P 442/5 442/5S

Classification Explorer

Cited documents: WO9314267 A1, WO04072373 A1, WO04072372 A1, WO0039394 A1, WO0020675 A1, US7354502 BB, US7214293 BB, US7156953 BB, US7067038 BB, US7058580 BB, US7052580 BB, US7045026 BB, US7041196 BB, US6887350 BB, US6861380 BB, US6861380 BA, US6861380 B1, US6849156 BB, US6841038 BB, US6841038 BA, US6841038 B1, US6808595 BA, US6752905 BB, US6752805 BB, US6617490 BA, US6576091 BA, US6576090 BA, US6548731 BB, US6534151 BB, US6534151 BA, US6534151 B1, US6518479 BA, US6451099 BA, US6368609 BA, US6361654 BA, US6328850 BA, US6277241 BA, US6241850 BA, US6214146 BA, US6207012 BA, US6193847 BA, US6171447 BA, US6171447 B1, US6171442 BA, US6171442 B1, US6139686 A, US6129815 A, US6117270 A, US6110848 A, US6110324 A, US6103061 A, US6100848 A, US6060149 A, US6039839 A, US6030690 A, US6017417 A, US5990377 A, US5989682 A, US5972813 A, US5961757 A, US5935880 A, US5916507 A, US5906710 A, US5893965 A, US5888347 A, US5885421 A, US5861082 A, US5855739 A, US5846379 A, US5843279 A, US5830321 A, US5817377 A, US5814190 A, US5804036 A, US5795440 A, US5776311 A, US5776307 A, US5746887 A, US5744007 A, US5743279 A, US5741402 A, US5718806 A, US5709775 A, US5693187 A, US5674663 A, US5672248 A, US5667636 A, US5654076 A, US5643653 A, US5637194 A, US5629052 A, US5624790 A, US5614061 A, US5609725 A, US5582685 A, US5580423 A, US5575874 A, US5569358 A, US5566724 A, US5556509 A, US5554467 A, US5549790 A, US5538595 A, US5534362 A, US5534326 A, US5529664 A, US5527428 A, US5516580 A, US5514523 A, US5503715 A, US5500277 A, US5496624 A, US5494554 A, US5443691 A, US5429686 A, US5425987 A, US5409572 A, US5405499 A, US5405199 A, US5389202 A, US5364504 A, US5350624 A, US5334289 A, US5328565 A, US5294475 A, US5284703 A, US5277761 A, US5260171 A, US5245025 A, US5204173 A, US5180620 A, US5179729 A, US5178729 A, US5167765 A, US5167764 A, US5102501 A, US5098522 A, US5094717 A, US4942077 A, US4919756 A, US4808467 A, US4755421 A, US4741941 A, US4637859 A, US4529480 A, US4528239 A, US4514345 A, US4487796 A, US4486268 A, US4440697 A, US4440597 A, US4300981 A, US4239065 A, US4208459 A, US4202959 A, US4191609 A, US4166001 A, US4012281 A, US3994771 A, US3984898 A, US3974025 A, US3947315 A, US3879257 A, US3821068 A, US3812000 A, US3573164 A, US3558429 A, US3556907 A, US3473576 A, US3414459 A, US3301746 A, US3116199

A, US3034180 A, US2999788 A, US2113431 A, US2007232180 AA, US2006180287 AA, US2006175030 AA, US2006108047 AA, US2006108046 AA, US2004157767 AA, US2004157524 AA, US2004157515 AA, US2004154769 AA, US2004154768 AA, US2004154767 AA, US2004154763 AA, US2004112558 AA, US2004087237 AA, US2004079500 AA, US2003180287 AA, US2002180092 AA, US2002170690 AA, US2002155772 AA, US2002112830 AA, US2002018092 AA, US2002007169 AA, US2001024716 AA, JP9506937, JP7502077, JP56159400, JP2002360476, JP2001521590, JP11514052, JP10508662, EP1236827 A1, EP0616074 A1, EP0080382 B1, EP0080382,

0) US2003130641A – ABSORBENT GARMENT HAVING A WEAKENED REGION

66) Family number: 28826421 (US2003130641A) © PatBase

Title: ABSORBENT GARMENT HAVING A WEAKENED REGION

Priority: US20010032701 20011228 WO2002US39575 20021210

Family:

Publication number	Publication date	Application number	Application date
AR038069 AA	20041222	AR2002P105099	20021226
AU2002363988 AA	20030724	AU20020363988	20021210
BRPI0214591 A	20060606	BR2002PI14591	20021210
CA2470418 AA	20040621	CA20022470418	20021210
CN1607931 A	20050420	CN20028026175	20021210
EP1458322 A2	20040922	EP20020798506	20021210
IL161947 A0	20051120	IL20020161947	20021210
JP2005532084 T2	20051027	JP20030557462T	20021210
KR20040068349 A	20040730	KR20047010085	20021210
MXPA04006213 A1	20041101	MX2004PA06213	20021210
RU2004123254 A	20050520	RU20040123254	20021210
TW200400022 A	20040101	TW20020137494	20021226
TWI220649 B	20040901	TW20020137494	20021226
US2003130641 AA	20030710	US20010032701	20011228
WO03057102 A2	20030717	WO2002US39575	20021210
WO03057102 A3	20031030	WO2002US39575	20021210

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC

Assignee(s): RICHLEN SANDRA A ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; VAN GOMPEL PAUL T ; GOMPEL PAUL T VAN

Inventor(s):(std)**:** RICHLEN SANDRA A ; SANDRA A RICHLEN ; SCHMOKER SUZANNE ; SCHMOKER SUZANNE M ; GOMPEL PAUL T VAN ; GOMPEL PAUL VAN R ; VAN GOMPEL PAUL T ; SUZANNE SCHMOKER ; SCHMOKER SUZANNE MARIE ; GOMPEL PAUL THEODORE VAN

Inventor(s): SANDRA A.RICHLEN ; PAUL THEODORE VAN GOMPEL ; PAUL T. VAN GOMPEL ; SUZANNE MARIE SCHMOKER ; SUZANNE M SCHMOKER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44 (Advanced/Invention);
A61F13/15 A61F13/496 (Advanced/Non–invention);
A61F13/00 A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7):	A61F13/00 A61F13/15 A61F13/49 A61F13/496 A61F13/551 A61F13/56 A61F5/37 A61F5/44
CPC:	A61F13/15203 A61F13/496
European class:	A61F13/15J A61F13/496
US class:	604/385.01 604/385.010P 604/386 604/386S
Classification Explorer	
Cited documents:	WO9611656 A1, US6508797 BA, US6395211 BA, US6394991 BA, US6368689 BA, US6009558 A, US5989236 A, US5843057 A, US5704566 A, US5562964 A, US5074854 A, US4561579 A, US4217327 A, US3842838 A, US3835754 A, US2003132549 AA, EP0570980 A1, EP0187728 A2,

0) US2008245923A – MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS ...

67) Family number: 33602443 (US2008245923A) © PatBase

Title:	MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEBLIKE MATERIAL TOGETHER WITH A WINDING CORE AND ROLL THUS OBTAINED
Priority:	EP20060745305 20060427 IT2005FI00088 20050502 WO2006IT00287 20060427

Family:

Publication number	Publication date	Application number	Application date
DE602006034753 D1	20130418	DE200660034753T	20060427
EP1888441 A2	20080220	EP20060745305	20060427
EP1888441 B1	20130227	EP20060745305	20060427
ES2406057 T3	20130605	ES20060745305T	20060427
ITFI20050088 A1	20061103	IT2005FI00088	20050502
US2008245923 AA	20081009	US20060919674	20060427
US7887003 BB	20110215	US20060919674	20060427
WO06117820 A2	20061109	WO2006IT00287	20060427
WO06117820 A3	20070419	WO2006IT00287	20060427

Probable Assignee:	FABIO PERINI SPA
Assignee(s):(std):	BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA
Assignee(s):	FABIO PERINI S P A ; FABIO PERINI SPA
Inventor(s):(std):	BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO
Inventor(s):	MAZZACCHERINI GRAZIANO I 55016 PORCARI ; MADDALENI ROMANO I 56031 BIENTINA
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
International class (IPC 8–9):	B65H19/22 B65H19/26 B65H19/28 B65H35/02 B65H39/14 B65H75/18 (Advanced/Invention); B65H19/22 B65H75/18 (Core/Invention)
CPC:	B65H19/286 B65H19/2276 B65H19/2269 B65H19/267 B65H35/02 B65H39/14 B65H2301/41429 B65H2408/235 B65H2513/104 B65H2701/1846
European class:	B65H19/22B6 B65H19/22C B65H19/26C B65H35/02 B65H39/14 L65H301/41429 L65H408/235 L65H513/104 L65H701/1846
US class:	242/532.3 242/535.1 242/610.1 242/610.100P

Classification Explorer

Cited documents: US6695458 BB, US6595458 BA, US6394385 BA, US5979818 A, US5873806 A, US5468207 A, US5344091 A, US4807825 A, US3942418 A, US3636827 A, US3220320 A, US3150575 A, US3013367 A, US2003116674 AA, EP0639520 A1,

0) US2004162539A – INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

68) Family number: 33495772 (US2004162539A) © PatBase

Title: INDIVIDUAL PAD INDIVIDUAL PACKAGING VESSEL

Priority: JP20010152403 20010522 JP20020016191 20020124 WO2002JP04882 20020521

Family:

Publication number	Publication date	Application number	Application date
AT469625 E	20100615	AT20020771743T	20020521
AU2002308831 AA	20021203	AU20020308831	20020521
BRPI0210038 A	20040504	BR2002PI10038	20020521
BRPI0210038 B1	20111129	BR2002PI10038	20020521
CA2446002 AA	20031030	CA20022446002	20020521
DE60236598 D1	20100715	DE20026036598	20020521
EP1413272 A1	20040428	EP20020771743	20020521
EP1413272 A4	20041006	EP20020771743	20020521
EP1413272 B1	20100602	EP20020771743	20020521
EP1413272 B9	20100922	EP20020771743	20020521
HK1068242 A1	20070601	HK20050100518	20050120
HK1068242 A3	20050429	HK20050100518	20050120
IN01431KN2003 A	20060310	IN2003KN01431	20031106
IN225418 B	20081114	IN2003KN01431	20031106
JP2002094146 A1	20040902	JP20020590870T	20020521
JP4230779 B1	20090225	JP20020590870T	20020521
JP4230779 B2	20090225	JP20020590870T	20020521
TH54226 A	20021129	TH20021001859	20020522
US2004162539 AA	20040819	US20030705673	20031110
US7601146 BB	20091013	US20030705673	20031110
VN7415 A1	20090126	VN20030000985	20020521

Probable Assignee: UNI CHARM CORP

Assignee(s):(std)**:** UNI CHARM CORP

Assignee(s): YAMAKI KOICHI ; MIZUTANI SATOSHI ; NODA YUKI ; SAKAI AKANE ; TOKUMOTO MEGUMI ; UNI CHARM CO LTD

Inventor(s):(std)**:** YUKI NODA ; YAMAKI KOICHI ; TOKUMOTO MEGUMI ; SATOSHI MIZUTANI ; SAKAI AKANE ; NODA YUKI ; MIZUTANI SATOSHI ; MEGUMI TOKUMOTO ; KOICHI YAMAKI ; AKANE SAKAI ; YAMAKI K ; TOKUMOTO M ; MIZUTANI S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/20 A61F13/472 A61F13/551 A61F13/56 A61F13/82 A61F13/84 A61F15/00 (Advanced/Invention);
A61F13/472 (Advanced/Non–invention);
A61F13/15 A61F13/56 A61F15/00 (Core/Invention);
A61F (Subclass/Invention)

International class (IPC 1–7): A61F13/15 A61F13/20 A61F13/472 A61F13/551

CPC: A61F13/15252 A61F13/4702 A61F13/4704 A61F13/55165 A61F13/5517 A61F13/5519 A61F2013/15235 A61F2013/15357 A61F2013/53445 A61F2013/8497

European class: A61F13/15B1B A61F13/15B1B3 A61F13/15E2 A61F13/15H A61F13/15J A61F13/551D2 A61F13/551D4 A61F13/551H K61F13/15J2E K61F13/15J4 K61F13/15J8C K61F13/47A K61F13/47B K61F13/534C K61F13/84G

US class: 604/385.01 604/385.02 604/385.020P 604/385.03 604/385.17 604/387

Classification Explorer

Cited documents: WO9956689 A1, WO9956681 A2, WO9926575 A1, WO9926574 A1, WO9925295 A1, WO99026575, WO99026574, WO99025295, WO9901096 A1, WO9901093 A1, WO99001096, WO9602217 A1, WO9517148 A2, WO9500094 A1, WO9422405 A1, WO9211825 A1, WO0147458 A1, WO0040192 A1, USD404814 S1, US6918392 BB, US6698928 BB, US6687911 BB, US6309104 BA, US6183457 BA, US6131736 B1, US6131736 A, US6131736, US6131575 A, US6036679 A, US5916205 A, US5891126 A, US5868727 A, US5839648 A, US5025503 A, US4735316 B1, US4735316 A, US4677697 A, US4595932 A, US4595392 A, US4556146 A, US2001049838 AA, US1587280 A, TW524677 B, TW524677, TW470640 B, TW470640, TW454503 B, TW454503, TW450802 B, TW450802, TW442278 B, TW442278, TW416847 B, TW416847, TW394681 B, TW394681, TW386872 B, TW386872, TW386060 B, TW386060, TW338315 B, TW338315, TW294591 B, TW294591, TW247431 B, TW247431, JP8215242 A2, JP8215242 A1, JP8047506 A2, JP8047506 A1, JP8047506, JP7323045 A2, JP7323045, JP7096001 A2, JP7096001 A1, JP7096001, JP6506368 T2, JP6506368 A1, JP640203, JP63260556 A2, JP63154023 U1, JP63154023 U, JP63154023 U, JP62009450 A2, JP62009450 A1, JP61232845 A2, JP61232845 A1, JP61164974 A2, JP61164974, JP61108258 A2, JP6040203 A2, JP5293138 A2, JP5237151 A2, JP493722, JP49003722 A2, JP356366, JP3056366 A2, JP2534163 B2, JP2534163, JP2002513633 T2, JP2002513633 A1, JP2001509402 T2, JP2001087306 A2, JP2001087306, JP2000051267 A2, JP11104167 A2, JP11104167 A1, JP11104167, JP10127688 A2, JP10127688 A1, JP10127688, FR2703244 A1, EP0888764 A1, CN1268040 A,

0) US2008271864A – SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING A...

69) Family number: 42458977 (US2008271864A) © PatBase

Title: SOFT TISSUE PAPER HAVING A CHEMICAL SOFTENING AGENT APPLIED ONTO A SURFACE THEREOF

Priority: US20070799890 20070503 US20070982611 20071102 WO2008IB51642 20080428 WO2008IB51643 20080428

Family:

Publication number	Publication date	Application number	Application date
CA2686724 AA	20091029	CA20082686724	20080428
CA2686793 AA	20091106	CA20082686793	20080428
MX2009011279 A1	20091030	MX20090011279	20080428
MX2009012001 A1	20091119	MX20090012001	20080428
US2008271864 AA	20081106	US20070982611	20071102
US2008271867 AA	20081106	US20070799890	20070503
WO08135900 A2	20081113	WO2008IB51642	20080428
WO08135900 A3	20090409	WO2008IB51642	20080428
WO08135901 A2	20081113	WO2008IB51643	20080428
WO08135901 A3	20090409	WO2008IB51643	20080428

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std): DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER and GAMBLE COMPANY

Inventor(s):(std)**:** DONNER CHRISTOPHER GERALD ; MANIFOLD JOHN ALLEN

Inventor(s): CHRISTOPHER GERALD DONNER ; JOHN ALLEN MANIFOLD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H11/00 D21H17/13 D21H17/45 D21H21/14 D21H21/22 (Advanced/Invention); D21H11/00 D21H17/00 D21H21/14 D21H21/22 (Core/Invention)

CPC: D21H17/07 D21H21/22 D21H21/24 D21H23/50 D21H27/002 D21H19/12 D21H19/32 D21H27/005 D21H27/30

European class: D21H21/22 D21H27/00D2B D21H27/30 N21H17/07 N21H19/12 N21H19/32 N21H21/24 N21H23/50 N21H27/00D

US class: 162/158 162/181.1 162/181.6

Classification Explorer

Cited documents: WO9619616 A1, WO07025095 A1, WO04035923 A2, WO0248458 A1, WO0022233 A1, WO0022231 A1, US7432309 BB, US7311853 BB, US6872342 BB, US6755939 BB, US6706410 BB, US6607637 BA, US6547928 BB, US6420013 BA, US6179961 BA, US6162329 A, US6126784 A, US5814188 A, US5611890 A, US5552020 A, US5543067 A, US5538595 A, US5529665 A, US5525345 A, US5510000 A, US5415737 A, US5246545 A, US5215626 A, US5059282 A, US4981557 A, US4364837 A, US4300981 A, US4166001 A, US3994771 A, US3964500 A, US2826551 A, US2004082668 AA, US2004057982 AA, US2003127206 AA,

0) US2005167061A – PAPER MACHINE DEWATERING SYSTEM

70) Family number: 32122863 (US2005167061A) © PatBase

Title: PAPER MACHINE DEWATERING SYSTEM

Priority:

CA20052554365	20050119	CA20052771007	20050119	CA20052804938	20050119
EP20050701545	20050119	US20040581500P	20040621	US20040768423	20040130
US20040580663P	20040617	US20040581500P	20040617	CA20122554365	20120326
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Family:

Publication number	Publication date	Application number	Application date
BRPI0506499 A	20070403	BR2005PI06499	20050119
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US8236140 BB	20120807	US20100731737	20100325
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WO05075736 A3	20051006	WO2005EP50198	20050119

Probable Assignee: VOITH PATENT GMBH

Assignee(s):(std)**:** FOJT PATENT GMBKH ; HERMAN JEFFREY ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; VOITH FABRICS PATENT GMBH ; WALKENHAUS HUBERT ; SILVA LUIZ CARLOS ; VOITH PATENT GMBH ; VOITH PAPER PATENT GMBH ; SILVA LUIS CARLOS

Inventor(s):(std)**:** CARLOS SILVA LUIZ ; CARLOS THOMAS SCHERB THOR E WA ; HERMAN JEFFREY ; HUBERT WALKENHAUS ; JEFFREY HERMAN ; LUIZ CARLOS SILVA ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; SILVA LUIZ CARLOS ; THOMAS SCHERB THOR E ; WALKENHAUS HUBERT ; VAL KENKHAUS KHUBERT ; SILVA LUIS KARLOS ; SHERB TOMAS TORE ; KHERMAN DZHEFFRI ; SILVA LUIS CARLOS ; SCHERB THOMAS

Inventor(s): THOMAS THOROEE SCHERB ; THOMAS SCHERB THOR E WALKENHAUS HUBERT HERMAN JEFF ; VAL'KENKHAUS KHUBERT ; THOMAS SCHERB THOR 247 E ; SILVA LUIZ ; SILVA LUIS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9)**:** B30B5/04 B30B9/24 B32B25/10 D04H1/46 D06F58/00 D21F1/00 D21F1/10 D21F1/48 D21F11/00 D21F3/00 D21F3/02 D21F3/04 D21F3/08 D21F3/10 D21F5/00 D21F5/02 D21F5/14 D21F5/18 D21F7/08 D21F7/12 D21G9/00 F26B13/26 F26B13/30 F26B3/00 F26B9/00 (Advanced/Invention); B30B5/00 B32B25/00 D04H1/46 D06F58/00 D21F1/00 D21F1/48 D21F11/00 D21F3/00

D21F3/02 D21F5/00 D21F7/08 F26B13/00 F26B3/00 F26B9/00 (Core/Invention)

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CPC: D21F1/0036 D21F1/0063 D21F1/0072 D21F1/48 D21F3/0209 D21F3/0227 D21F3/0272 D21F7/083 Y10S162/90 Y10S162/901 Y10S162/902 D21F5/182 D21F5/184 D21F11/006 F26B13/16 F26B13/103 F26B13/28

European class: D21F1/00E2 D21F1/00E4 D21F1/00E5 D21F1/48 D21F11/00E D21F3/02B D21F3/02B2B D21F3/02C D21F5/18B D21F5/18B2 D21F7/08B F26B13/10B F26B13/16 F26B13/24

US class: 100/118 100/151 100/153 162/115 162/117 162/204 162/205 162/206 162/207 162/210 162/217 162/289 162/289S 162/297 162/297S 162/348 162/358.1 162/358.100S 162/358.2 162/358.200S 162/358.3 162/358.300P 162/358.4 162/358.400P 162/358.5 162/363 162/364 162/368 162/900 162/901 162/902 264/171.24 264/171.240S 28/107 28/107S 34/114 34/115 34/116 34/118 34/118S 34/122 34/123 34/130 34/399 34/400 34/406 34/444 34/452 34/453 34/453P 34/618 34/618S 34/635 34/92 34/92S 34/95

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0) US2002122953A – MODIFIED RUBBER–BASED ADHESIVES

71) Family number: 30274229 (US2002122953A) © PatBase

Title: MODIFIED RUBBER–BASED ADHESIVES

Priority:

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Family:

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Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE ; KIMBERLY CLARK WORLDWIDE INC ; ZHOU PEIGUANG ; BLENKE TIMOTHY J ; BLENKE TIMOTHY JAMES ; GARRETT LANCE J

Inventor(s):(std)**:** BLENKE TIMOTHY J ; GARRETT LANCE J ; GARRETT LANCE J JR ; KIMBERLY CLARK WORLDWIDE INC ; PEIGUANG ZHOU ; TIMOTHY JAMES BLENKE ; ZHOU PEIGUANG ; ZHOU PEIGUNG ; GARRETT JR LANCE J ; BLENKE TIMOTHY JAMES

Inventor(s): BLENKE TIMOTHY ; LANCE J GARRETT ; LANCE J GARRETT JR ; LANCE J JR GARRETT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW

HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61L15/58 B32B15/04 B32B25/04 B32B27/04 B32B27/06 B32B27/08 B32B27/12 B32B27/32 B32B3/00 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08F10/00 C08F8/00 C08L23/00 C08L23/04 C08L23/06 C08L23/10 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J153/00 C09J153/02 D04H13/00 D04H3/16 (Advanced/Invention); A61L15/58 B32B37/12 C09J121/00 (Advanced/Non–invention); B32B25/00 B32B27/08 B32B27/32 B32B5/02 B32B5/04 B32B5/22 B32B7/12 C08F8/00 C08L23/00 C09J121/00 C09J123/00 C09J153/00 D04H3/16 (Core/Invention); B32B37/12 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/20 B29C31/00 B32B1/00 B32B15/08 B32B23/08 B32B25/04 B32B25/04 B32B27/00 B32B27/02 B32B27/08 B32B27/12 B32B27/30 B32B27/32 B32B3/00 B32B31/00 B32B31/08 B32B5/02 B32B5/04 B32B5/04 B32B5/06 B32B5/26 B32B9/04 B65H81/00 C08J3/00 C08K3/26 C08L15/00 C08L23/00 C08L23/04 C08L23/10 C08L25/08 C08L51/08 C08L91/08 C09J121/00 C09J123/00 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J123/22 C09J153/00

CPC: Y10T428/27 Y10T428/273 Y10T428/28 Y10T428/192 B32B27/32 C08L23/06 C09J123/06 C09J123/20 C09J123/16 Y10T428/31855 Y10T428/31917 Y10T428/31931 Y10T428/31938 Y10T442/681 Y10T428/31659 Y10T428/31681 Y10T428/31692 Y10T442/601 Y10T442/659 Y10T442/668 Y10T442/671 Y10T428/3188 Y10T428/31913 Y10T442/20 Y10T442/2361 Y10T442/2738 Y10T442/2746 Y10T442/277 Y10T442/2861 Y10T442/2893 Y10T442/291 Y10T442/2918 Y10T442/3667 Y10T442/3707 Y10T442/3854 Y10T442/60 Y10T442/66 Y10T442/674 Y10T442/2754 Y10T442/2787 B32B5/02 B32B25/04 B32B37/12 B32B2307/51 C08L23/10 C08L2205/02 C08L2207/14 C09J123/02 C09J123/10 C09J123/12 C09J123/14 C09J123/142 C09J153/02 B32B5/022 B32B5/024 B32B2305/188 B32B2323/043 B32B2323/10 B32B2325/00 B32B2437/00 B32B2555/02 B32B2323/04 B32B2375/00 B32B7/12 B32B5/04 B32B5/26 B32B2037/1215 B32B2305/20 C09J153/00

European class: B32B25/04 B32B27/32 B32B5/02 B32B5/04 B32B5/26 B32B7/12 C08L23/06 C08L23/10 C09J123/02 C09J123/06 C09J123/10 C09J123/12 C09J123/14 C09J123/14A C09J123/16 C09J123/20 C09J153/00 C09J153/02 L32B305/20 L32B307/510 L32B31/00A8B L32B37/12 L32B37/12B2 M08L205/02 M08L207/14 M08L23/06 M08L23/10

US class: 156/161 156/161S 156/164 156/164S 156/229 156/229S 156/289 156/292 156/327 156/334 156/358 428/340 428/340P 428/341 428/341S 428/343 428/445 428/458 428/461 428/500 428/500P 428/500S 428/507 428/507S 428/516 428/516S 428/517 428/517P 428/521 428/521S 428/523 428/523P 428/523S 428/58 442/103 442/149 442/150 442/151 442/153 442/155 442/164 442/168 442/170 442/171 442/263 442/268 442/286 442/327 442/327P 442/328 442/381 442/382 442/389 442/392 442/394 442/401 442/59 442/59P 523/111 523/176 524/425 524/477 524/478 524/584 524/584S 525/191 525/24 525/240 525/240P 525/240S 525/241 525/241S 525/35 525/55 525/55S 525/63 525/63S 604/366 604/366P 604/367 604/37 604/370 604/370S 604/372 604/374 604/385.22 604/385.220S 604/385.24 604/385.240S

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0) US2002148584A – WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBE...

72) Family number: 28322066 (US2002148584A) © PatBase

Title: WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBENT SHEET AND NOVEL FIBROUS PRODUCTS

Priority:

CA20022367616	20020111	CA20102367616	20100928	US20060548014	20061010
US20040806792	20040323	US20020042513	20020109	US20010261879P	20010112

Family:

Publication number	Publication date	Application number	Application date
CA2367616 AA	20020712	CA20022367616	20020111
CA2367616 C	20101221	CA20022367616	20020111
CA2713301 AA	20020712	CA20022713301	20020111
CA2713301 C	20150922	CA20022713301	20020111
US2002148584 AA	20021017	US20020042513	20020109
US2004226673 AA	20041118	US20040806792	20040323
US2007107863 AA	20070517	US20060548014	20061010
US6752907 BB	20040622	US20020042513	20020109
US7160418 BB	20070109	US20040806792	20040323
US7691228 BB	20100406	US20060548014	20061010

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; GEORGIA PACIFIC CONSUMER PROD ; WENDT GREG A ; SUPER GUY H ; WORRY GARY L ; WIELEN MICHAEL J VANDER

Assignee(s):

GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; MCDOWELL JEFFREY C ; MCCULLOUGH STEPHEN J ; VANDER WIELEN MICHAEL J ; MARINACK ROBERT J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; EDWARDS STEVEN L ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** EDWARDS STEVEN L ; MARINACK ROBERT J ; MCCULLOUGH STEPHEN J ; MCDOWELL JEFFREY C ; SUPER GUY H ; VANDER WIELEN MICHAEL J ; WENDT GREG A ; WORRY GARY L ; WIELEN MICHAEL J VANDER

Inventor(s): WORRY GARY ; WENDT GREG ; VANDER WIELEN MICHAEL ; SUPER GUY ; MCDOWELL JEFFREY ; MCCULLOUGH STEPHEN ; MARINACK ROBERT ; EDWARDS STEVEN

International class (IPC 8–9): A47K10/16 B31F1/12 B31F1/14 B31F1/16 D21F11/14 D21F3/02 D21F5/02 D21F5/06 D21F5/18 D21F9/00 D21G9/00 D21H11/14 D21H15/00 D21H25/00 D21H27/14 D21H27/40 (Advanced/Invention); D21H27/14 (Advanced/Non–invention)

International class (IPC 1–7): D21F5/00 D21F5/02 D21F5/08 D21F5/18 D21H25/10 D21H27/00

CPC: Y10T428/24455 D21F11/14 D21F3/0218 D21F5/181 D21F5/182 D21F11/145 D21G3/04 D21G9/0063 D21H25/005

European class: D21F11/14 D21F11/14B D21F3/02B2 D21F5/18A D21F5/18B D21G3/04 D21G9/00C D21H25/00B N21H25/00B

US class: 162/100 162/100S 162/109 162/111 162/111S 162/115 162/141 162/141S 162/146 162/146S 162/147 162/147S 162/204 162/207 162/207S 428/153 428/153S

Classification Explorer

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0) US2011134651A – RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN...

73) Family number: 48241988 (US2011134651A) © PatBase

Title: RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN INSULATED ROOF PANELS

Priority:

US20020416666P	20021007	US20030679682	20031006	US20030679862	20031006
US20040563519P	20040419	US20040562025P	20040414	US20050101014	20050406
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US20050104014	20050412	US20060451111	20060612	US20060808863P	20060526
US20050673492P	20050421	US20050693699P	20050624	US20090351581F	20091208
US20100311475P	20100308	US20100942233	20101109	US20090319508	20090108
US20070804246	20070516	US20120402003	20120222	US20120402040	20120222

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US20100924233	20100923	US20140540193	20141113		

Family:

Publication number	Publication date	Application number	Application date
US2011134651 AA	20110609	US20100942233	20101109
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US2012145343 AA	20120614	US20120402040	20120222
US2012152475 AA	20120621	US20120402031	20120222
US2012160435 AA	20120628	US20120402119	20120222
US2012164407 AA	20120628	US20120402011	20120222
US2015068695 AA	20150312	US20140540193	20141113
US8394236 BB	20130312	US20120402003	20120222
US8398820 BB	20130319	US20120402031	20120222
US8603296 BB	20131210	US20120402119	20120222
US8673115 BB	20140318	US20120402040	20120222
US8911592 BB	20141216	US20120402011	20120222
US8950908 BB	20150210	US20100942233	20101109
US9279219 BB	20160308	US20140540193	20141113
USD632417 S1	20110208	US20090351581F	20091208

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERMAN DANIEL J ; BERMAN DANIEL JOSEPH ; CHOU HUNG LIANG ; DWIGGINS JOHN H ; EDWARDS STEVEN L ; GEORGIA PACIFIC CONSUMER PROD ; YEH KANG CHANG ; SUPER GUY H ; HARPER FRANK D ; MCCULLOUGH STEPHEN J ; REEB RONALD R

Assignee(s): EURAMAX INT INC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP

Inventor(s):(std)**:** BERMAN DANIEL JOSEPH ; YEH KANG CHANG ; SUPER GUY H ; REEB RONALD R ; MCCULLOUGH STEPHEN J ; HARPER FRANK D ; EDWARDS STEVEN L ; DWIGGINS JOHN H ; CHOU HUNG LIANG ; BERMAN DANIEL J

International class (IPC 8–9): B31F1/07 B31F1/12 B31F1/16 B32B3/10 D21F11/00 D21H11/00 D21H27/00 D21H27/30 D21H27/32 F21S8/02 F21V15/00 F21V15/01 F21V17/00 G09F7/18 (Advanced/Invention)

CPC: F21V15/013 F21S8/02 D21H27/30 D21H27/007 D21H27/005 Y10T428/24455 Y10T428/24479 Y10T428/24851

European class: D21H27/00D2B F21S8/02 F21V15/01E

US class: 1/1 156/183 162/100 162/100S 162/109 162/111 162/117 162/123 162/124 162/147 162/149 162/158 162/164.1 162/168.3 162/178 162/193 162/205 220/3.7 220/477 248/342 248/343 264/282 312/223.5 362/147 362/148 362/150 362/217.1 362/217.11 362/217.12 362/217.13 362/217.14 362/217.15 362/217.16 362/217.17 362/362 362/364 362/365 362/365P 362/374 362/648 428/153 428/156 428/201 428/201P 52/220.1 52/39 D26/74

Locarno class: 26/05

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US2009242154 AA, US2009159223 AA, US2009126884 AA, US2009120598 AA, US2009056893 AA, US2009038768 AA, US2009020248 AA, US2009020139 AA, US2008264589 AA,

US2008245492 AA, US2008236772 AA, US2008174993 AA, US2008173419 AA, US2008099169 AA, US2008083519 AA, US2008047675 AA, US2008035288 AA, US2008029235 AA, US2008008865 AA, US2008008860 AA, US2007204966 AA, US2007137807 AA, US2007107863 AA, US2007054986 AA, US2006289134 AA, US2006289133 AA, US2006245178 AA, US2006237154 AA, US2006062936 AA, US2006000567 AA, US2005279471 AA, US2005245669 AA, US2005241787 AA, US2005241786 AA, US2005236122 AA, US2005217814 AA, US2005201094 AA, US2005028954 AA, US2005006040 AA, US2004250969 AA, US2004238135 AA, US2004226673 AA, US2004211534 AA, US2004089168 AA, US2004074617 AA, US2004002502 AA, US2003153443 AA, US2003146581 AA, US2003121626 AA, US2003111195 AA, US2003102098 AA, US2003098134 AA, US2003056925 AA, US2003056923 AA, US2003056922 AA, US2003056921 AA, US2003056919 AA, US2003021952 AA, US2003000664 AA, US2002189775 AA, US2002187307 AA, US2002148584 AA, US2002134520 AA, US2002088577 AA, US2002062936 AA, US2002060036 AA, US2002005264 AA, US2001008180 AA, SU1771983 T, SU1601274 T, RU2182198 C2, RU2182198 C1, RU2141546 C1, RU1771983, JP2002292835 A2, EP1398413 A2, EP1356923 A1, EP0098683 A2, CA2053505,

0) US2013277388A – TISSUE PAPER SYSTEMS

74) Family number: 50950076 (US2013277388A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362449 AA	20120419	AU20100362449	20101011
CN103249342 A	20130814	CN201080070587	20101011
EP2627231 A1	20130821	EP20100768001	20101011
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MX2013003950 A1	20130605	MX20130003950	20101011
RU2013121580 A	20141120	RU20130121580	20101011
TN2013000124 A1	20140625	TN20130000124	20130322
US2013277388 AA	20131024	US20100878899	20101011
WO12048726 A1	20120419	WO2010EP65195	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): RALPH BREMENKAMP ; MARCEL SCHMIDT ; BERTOLD ENGLER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

CPC: A47K10/42 A47K10/424 B65D5/5425 B65D83/0805

European class: A47K10/42C B65D5/54B3B B65D83/08B

US class: 221/306

Classification Explorer

Cited documents: WO07130439 A2, WO0061458 A1, US7850038 BB, US7530472 BB, US5642836 A, US4416392 A, US3836044 A, US2013020346 AA, US2006054517 AA, US2005279757 AA, JP2006027694 A2, CN2803237 Y,

0) US2012160400A – METHOD OF INDIRECT APPLICATION OF FROTHED CHEMI...

75) Family number: 51344701 (US2012160400A) © PatBase

Title: METHOD OF INDIRECT APPLICATION OF FROTHED CHEMISTRY TO A SUBSTRATE

Priority:

AU20110350703	20111221	AU20170202144	20170331	US20100979852	20101228
US20110330440	20111219	US20110330504	20111219	US20120461536	20120501
US20120481366	20120525	WO2011IB55867	20111221	WO2011IB55865	20111221
US20120718709	20121218	US20130106101	20131213	US20130109632	20131217
WO2013IB52826	20130409	US20140575502	20141218	WO2013IB60305	20131121
WO2014IB66598	20141204	WO2014IB66600	20141204		

Family:

Publication number	Publication date	Application number	Application date
AU2011350703 AA	20120705	AU20110350703	20111221
AU2011350704 AA	20120705	AU20110350704	20111221
AU2013264859 AA	20131128	AU20130264859	20130409
AU2013264859 BB	20160526	AU20130264859	20130409
AU2013365884 AA	20140626	AU20130365884	20131121
AU2014363016 AA	20150618	AU20140363016	20141204
AU2014369303 AA	20150625	AU20140369303	20141204
AU2017202144 AA	20170420	AU20170202144	20170331
BR112013016334 A2	20161004	BR20131116334	20111221
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CN104349796 A	20150211	CN201380027492	20130409
CN104349796 B	20170811	CN201380027492	20130409
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CN105793481 A	20160720	CN201480065001	20141204
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MX2013007110 A1	20130815	MX20130007110	20111221	
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MX2015007369 A1	20151014	MX20150007369	20131121	
MX2016007363 A1	20160819	MX20160007363	20141204	
MX2016007471 A1	20160803	MX20160007471	20141204	
RU2013133791 A	20150210	RU20130133791	20111221	
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RU2624510 C2	20170704	RU20140149680	20130409	
US2012160400 AA	20120628	US20100979852	20101228	
US2012164200 AA	20120628	US20110330440	20111219	
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US2015140273 AA	20150521	US20140575502	20141218	
US8916012 BB	20141223	US20110330440	20111219	
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WO12090130 A3	20121122	WO2011IB55867	20111221	
WO13175322 A1	20131128	WO2013IB52826	20130409	
WO14097017 A1	20140626	WO2013IB60305	20131121	
WO15087215 A1	20150618	WO2014IB66598	20141204	
WO15092596 A1	20150625	WO2014IB66600	20141204	

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):[std]**:** ABUTO FRANK P ; CALEWARTS DEBORAH J ; CALEWARTS DEBORAH JOY ; CAMPBELL STEPHEN M ; DAY JENNY L ; KIMBERLY CLARK WORLDWIDE INC ; JURENA JEFFREY F ; DESAI KEYUR M ; JERENA JEFFREY F ; KIMBERLY CLARK CO ; JACKSON DAVID M ; KIMBERLY CLARK CORP ; KIMBERLY CLARK CO LTD ; KIMBERLI KLARK VORLDVAJD INK ; QIN JIAN ; WALDROUP DONALD E

Assignee(s): KIMBERY CLARK WORLDWIDE INC

Inventor(s):[std]**:** ABUTO FRANCIS P ; ABUTO FRANK P ; ABUTO FRANK PAUL ; ABUTO FRENK P ; ABUTO FRENSIS P ; BIGGS DAVID G ; DAVID G BIGGS ; DEBORAH JOY CALEWARTS ; DEJ DZHENNI L ; DESAJ KEYUR M ; DONALD EUGENE WALDROUP ; DZHURENA DZHEFFRI F ; FAULKS MICHAEL J ; KHAMMONDS IVETT L ; KRAUTKRAMER CANDACE D ; KRAUTKREMER KENDASI D ; LOJD EDRIENN R ; LOYD ADRIENNE R ; MICHAEL J FAULKS ; RAY A STERLING ; SHAWVER SUSAN E ; SHOUVER SYUZAN E ; TSIN TSZYAN ; UOLDROUP DONALD E ; UOLDRUP DONALD E ; VIRGINIA LEE DAY ; WALDROUP DONALD EUGENE ; HAMMONDS YVETTE L ; JABLONS DAVID M ; JIAN QIN ; KEJLUORTS DEBORA DZH ; KEYUR DESAI ; DAY JENNY L ; DAY VIRGINIA LEE ; STERLING RAY A ; JERENA JEFFREY F ; HAM

MONDS YVETTE L ; FRANK PAUL ABUTO ; DESAI KEYUR ; CAMPBELL STEPHEN M ; CALEWARTS DEBORAH JOY ; CALEWARTS DEBORAH ; CALE WARTS DEBORAH J ; WALDROUP DONALD E ; QIN JIAN ; JURENA JEFFREY F ; JACKSON DAVID M ; DESAI KEYUR M ; CALEWARTS DEBORAH J ; DAY JENNY

Inventor(s): CANDACE D KRAUTKRAMER ; ADRIENNE R LOYD ; DEBORAH CALEWARTS ; FRANCIS P ABUTO ; JENNY DAY ; DEBORAH J CALEWARTS ; KEYUR M DESAI ; JEFFREY F JURENA ; JENNY L DAY ; YVETTE L HAMMONDS ; SUSAN E SHAWVER ; FRANK P ABUTO ; DONALD E WALDROUP ; DAVID M JABLONS ; DAVID M JACKSON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/51 A61F13/514 A61F13/53 A61F13/84 A61K8/02 A61K8/04 A61K9/70 A61L15/22 A61L15/26 A61L15/42 A61L15/44 A61L15/46 B31F1/12 B32B27/12 B32B29/06 B32B3/10 B32B37/02 B32B37/12 B32B37/14 B32B38/00 B32B38/10 B32B5/02 B32B5/20 B32B5/24 D01F1/10 D04H1/413 D04H1/425 D04H1/4258 D04H1/4291 D04H1/4382 D04H1/46 D04H1/492 D04H1/498 D04H1/56 D04H1/587 D04H1/64 D04H1/68 D04H1/72 D04H1/74 D04H1/76 D04H11/00 D04H13/00 D04H3/08 D04H3/16 D04H5/03 D06M14/02 D06M15/21 D06M15/227 D06M15/263 D06M15/59 D06M17/00 D06M23/06 D06M23/12 D21F11/00 D21H21/14 (Advanced/Invention)

CPC: D04H5/03 D04H1/68 B32B5/02 B32B5/26 B32B7/04 B32B2250/02 B32B2262/0223 B32B2262/0269 B32B2262/04 B32B2262/062 B32B2262/067 A61F13/8405 B32B37/12 B32B38/145 B32B2305/20 B32B2307/51 B32B2307/75 B32B2555/00 D04H13/007 A61F13/51113 A61F13/51405 B31F1/14 D04H11/00 D04H3/08 D21F11/002 A61K8/8111 A61Q19/00 A61Q19/10 A61K8/39 A61K8/96 D06M23/12 D04H1/4326 D04H1/488 D04H1/552 D04H1/413 D04H1/72 A61K9/70 A61L15/24 A61F13/472 A61F13/49 A61F13/5116 A61F13/513 A61F13/52 A61F13/537 A61F13/53743 A61F2013/51059 A61F2013/51061 A61F2013/51117 A61F2013/51186 A61F2013/51338 A61F13/51121 D06M15/227 D06M15/263 D21H27/002 D21H27/005 A61K8/0208 A61K8/025 A61K8/027 A61K8/046 A61K2800/412 B32B5/022 B32B5/20 B32B2555/02 A61L15/22 A61F13/15 A61F13/51 A61F13/53 B32B3/10 D04H1/64 Y10T428/24446 Y10T428/24455 Y10T442/674 Y10T428/249924 Y10T442/681 Y10T442/689 Y10T428/23929 Y10T442/20 Y10T442/2139 Y10T442/277 D21H21/146 B31F1/12 D06M15/59 D10B2509/026 B32B5/245 A61F13/51401 D04H1/56 D04H1/587 B32B2262/0253 B32B2307/726 D04H3/16 D06M23/06 D06M15/233 D06M23/04 D06N3/0029 D06N3/0047 D06N2205/023 D06N2205/045 D04H1/76 D04H1/4291 D04H13/00 D06M13/17 D06N3/0045 D04H1/74 D06M15/21

European class: B31F1/14 B32B5/02 B32B5/02A B32B5/20 B32B5/24A B32B5/26 B32B7/04 D04H1/68 D04H5/03 L32B250/02 L32B262/02D L32B262/02J1 L32B262/04 L32B262/06A L32B262/06A2 L32B555/02

US class: 156/183 156/231 156/247 156/247S 162/111 424/402 424/402P 428/152 428/152S 428/153 428/153S 428/292.1 428/88 442/153 442/153S 442/394 442/394S 442/401 442/408 442/59 442/59S 442/76 442/76P 604/359 604/360 604/367

Classification Explorer

Cited documents: WO9422502 A1, WO13175322 A1, WO12090129 A2, WO12015624 A1, WO09045731 A3, WO09045731 A2, WO04069424 A2, WO04061185 A1, WO04061182 A1, WO0007045 A1, US8063128 BB, US8012285 BB, US7812062 BB, US7528080 BB, US7439276 BB, US7431771 BB, US7182837 BB, US7008889 BB, US6858256 BB, US6852196 BB, US6835418 BB, US6814806 BB, US6797319 BB, US6797116 BB, US6761800 BB, US6752907 BB, US6746976 BA, US6730171 BB, US6642430 BA, US6632974 BA, US6623837 BB, US6603054 BB, US6585855 BB, US6582555 BB, US6511734 BA, US6395088 BA, US6383960 BA, US6261679 BA, US6241713 BA, US6187138 BA, US5942085 A, US5843058 A, US5704101 A, US5700352 A, US5611890 A, US5527171 A, US5494744 A, US5429840 A, US5389202 A, US5382400 A, US4940513 A, US4755421 A, US4655056 A, US4640810 A, US4620983 A, US4559162 A, US4494278 A, US4488928 A, US4483894 A, US4448818 A, US4422892 A, US4402200 A, US4375448 A, US4364784 A, US4353993 A, US4276339 A, US4237818 A, US3926716 A, US3865078 A, US3810280 A, US3484839 A, US3188372 A, US2897109 A, US2014102650 AA, US2014099469 AA, US2013157012 AA, US2013129993 AA, US2012289917 AA, US2012164206 AA, US2012164200 AA, US2012028004 AA, US2010236735 AA, US2010227520 AA, US2010222761 AA, US2010203293 AA, US2010159200 AA, US2010155004 AA, US2010036024 AA, US2009088037 AA, US2008295985 AA, US2008233069 AA, US2008216977 AA,

US2008200891 AA, US2008176968 AA, US2008128101 AA, US2008076844 AA, US2008073045 AA, US2008041543 AA, US2008009586 AA, US2007284069 AA, US2007197117 AA, US2007154524 AA, US2007137810 AA, US2007044930 AA, US2007010156 AA, US2006234586 AA, US2006211781 AA, US2006189240 AA, US2006148917 AA, US2006135932 AA, US2006124261 AA, US2006102071 AA, US2006003150 AA, US2005153123 AA, US2005136776 AA, US2005136242 AA, US2005112980 AA, US2005020170 AA, US2004143046 AA, US2004140076 AA, US2004121121 AA, US2004099388 AA, US2004052746 AA, US2004049166 AA, US2003104748 AA, US2002040210 AA, US2001024716 AA, RU2010135785 A, JP8260327 A2, JP4135675 A2, JP2005193693 A2, GB934071 A, GB758745 A, EP1619016 A1, DE3121168 A1, DE2063961 A1, CN1842561 A, CN1589345 A, CN1538832 A, CN1538829 A, CN1450885 A, CN1163642 A,

0) US2008280088A – TISSUE ROLL WITH ANGLED PERFORATIONS

76) Family number: 41886857 (US2008280088A) © PatBase

Title: TISSUE ROLL WITH ANGLED PERFORATIONS

Priority: EP20060125487 20061206 WO2007IB54945 20071206

Family:

Publication number	Publication date	Application number	Application date
CA2671631 AA	20090604	CA20072671631	20071206
EP1929912 A1	20080611	EP20060125487	20061206
MX2009006005 A1	20090616	MX20090006005	20071206
US2008280088 AA	20081113	US20070951685	20071206
WO08068723 A1	20080612	WO2007IB54945	20071206

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** BAUM DANIELA ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** BAUM DANIELA

Inventor(s): DANIELA BAUM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B26F1/00 (Advanced/Invention); A47K10/00 B26F1/00 (Core/Invention)

CPC: Y10T428/15 A47K10/16 Y10T225/12

European class: A47K10/16

US class: 225/2 242/550 428/43

Classification Explorer

Cited documents: WO03026472 A1, US714652 A, US6460727 BA, US6228454 BA, US5789050 A, US5496605 A, US5453311 A, US5205454 A, US5041317 A, US4884719 A, US4646364 A, US4210688 A, US4199090 A, US405412 A, US3931886 A, US3770172 A, US3583558 A, US3467250 A, US2004224116 AA, US2002074375 AA, US1170589 A, DE8715128 U,

0) US2013312923A – TISSUE COMPRISING MACROALGAE

77) Family number: 55101968 (US2013312923A) © PatBase

Title: TISSUE COMPRISING MACROALGAE

Priority: US20120481154 20120525 US20130043955 20131002 WO2013IB53634 20130506

Family:

Publication number	Publication date	Application number	Application date
AU2013264868 AA	20131128	AU20130264868	20130506
AU2013264868 BB	20150514	AU20130264868	20130506
CA2873436 AA	20141112	CA20132873436	20130506
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US2014034255 AA	20140206	US20130043955	20131002
US8574400 BA	20131105	US20120481154	20120525
US8771468 BB	20140708	US20130043955	20131002
WO13175331 A1	20131128	WO2013IB53634	20130506

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; SHI BO ; KRAUTKRAMER CANDACE DYAN ; SHANNON THOMAS GERARD ; VEITH MICHAEL WILLIAM

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC2300 WINCHESTER ROADNEENAHWI54956US

Inventor(s):(std)**:** KRAUTKRAMER CANDACE DYAN ; SHANNON THOMAS GERARD ; SHI BO ; VEITH MICHAEL WILLIAM

Inventor(s): VEITH MICHAEL WILLIAMUS ; SHI BOUS ; THOMAS GERARD SHANNON ; SHANNON THOMAS GERARDUS ; KRAUTKRAMER CANDACE DYANUS ; MICHAEL WILLIAM VEITH ; BO SHI ; CANDACE DYAN KRAUTKRAMER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 D21F11/00 D21H11/00 D21H11/12 D21H13/10 D21H21/00 D21H27/38 (Advanced/Invention)

CPC: D21H11/00 D21H17/005 D21H17/02 D21H27/002 D21H27/005 D21H27/007 D21H27/30 D21H27/38 D21H11/12 A47K10/16 D21H21/00

US class: 162/100 162/111 162/129 162/148 162/99

Classification Explorer

Cited documents: WO9624317 A2, WO9404745 A1, WO9202199 A1, WO1154855 A2, WO11154855 A2, WO09133976 A1, US7622019 BB, US6379594 BA, US5743999 A, US5567275 A, US5522967 A, US5500086 A, US5472569 A, US5200194 A, US5114534 A, US4300981 A, US3862877 A, US2965436 A, US2011303375 AA, US2011036525 AA, US2010319865 AA, US2010272940 AA, US2010152687 AA, US2010137776 AA, US2009197994 AA, US2007207692 AA, US2006137842 AA, US2003186611 AA, US2002104632 AA, US1675244 A, US1509035 A, US1367279 A, TW506831 B, NL9001056 A, KR20100084452 A, KR20100070240 A, KR20100011771 A, KR20070040555 A, KR20060000695 A, KR100965310 B1, KR100811200 B1, KR100811196 B1, KR100811194 B1, KR100811193 B1, KR100811193, KR100811183 B1, KR100811183, JP5331792 A2, JP4202893 A2, JP2011012036 A2, JP2000236757 A2, GB508671 A, EP1682721 B1, EP0565920 B1,

DE102008053858 A1

DE102004061179 A1

CN102154738 A, CN101985779 A,

0) US4762738A – MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND ...

78) Family number: 11075148 (US4762738A)

© PatBase

Title: MEANS FOR DISPOSAL OF ARTICLES BY FLUSHING AND OSTOMY POUCHES PARTICULARLY SUITED FOR SUCH DISPOSAL

Priority:

AU19870081247	19871116	CA19870553100	19871130	NZ19870222532	19871112
JP19870326638	19871222	EP19870310534	19871130	US19860944891	19861222
US19880256355	19881011	US19880161077	19880226		

Family:

Publication number	Publication date	Application number	Application date
AT144121 E	19961115	AT19870310534T	19871130
AT216571 E	20020515	AT19870200537T	19871130
AU198781247 A1	19880623	AU19870081247	19871116
AU199169299 A1	19910328	AU19910069299	19910111
AU611654 B2	19910620	AU19870081247	19871116
AU646235 B2	19940217	AU19910069299	19910111
CA1287282 A1	19910806	CA19870553100	19871130
DE3751925 D1	19961121	DE19873751925	19871130
DE3751925 T2	19970403	DE19873751925T	19871130
DE3752353 D1	20020529	DE19873752353	19871130
DE3752353 T2	20021010	DE19873752353T	19871130
DK174093 B1	20020610	DK19870006759	19871221
DK675987 A	19880623	DK19870006759	19871221
DK675987 A0	19871221	DK19870006759	19871221
EP0272816 A2	19880629	EP19870310534	19871130
EP0272816 A3	19920527	EP19870310534	19871130
EP0272816 B1	19961016	EP19870310534	19871130
EP0726068 A2	19960814	EP19960200537	19871130
EP0726068 A3	20000329	EP19960200537	19871130
EP0726068 B1	20020424	EP19960200537	19871130
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NO165705 C	19910327	NO19870005366	19871221
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US4930942 A	19900605	US19880256355	19881011	
ZA8708481 A	19880509	ZA19870008481	19871111	

Probable Assignee: SQUIBB AND SONS INC

Assignee(s):(std)**:** SONS INC ; SQUIBB AND SONS INC ; SQUIBB BRISTOL MYERS CO ; BRISTOL MYERS SQUIBB CO

Assignee(s): E R SQUIBB AND SONS INC ; E R SQUIBB AND SONS INC PRINCETON N J US ; E R SQUIBB AND SONS L L C ; ARONOFF MARVIN S ; ER SQUIBB AND SONS INC ; SQUIBB E R AND SONS INC ; SQUIBB AND SONS INC E R ; KEYES DENIS E ; ER SQUIBB AND SONS LLC ; NOEL RUANE ; SQUIBB ER AND SONS INC

Inventor(s):(std)**:** ARNOFF MARVIN S ; ARONOFF MARVIN S ; DENIS E KEYES ; DENISU II KIIZU ; KEYES DENIS E ; MAABIN ESU ARONOFU ; MARVIN S ARONOFF

Inventor(s): NAME NOT GIVEN ; MARVIN S ARNOFF

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): A61F13/15 A61F5/44 A61F5/445 B09B1/00 (Advanced/Invention); A61F5/44 B09B1/00 (Advanced/Non–invention); A61F13/15 A61F5/44 A61F5/445 (Core/Invention); A61F5/44 (Core/Non–invention)

International class (IPC 1–7): A61F13/15 A61F13/16 A61F13/18 A61F5/44 A61F5/445 A61L11/00 B09B1/00 B09B5/00 B32B7/02 B65D85/16 B65G53/00

CPC: Y10T428/1307 Y10T428/1362 A61F13/47 A61F5/445 A61F13/15211 A61F13/551 A61F2005/4402 A61F2013/15048

European class: A61F13/15J2 A61F13/47 A61F13/551 A61F5/445 K61F13/15A11 K61F13/15J2 K61F5/445C K61F5/44D

US class: 206/524.7 252/90 383/1 406/49 428/34.3 428/36 428/36.1 604/332

Classification Explorer

Cited documents: WO8001374 A1, US4762738 A, US4762454 A, US4692494 A, US4620999 A, US4551490 A, US4503098 A, US4490145 A, US4460363 A, US4387712 A, US4372311 A, US4333464 A, US4316824 A, US4261066 A, US4240769 A, US4186233 A, US4136798 A, US4133779 A, US4062451 A, US4035540 A, US3951893 A, US3886112 A, US3881210 A, US3808165 A, US3793233 A, US3790067 A, US3762454 A, US3707430 A, US3705659 A, US3692725 A, US3661695 A, US3654929 A, US3561447 A, US3339546 A, US3198740 A, US3186869 A, US3089493 A, US2850471 A, JP50082597 U1, JP50082597 U, GB2201372 A1, GB2195919 A1, GB2193925 A1, GB2185404 A1, GB2122099 A1, GB2122090 A1, GB2083762 A1, GB1312370 A, GB1271424 A, FR2524306 A1, EP0273611 A1, EP0226439 A1, EP0142950 A2, EP0064044 A1, EP0010171 A1, DE1949214 A1, CH403217 A, AU6929991 A1, AU1290483 A1,

0) US2003089734A – CONTAINER

79) Family number: 31386894 (US2003089734A)

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Title: CONTAINER

Priority:

DE20001028747	20000610	DE20011025958	20010529	GB20020028324	20010529
GB20040014478	20010529	US20040983192	20041105	US20050002350	20050214
US20020240968	20021007	WO2001EP06332	20010529		

Family:

Publication number	Publication date	Application number	Application date
AU2001267516 AA	20011224	AU20010267516	20010529
AU200167516 A1	20011224	AU20010067516	20010529
AU200167516 A5	20011224	AU20010067516	20010529
DE10125958 A1	20011213	DE20011025958	20010529
GB200228324 A0	20030108	GB20020028324	20010529
GB200413876 A0	20040721	GB20040013876	20010529
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GB2379484 A1	20030312	GB20020028324	20010529
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GB2403275 B2	20050309	GB20040014472	20010529
GB2403437 A1	20050105	GB20040014834	20010529
GB2403437 B2	20050309	GB20040014834	20010529
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GB2403777 A1	20050112	GB20040014936	20010529
GB2403777 B2	20050316	GB20040014936	20010529
GB2404223 A1	20050126	GB20040022451	20010529

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GB2404224 A1	20050126	GB20040022452	20010529
GB2404224 B2	20050330	GB20040022452	20010529
GB2404225 A1	20050126	GB20040022454	20010529
GB2404225 B2	20050330	GB20040022454	20010529
JP3099331 U	20040402	JP20020600005U	20010529
US2003089734 AA	20030515	US20020240968	20021007
US2006027595 AA	20060209	US20040983192	20041105
US2007164056 AA	20070719	US20050002350	20050214
US7320417 BB	20080122	US20020240968	20021007
WO0196210 A2	20011220	WO2001EP06332	20010529
WO0196210 A3	20020620	WO2001EP06332	20010529

Probable Assignee: WELLA AG

Assignee(s):(std)**:** EBERHARDT HEIKO ; STEIGERWALD FRANZ ; WELLA AG

Assignee(s): WELLA AKTIENGESELLSCHAFT

Inventor(s):(std)**:** STEIGERWALD FRANZ ; EBERHARDT HEIKO

Inventor(s): HEIKO EBERHARDT ; FRANZ STEIGERWALD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B05B1/00 B05B1/34 B05B11/00 B65D1/00 B65D83/00 B65D83/14 B65D83/16 B65D83/40 B65D83/44 B67D5/32 B67D7/32 (Advanced/Invention); B05B11/00 (Advanced/Non–invention); B05B1/34 B05B11/00 B65D83/00 B65D83/44 (Core/Invention)

International class (IPC 1–7): B05B1/00 B05B11/00 B05B9/04 B65D83/00 B65D83/14 B65D83/20 B65D83/22 B65D83/28 B65D83/32 B65D83/38 B65D83/40 B65D83/44 B65D83/48 E05B73/00 F16M13/02 G01F11/06

CPC: B05B1/00 B05B11/30 B65D83/206 B65D83/32 B65D83/38 B65D83/44 B65D83/48 B65D83/75 B65D2203/12 B65D1/00 B65D83/20 B65D83/46 B05B11/0005 B05B1/34

European class: B05B1/00 B05B1/34 B05B11/00B B65D1/00 B65D83/14C B65D83/14F B65D83/14H B65D83/14L B65D83/14Z B65D83/16B1C1 B65D83/16B2C1 B65D83/20 B65D83/20C2 B65D83/32 B65D83/38 B65D83/44 B65D83/46 B65D83/48 B65D83/75 L05B11/00P L05B11/30 L65D203/12

US class: 222/192 222/192S 222/321.7 222/321.700S 222/39 222/39P 222/402.1 222/402.100S 222/402.13 222/402.130P 222/635

Classification Explorer

Cited documents: US6607106 BB, US6588629 BA, US6341735 BA, US6283337 BA, US6193104 BA, US6161599 A, US6006957 A, US5967382 A, US5881929 A, US5878913 A, US5794822 A, US5758638 A, US5487502 A, US5456626 A, US5219102 A, US5186368 A, US4852807 A, US4846810 A, US4759309 A, US4739795 A, US4572406 A, US4426026 A, US4423823 A, US4396152 A, US4291688 A, US4227482 A, US3963145 A, US3312723 A, US3246850 A, JP9141147, JP2001130660 A2, JP11157586 A2, JP11128776 A2, JP11128776, JP10029658, GB2340891 A1, GB2297126 A1, GB2021698 A1, GB1587087 A, GB1493031 A, GB1460000 A, GB1397930 A, GB1103074 A, GB1036955 A, FR1603001 A, FR1539302 A, FR1414014 A, FR1376028 A, EP1072316 A1, EP1052191 A1, EP0875469 A1, EP0863089 A1, EP0669268 A1, EP0593317 A1, EP0437706 A1, EP0112035 A2, DE2803993 A1, DE1040464 B, DE1037377 B,

0) US6162329A – SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITIO...

80) Family number: 28648160 (US6162329A) © PatBase

Title: Soft tissue paper having a softening composition containing an electrolyte deposited thereon

Priority:

AU19980095989	19981001	US19970942053	19971001	US19980053319	19980401
US20000679988	20001005	WO1998US20738	19981001		

Family:

Publication number	Publication date	Application number	Application date
AU199895989 A1	19990423	AU19980095989	19981001
AU200172126 A1	20011206	AU20010072126	20010914
AU200172126 A5	20011206	AU20010072126D	20010914
AU740312 B2	20011101	AU19980095989	19981001
AU773025 B2	20040513	AU20010072126	20010914
BRPI9813842 A	20001003	BR1998PI13842	19981001
CA2305567 AA	20000331	CA19982305567	19981001
CN1280641 A	20010117	CN19988011732	19981001
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KR20010024387 A	20010326	KR20007003537	19981001
TH34267 A	19990806	TH19981003814	19980930
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US6579416 BA	20030617	US20000679988	20001005
WO9916974 A1	19990408	WO1998US20738	19981001
ZA9808976 A	19990407	ZA19980008976	19981001

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN ; THE PROCTER AND GAMBLE CO ; FAGIN SEAN PATRICK ; GAMBLE CO ; PROCTER AND

Inventor(s):(std)**:** ERROL H WAHL ; ERROL HOFFMAN WAHL ; FAGIN SEAN P ; FAGIN SEAN PATRICK ; KENNETH D VINSON ; KENNETH DOUGLAS VINSON ; RICHARD MARTIN WARD ; SEAN P FAGIN ; SEAN PATRICK FAGIN ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WAHL ERROL H ; WAHL ERROL HOFFMAN ; WARD RICHARD MARTIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/07 D21H19/10 D21H19/12 D21H21/22 D21H21/24 D21H27/00 (Advanced/Invention); D21H21/22 D21H27/00 (Advanced/Non–invention); D21H21/22 (Core/Invention); D21H27/00 (Core/Non–invention); A47K D21H (Subclass/Invention)

International class (IPC 1–7): A47K D21H D21H11/00 D21H17/07 D21H17/71 D21H19/10 D21H19/12 D21H19/12 D21H21/22 D21H21/24 D21H27/00

CPC: D21H21/22

European class: D21H21/22

US class: 162/112 162/135 162/158 162/181.2 162/181.3 162/184 252/8.63

Classification Explorer

Cited documents: WO9410381 A1, US5814188 A, US5753079 A, US5611890 A, US5543067 A, US5527560 A, US5405501 A, US5397435 A, US5389204 A, US5296024 A, US5292363 A, US5246546 A, US5246545 A, US5215626 A, US4844823 A, US4636224 A,

US4579591 A, US4118271 A, JP50040892 A2, EP0688901 A2,

0) US2006266758A – SHEET MATERIAL DISPENSER

81) Family number: 33892566 (US2006266758A) © PatBase

Title: SHEET MATERIAL DISPENSER

Priority: US20050140342 20050527 US20050420085 20050524 US20060420085 20060524 WO2006US20367 20060526

Family:

Publication number	Publication date	Application number	Application date
AU2006252725 AA	20061207	AU20060252725	20060526
BRPI0610098 A2	20081209	BR2006PI10098	20060526
CA2606114 AA	20071025	CA20062606114	20060526
CL2006001270 A1	20061215	CL20060001270	20060525
CL2006002682 A1	20071130	CL20060002682	20061004
CN101184678 A	20080521	CN200680018633	20060526
CR9453 A	20080303	CR20070009453	20071019
DE602006015305 D1	20100819	DE200660015305T	20060526
DOP2006000121 A	20061130	DO20060000121	20060526
DOP2006000213 A	20071115	DO20060000213	20061006
EP1885623 A2	20080213	EP20060771251	20060526
EP1885623 B1	20100707	EP20060771251	20060526
IL186590 A0	20080120	IL20060186590	20060526
IN05434CN2007 A	20080328	IN2007CN05434	20071127
JP2008542156 T2	20081127	JP20080513741T	20060526
KR20080012312 A	20080211	KR20077027455	20060526
MX2007013645 A1	20080124	MX20070013645	20060526
MY139870 A	20091130	MY20060002369	20060523
PA8677301 A1	20070117	PA20060086773	20060526
RU2007148263 A	20090710	RU20070148263	20060526
RU2415795 C2	20110410	RU20070148263	20060526
TH82692 A	20070125	TH20061002404	20060525
TH84498 A	20070509	TH20061004962	20061006
TW200710003 A	20070316	TW20060118605	20060525
TW200743475 A	20071201	TW20060136834	20061004
TWI307621 B	20090321	TW20060136834	20061004
TWI329602 B	20100901	TW20060118605	20060525
US2006266758 AA	20061130	US20050140342	20050527
US2006266759 AA	20061130	US20060420085	20060524
US7428978 BB	20080930	US20050140342	20050527
US7591396 BB	20090922	US20060420085	20060524
WO06130450 A2	20061207	WO2006US20367	20060526
WO06130450 A3	20070308	WO2006US20367	20060526
ZA200709039 A	20090128	ZA20070009039	20060526

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; TRAMONTINA PAUL FRANCIS ; LEWIS RICHARD PAUL ; PROVENZANO GUY WILLIAM ; PROVENZANO GUY W ;

TRAMONTINA PAUL F ; LEWIS RICHARD P

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC US ; KIMBERLI KLARK VORLDVAJD INK

Inventor(s):(std)**:** FRANCIS TRAMONTINA PAUL ; GUY W PROVENZANO ; L JUIS RICHARD POL ; LEWIS RICHARD P ; LEWIS RICHARD PAUL ; PAUL LEWIS RICHARD ; PROVENTSANO GAJ UIL JAM ; PROVENZANO GUY W ; PROVENZANO GUY WILLIAM ; TRAMONTINA PAUL F ; TRAMONTINA PAUL FRANCIS ; TREHMONTAJNA POL FREHNSIS ; WILLIAM PROVENZANO GUY ; RICHARD PAUL LEWIS ; RICHARD P LEWIS ; PAUL FRANCIS TRAMONTINA ; PAUL F TRAMONTINA ; GUY WILLIAM PROVENZANO

Inventor(s): L'JUIS RICHARD POL ; PROVENTSANO GAJ UIL'JAM ; RICHARD PAUL LEWIS PAUL FRANCIS TRAMONTINA ; TRAMONTINA PAUL ; PROVENZANO GUY ; LEWIS RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47D5/00 A47K10/24 A47K10/38 A47K10/42 A47K10/44 B65D83/08 B65H1/00 B65H1/04 B65H3/00 B65H3/22 (Advanced/Invention);
A47K10/42 B65D83/08 (Advanced/Non–invention);
A47D5/00 A47K10/24 B65D83/08 B65H1/00 B65H3/00 (Core/Invention);
A47K10/42 B65D83/08 (Core/Non–invention);
A47K B65D (Subclass/Invention)

International class (IPC 1–7): A47K10/42 B65D83/08 B65H1/00

CPC: A47K10/423 A47K2010/3266 B65D83/0811 B65D83/0894 B65H1/04 B65H3/56

European class: A47K10/42B3 B65D83/08B1 B65D83/08H B65H1/04 B65H3/56 K47K10/32W

US class: 221/151 221/152 221/213 221/249 221/259 221/33 221/37 221/39 221/40

Classification Explorer

Cited documents: US930619 A, US6533145 BB, US6273996 BA, US6248212 BA, US6096152 A, US6077590 A, US5904971 A, US5776306 A, US5772845 A, US5716691 A, US5687876 A, US5687876 A, US5674590 A, US5672248 A, US5607551 A, US5540354 A, US5494554 A, US5399412 A, US5284703 A, US5048589 A, US4737393 A, US4659609 A, US4436780 A, US4214662 A, US4121726 A, US4100324 A, US4071165 A, US3767188 A, US3650882 A, US3517855 A, US3322617 A, US3306491 A, US3301746 A, US3266665 A, US3243078 A, US3243078, US3094323 A, US2588152 A, US2588152 A, US2247800 A, US1603714 A, US1511812 A, TW290517, TW213682, GB917049 A, GB917049,

0) US2010001015A – DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL...

82) Family number: 42019829 (US2010001015A) © PatBase

Title: DISPENSER FOR A CENTER–FED ROLL OF WEB MATERIAL

Priority:

CO20090084290	20090812	EP20070701110	20070112	WO2007SE00024	20070112
RU20090130731	20070112	EP20160185186	20070112		

Family:

Publication number	Publication date	Application number	Application date
AU2007342720 AA	20080717	AU20070342720	20070112
AU2007342720 BB	20130829	AU20070342720	20070112
CO6220891 A2	20101119	CO20090084290	20090812
EP2099347 A1	20090916	EP20070701110	20070112
EP2099347 A4	20150819	EP20070701110	20070112
EP2099347 B1	20170315	EP20070701110	20070112
EP3135166 A1	20170301	EP20160185186	20070112
ES2630903 T3	20170825	ES20070701110T	20070112
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RU2009130731 A	20110220	RU20090130731	20070112
RU2435512 C2	20111210	RU20090130731	20070112
US2010001015 AA	20100107	US20070522759	20070112
US8511511 BB	20130820	US20070522759	20070112
WO08085090 A1	20080717	WO2007SE00024	20070112

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** GLATZL JOACHIM ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS ; THOREN AGNETA

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; SCA HYGIENE PRODUCTS A B ; SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** GLATZL JOACHIM ; THOREN AGNETA ; TOREN AGNETA ; GLATTSL JOAKHIM

Inventor(s): JOACHIM GLATZL ; AGNETA THOREN ; GLATTSL' JOAKHIM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A44B18/00 A44B19/00 A47K10/36 A47K10/38 (Advanced/Invention); A44B18/00 A44B19/00 A47K10/24 (Core/Invention)

CPC: Y10T24/25 Y10T24/27 A47K10/3818 A47K2010/3206 A47K2010/3233 A47K2010/3266 A47K10/36

European class: A47K10/38B1

US class: 221/26 221/30 221/63 24/381 24/442

Classification Explorer

Cited documents: WO8102280 A1, US7578414 BB, US6834773 BB, US6578731 BA, US5427453 A, US4138034 A, US3868052 A, US3002668 A, US2875869 A, US2664933 A, US2012256037 AA, US2011253761 AA, US2005279757 AA, US2005211717 AA, US2004251292 AA, US2004004013 AA, SE519199 C2, JP2003290074 A2, GB2244472 A1, FR2549362 A1,

0) US2011240039A – SURGICAL DRAPE HAVING TEARABLE SHEET

83) Family number: 49698123 (US2011240039A)

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Title: SURGICAL DRAPE HAVING TEARABLE SHEET

Priority: US20100319738P 20100331 US20110076029 20110330 WO2011US30468 20110330 US20140504850 20141002

Family:

Publication number	Publication date	Application number	Application date
CA2792066 AA	20120904	CA20112792066	20110330
CN102821711 A	20121212	CN201180017306	20110330
CN102821711 B	20151007	CN201180017306	20110330
EP2552338 A1	20130206	EP20110763356	20110330
EP2552338 A4	20160224	EP20110763356	20110330
MX2012011174 A1	20130227	MX20120011174	20110330
US2011240039 AA	20111006	US20110076029	20110330
US2015107605 AA	20150423	US20140504850	20141002
WO11123506 A1	20111006	WO2011US30468	20110330

Probable Assignee: ALLEGIANCE CORP

Assignee(s):(std)**:** ALLEGIANCE CORP ; REYES ROGELIO ; ROBARDS DOUGLAS

Inventor(s):(std)**:** DOUGLAS ROBARDS ; REYES ROGELIO ; ROBARDS DOUGLAS ; ROGELIO REYES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61B19/00 A61B19/08 A61B46/00 A61B46/20 (Advanced/Invention)

CPC: A61B46/40 A61B2046/205 A61B2090/037 A61B19/088 A61B46/00

European class: A61B19/08 K61B19/08C1 K61B19/30H

US class: 128/853

Classification Explorer

Cited documents: WO9904721 A1, US7086404 BB, US6742522 BA, US6725864 BB, US6345621 BA, US6286511 BA, US5979450 A, US5975082 A, US5626947 A, US5532053 A, US4041942 A, US3930497 A, US3926185 A, US3791915 A, US3538912 A, US3072511 A, US2012312308 AA, US2010031966 AA, US2009277460 AA, US2005034731 AA, US2002108615 AA, EP2151211 A2, CN1798531 A, CN101304702 A,

0) US2008290207A – METHOD AND MACHINE FOR THE PRODUCTION OF LOGS O...

84) Family number: 31990322 (US2008290207A)

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Title: METHOD AND MACHINE FOR THE PRODUCTION OF LOGS OF WEB MATERIAL

Priority: IT2003FI00312 20031205 IT2004FI00086 20040413 WO2004IT00652 20041125

Family:

Publication number	Publication date	Application number	Application date
AT387394 E	20080315	AT20040806817T	20041125
BRPI0417311 A	20070327	BR2004PI17311	20041125
CN100562469 C	20091125	CN200480036054	20041125
CN1890166 A	20070103	CN200480036054	20041125
DE602004012144 D1	20080410	DE200460012144T	20041125
DE602004012144 T2	20090226	DE200460012144T	20041125
EP1689661 A2	20060816	EP20040806817	20041125

EP1689661 B1	20080227	EP20040806817	20041125
ES2300865 T3	20080616	ES20040806817T	20041125
ITFI20030312 A1	20050606	IT2003FI00312	20031205
ITFI20040086 A1	20040713	IT2004FI00086	20040413
JP2007513032 T2	20070524	JP20060542118T	20041125
JP4696073 B2	20110608	JP20060542118T	20041125
US2008290207 AA	20081127	US20040581725	20041125
US8011612 BB	20110906	US20040581725	20041125
WO05054104 A2	20050616	WO2004IT00652	20041125
WO05054104 A3	20050929	WO2004IT00652	20041125

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; NENCIONI GIOVANNI ; PERINI FABIO SPA ; FABIO PERINI S P A

Assignee(s): FABIO PERINI SPA

Inventor(s):(std)**:** GIOVANNI GELLI MAURO MADDALENI ; GIOVANNI NENCIONI ; MADDALENI ROMANO ; MAURO GELLI ; NENCIONI GIOVANNI ; ROMANO MADDALENI ; GELLI MAURO

Inventor(s): GELLI MAURO MADDALENI ROMANO NENCIONI GIOVANNI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/30 (Advanced/Invention); A47K10/00 B65H18/14 B65H19/22 B65H19/28 B65H19/30 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22 B65H19/26

CPC: B65H19/2269 B65H19/267 B65H2408/235

European class: B65H19/22B6 B65H19/26C L65H408/235

US class: 242/521 242/521P 242/532.2 242/533 242/541.3

Classification Explorer

Cited documents: WO04071914 A1, WO04050520 A2, WO04046006 A2, WO04035441 A1, WO02055420, WO0172620 A1, US6752344 BA, US6698681 BA, US6695245 BA, US6648266 BA, US6056229 A, US5979818 A, US5839680 A, US5769352 A, US5690296 A, US5639046 A, US5542622 A, US5538199 A, US5368252 A, US5368199 A, US5267703 A, US5249756 A, US5248106 A, US5137225 A, US5040738 A, US5031850 A, US4962897 A, US4909492 A, US4487377 A, US4327877 A, US3123315 A, US2009039195 AA, US2008283656 AA, US2006169733 AA, US2003189123 AA, US2003080234 AA, JP8507997 T2, JP8507997, JP7017660 A2, JP7017660, JP6278918 A2, JP6278918, JP6135604 A2, JP6135604, JP5652345, JP56052345 A2, JP56052345, JP08507997, JP0717660, JP06278918, JP06135604, ITMI951174 A1, IT1995A001174, IT1275313, GB2150536 A1, GB2105687 A1, GB2009108 A1, GB1435525 A, EP1219555 A1, EP0199286 A2,

0) US2007236110A – HANDS–FREE PAPER TOWEL DISPENSER AND DISPENSING...

85) Family number: 33103175 (US2007236110A)

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Title: HANDS−FREE PAPER TOWEL DISPENSER AND DISPENSING SYSTEM

Priority: US20070806741 20070604 US20110105370 20110511 WO2004SE02032 20041229

Family:

Publication number	Publication date	Application number	Application date
AT468797 E	20100615	AT20040809205T	20041229
CA2586613 AA	20070503	CA20042586613	20041229
CA2586613 C	20111108	CA20042586613	20041229
CN101080188 A	20071128	CN200480044597	20041229
DE602004027426 D1	20100708	DE200460027426T	20041229
EP1830687 A1	20070912	EP20040809205	20041229
EP1830687 B1	20100526	EP20040809205	20041229
ES2344904 T3	20100909	ES20040809205T	20041229
MX2007007907 A1	20070817	MX20070007907	20041229
US2007236110 AA	20071011	US20070806741	20070604
US2011210137 AA	20110901	US20110105370	20110511
US7954405 BB	20110607	US20070806741	20070604
WO06071148 A1	20060706	WO2004SE02032	20041229
WO06071148 C1	20070823	WO2004SE02032	20041229

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** KLING ROBERT ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** KLING ROBERT

Inventor(s): ROBERT KLING

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8−9): A47K10/32 A47K10/34 B65D83/08 B65G59/02 B65H19/00 (Advanced/Invention); A47K10/24 (Core/Invention)

CPC: Y10T83/4838 Y10T83/896 Y10T225/393 A47K10/36 A47K2010/3668 A47K2010/3681 A47K10/3612

European class: A47K10/36

US class: 221/13 221/13S 221/38 221/38S 221/6 221/6P 225/106 242/419.4 242/526 312/34.4 312/34.400P 83/346 83/649

Classification Explorer

Cited documents: US893582 A, US804306 A, US7783380 BB, US7624664 BB, US7341170 BB, US6892620 BB, US6131587 A, US6007168 A, US5207633 A, US5205454 A, US4952432 A, US4846412 A, US4832786 A, US4592669 A, US4516711 A, US3935978 A, US3884787 A, US3687751 A, US3177749 A, US2887247 A, US2809082 A, US2686018 A, US2007152010 AA, US2004192531 AA, US1717747 A, US1658608 A,

0) US2008264280A − PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES ...

86) Family number: 42441093 (US2008264280A)

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Title: PROCESS AND SYSTEM FOR ALIGNING PRINTED IMAGES WITH PERFORATED SHEETS

Priority: EP20080719542 20080303 US20070796614 20070427 WO2008IB50768 20080303

Family:

Publication number	Publication date	Application number	Application date
AT538929 E	20120115	AT20080719542T	20080303
AU2008243889 AA	20081106	AU20080243889	20080303
AU2008243889 BB	20131121	AU20080243889	20080303
BRPI0809723 A2	20150210	BR2008PI09723	20080303
CA2681858 AA	20081106	CA20082681858	20080303
DE602008012338 D1	20120308	DE200860012338T	20080303
EP2148781 A2	20100203	EP20080719542	20080303
EP2148781 B1	20111228	EP20080719542	20080303
JP2010524743 T2	20100722	JP20100504916T	20080303
MX2009010449 A1	20091019	MX20090010449	20080303
US2008264280 AA	20081030	US20070796614	20070427
US8844437 BB	20140930	US20070796614	20070427
WO08132615 A2	20081106	WO2008IB50768	20080303
WO08132615 A3	20081224	WO2008IB50768	20080303

Probable Assignee: KIMBERLY CLARK WORLDIWDE INC

Assignee(s):(std): BAGGOT JAMES L ; KIMBERLY CLARK CO ; WOOLEY TIMOTHY A ; SMITH JUSTEN H

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; KIMBERLY CLARK WORLDIWDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK

Inventor(s):(std): BAGGOT JAMES ; BAGGOT JAMES L ; SMITH JUSTEN ; SMITH JUSTEN H ; WOOLEY TIMOTHY ; WOOLEY TIMOTHY A ; BAGGOT JAMES LEO

Inventor(s): WOOLEY TIMOTHY A SHERWOOD ; TIMOTHY A WOOLEY ; JUSTEN H SMITH ; JAMES L BAGGOT ; JAMES LEO BAGGOT ; SMITH JUSTEN H NEENAH ; BAGGOT JAMES L MENASHA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B41F13/12 B41F13/24 B41F19/00 B41F33/00 B41F33/06 B41F33/14 B41G7/00 B41K3/12 (Advanced/Invention) ; B41F13/24 B41F19/00 B41F33/00 B41F33/04 B41F33/14 B41G7/00 (Core/Invention)

CPC: B41F13/12 B41G7/006 B41P2217/52

European class: B41F13/12 B41G7/00C L41P217/520

US class: 101/226 101/248 101/35 101/486

Classification Explorer

Cited documents: US7089854 BB, US7037575 BB, US6983686 BB, US6929838 BA, US6928929 BA, US6273313 BA, US5839688 A, US5802974 A, US5720223 A, US5660674 A, US5452632 A, US5417638 A, US5263413 A, US5119725 A, US4955265 A, US4896605 A, US4781090 A, US4757930 A, US4361260 A, US3832064 A, US3264921 A, US2008148981 AA, US2007239126 AA, US2007084099 AA, US2005204941 AA, US2005153100 AA, US2005034578 AA, US2004258887 AA, US2004003521 AA, US2003234305 AA, JP8118589 A2, JP7125185 A2, JP63091251 A2, JP62174497 U1, JP62174497 U, JP50040888 A2, JP3005173 U1, JP11506984 T2, EP1527898 A1,

0) US2003097105A – CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BA...

87) Family number: 28292918 (US2003097105A) © PatBase

Title: CENTER–FILL ABSORBENT ARTICLE WITH A WICKING BARRIER AND CENTRAL RISING MEMBER

Priority: US19990411259 19991001 US20020290905 20021108 WO2000US26031 20000922

Family:

Publication number	Publication date	Application number	Application date
AU200076050 A1	20010510	AU20000076050	20000922
AU200076050 A5	20010510	AU20000076050D	20000922
BRPI0014437 A	20021022	BR2000PI14437	20000922
CL2000002222 A1	20010629	CL20000002222	20000818
CN1198551 C	20050427	CN20008016579	20000922
CN1402627 A	20030312	CN20008016579	20000922
DE10085076 T	20021121	DE20001085076T	20000922
DE10085076 T1	20021121	DE20001085076T	20000922
EG22836 A	20030930	EG20000001133	20000905
GB200209627 A0	20020605	GB20020009627	20000922
GB2370786 A1	20020710	GB20020009627	20000922
GB2370786 B2	20040609	GB20020009627	20000922
KR20020074144 A	20020928	KR20027004188	20000922
MXPA02002520 A1	20020730	MX2002PA02520	20000922
TH47093 A	20010911	TH20001003204	20000823
TW574910 Y	20040201	TW20030208075U	20000930
US2003097105 AA	20030522	US20020290905	20021108
US6492574 BA	20021210	US19990411259	19991001
US6677498 BB	20040113	US20020290905	20021108
WO0124755 A1	20010412	WO2000US26031	20000922

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; LINDSAY JEFFREY DEAN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; DIPALMA JOSEPH

Inventor(s):(std)**:** DIPALMA J ; DIPALMA JOSEPH ; FUNG JOU CHEN ; BEDNARZ JULIE MARIE ; CHEN FUNG JOU ; JULIE MARIE BEDNARZ ; LINDSAY J D ; LINDSAY JEFFREY DEAN ; LINDSAY JEFFREY D

Inventor(s): BEDNARZ JULIE ; LINDSAY JEFFREY ; J D LINDSAY ; J DIPALMA ; JD LINDSAY ; JEFFREY DEAN LINDSAY ; JOSEPH DIPALMA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A61F13/15 A61F13/472 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A61F13/15 (Core/Invention)

International class (IPC 1–7): A61F13/00 A61F13/15 A61F13/20 A61F13/47 A61F13/472

CPC: Y10S977/712 Y10S977/841 Y10S977/961 A61F13/47218 A61F13/4702 A61F13/4704 A61F13/47227 A61F13/4755 A61F13/534 A61F13/53704 A61F13/53717 A61F13/53743 A61F2013/4581 A61F2013/53782

European class: A61F13/472B A61F13/472B1 A61F13/475A2 A61F13/534 A61F13/537A A61F13/537B4 A61F13/537C K61F13/45C4B K61F13/47A K61F13/47B K61F13/537E4

US class: 604/378 604/378P 604/385.01 604/385.12 604/385.120S 604/385.17 604/385.170S 977/712 977/712S 977/841 977/961

Classification Explorer

Cited documents: WO9912502, WO9900093, WO9843684 A1, WO9843684, WO9824391, WO9822059, WO9724283, WO9719808, WO9524878, WO9424973, WO9321879, WO9207535, WO8303051, WO0019956 A1, WO0019956, WO0019955, USRE32649 E, USH1750 H1, US5990377, US5957909 A, US5954705 A, US5910137, US5876393 A, US5874071, US5874070, US5869033, US5865824, US5858021, US5858011, US5853867, US5851648, US5846230 A, US5846230, US5824004, US5820616, US5817394, US5817081, US5817079, US5800417, US5795921, US5779860, US5773120, US5772967, US5769834, US5766213, US5756039 A, US5753343, US5746729, US5725821, US5720738, US5711970, US5704932, US5704930, US5704928, US5702378, US5693411, US5692939, US5672248, US5649917, US5624423 A, US5624423, US5620430, US5618282, US5611790, US5601544, US5599339, US5591150, US5591148 A, US5591148, US5591146, US5575785, US5567260, US5562650, US5562645, US5547745 A, US5545156 A, US5542941 A, US5533991 A, US5520674 A, US5518801 A, US5514104 A, US5506035 A, US5489283 A, US5487736 A, US5476457 A, US5462166 A, US5447507 A, US5445628 A, US5429630 A, US5429629 A, US5429628 A, US5415643 A, US5413568 A, US5401267 A, US5399412 A, US5399175 A, US5389094 A, US5360420 A, US5354400 A, US5350624 A, US5342342 A, US5342337 A, US5324575 A, US5324278 A, US5308346 A, US5300055 A, US5267992 A, US5236428 A, US5235515 A, US5219342 A, US5217447 A, US5217445 A, US5188625 A, US5171302 A, US5151092 A, US5147345 A, US5147343 A, US5030314 A, US5009653 A, US5007906 A, US4973325 A, US4964857 A, US4961736 A, US4950264 A, US4936839 A, US4886513 A, US4879170 A, US4846824 A, US4804380 A, US4758240 A, US4753644 A, US4738677 A, US4701177 A, US4687478 A, US4662876 A, US4655759 A, US4654040 A, US4608047 A, US4589876 A, US4578070 A, US4576597 A, US4576596 A, US4573986 A, US4556560 A, US4556146 A, US4536181 A, US4496359 A, US4490147 A, US4480516 A, US4476180 A, US4463045 A, US4425130 A, US4421812 A, US4405326 A, US4397644 A, US4342314 A, US4324246 A, US4285343 A, US4247362 A, US4195634 A, US4100324 A, US4015604 A, US3989867 A, US3921232 A, US3881491 A, US3881489 A, US3860003 A, US3667466 A, US3575174 A, US3294091 A, US3156242 A, US3126888 A, US2747575 A, US2683457 A, US2064431 A, GB2306333, GB2168612, EP0945110, EP0893517, EP0868894, EP0815817 A1, EP0815817, EP0804914 A1, EP0804914, EP0768070 A1, EP0768070, EP0758543, EP0758220, EP0687453, EP0652736, EP0638303, EP0612233, EP0564307, EP0552345, EP0520884, EP0516964, EP0419434, EP0400895, EP0360285 A2, EP0360285, EP0136524, EP0117613, DE19640451, CA884608, AU699325,

0) US2007056704A – PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTR...

88) Family number: 34294162 (US2007056704A) © PatBase

Title: PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTRATE HAVING NON–UNIFORM STRETCH CHARACTERISTICS

Priority: US20050222701 20050909 US20060516892 20060907 WO2006US34816 20060907

Family:

Publication number	Publication date	Application number	Application date
CA2622027 AA	20080310	CA20062622027	20060907
CA2622027 C	20120918	CA20062622027	20060907
CL2006002372 A1	20070525	CL20060002372	20060908
EP1922448 A2	20080521	EP20060790194	20060907
US2007056704 AA	20070315	US20060516892	20060907
US2007059495 AA	20070315	US20050222701	20050909
US7597777 BB	20091006	US20050222701	20050909
US7678229 BB	20100316	US20060516892	20060907
WO07030592 A2	20070315	WO2006US34816	20060907
WO07030592 A3	20070816	WO2006US34816	20060907

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II

Assignee(s):	PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s):(std)	WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II ; WILKE II NICHOLAS JEROME
Inventor(s):	WILKE NICHOLAS ; WILKE NICHOLAS JII ; WILKE NICHOLAS JEROME
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9):	B29C59/04 B31F1/07 B32B3/28 D21F11/00 D21H27/02 (Advanced/Invention); B31F1/00 B32B3/28 D21F11/00 D21H27/02 (Core/Invention)
CPC:	Y10T156/1023 Y10T428/24463 Y10T428/24628 Y10T428/24678 D21H27/02 D21H27/002
European class:	D21H27/02 N21H27/00D
US class:	156/209 162/117 162/123 162/204 428/154 428/174 428/180
Classification Explorer	
Cited documents:	WO9850481, WO9406623, WO05080677 A2, WO05032320 A2, WO03072344, WO03031170, WO0073053, USRE27453 E, US7320821 BB, US7285317 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6461720 BA, US6395133 BA, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6277467 BA, US6277466 BA, US6277226 BA, US6203664 BA, US6193918 BA, US6165319 A, US6153053 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6077390 A, US6033761 A, US6033523 A, US6030690 A, US602577 A, US5922439 A, US5904812 A, US5885417 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5804281 A, US5779965 A, US5686168 A, US5679222 A, US5637194 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5556509 A, US5549790 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5458950 A, US5436057 A, US5409572 A, US5356506 A, US5339730 A, US5294475 A, US5269983 A, US5173351 A, US5158819 A, US5155604 A, US5091032 A, US4984824 A, US4933120 A, US4927588 A, US4921034 A, US4913911 A, US4913858 A, US4759967 A, US4758296 A, US4717221 A, US4671983 A, US4610743 A, US4556378 A, US4528239 A, US4339088 A, US4326002 A, US4325773 A, US4320162 A, US4184700 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3668055 A, US3556907 A, US3414459 A, US2005095400 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US2003021953 AA, US2003008109 AA, US2002180097 AA, US1863973 A, GB2377674, EP1312466 A1, EP1232854 B1, EP1044807, DE4218860 A1, DE1807842 A1,

0) US2010101705A – METHOD AND DEVICE FOR CLOSING THE TAIL END OF A...

89) Family number: 42405194 (US2010101705A)

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Title:	METHOD AND DEVICE FOR CLOSING THE TAIL END OF A LOG WEB MATERIAL AND LOG OF OBTAINED
Priority:	EP20080751544 20080411 IT2007FI00087 20070413 WO2008IT00236 20080411 US20090450770 20091027 US20110067522 20110607

Family:

Publication number	Publication date	Application number	Application date
BRPI0810650 A2	20141104	BR2008PI10650	20080411
CA2682829 AA	20081023	CA20082682829	20080411
CA2682829 C	20151222	CA20082682829	20080411
CN101674993 A	20100317	CN200880014138	20080411
CN101674993 B	20130327	CN200880014138	20080411
DE602008039256 D1	20150910	DE200860039256T	20080411
EP2139798 A1	20100106	EP20080751544	20080411
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ITFI20070087 A1	20081014	IT2007FI00087	20070413
JP2010523441 T2	20100715	JP20100502640T	20080411
JP5331793 B2	20131030	JP20100502640T	20080411
US2010101705 AA	20100429	US20080450770	20080411
US2011265954 AA	20111103	US20110067522	20110607
US8585846 BB	20131119	US20080450770	20080411
US8652283 BB	20140218	US20110067522	20110607
WO08126122 A1	20081023	WO2008IT00236	20080411

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO ; ROMANO MADDALENI ; GRAZIANO MAZZACCHERINI

Inventor(s): MAZZACCHERINI GRAZIANO 55016 PORCARI ; MADDALENI ROMANO 56031 BIENTINA ; GELLI MAURO 55066 CAPANNORI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9)**:** B05C1/00 B05C19/02 B05C3/00 B29C63/10 B29C65/00 B29C65/52 B29C70/34 B31C1/00 B32B37/00 B32B37/10 B32B38/00 B32B41/00 B65C3/12 B65C3/16 B65C9/04 B65C9/22 B65C9/28 B65C9/40 B65H19/29 B65H26/00 B65H81/00 G05G15/00 (Advanced/Invention); B32B37/10 B32B38/00 B65H19/22 (Core/Invention)

CPC: B65H19/29 B65H2301/414425 B65H2301/414428 B65H2301/414446 B65H2301/41445

European class: B65H19/29 L65H301/41442D L65H301/41442F L65H301/41444B L65H301/41445

US class: 118/243 118/423 156/152 156/184 156/187 156/191 156/357 156/361 156/443 156/444 156/446 156/446S 156/449 156/456 156/459

Classification Explorer

Cited documents: WO06092818 A1, WO06070431 A1, WO04046006 A3, WO04046006 A2, US6682623 BA, US6050519 A, US5716489 A, US5681421 A, US5259910 A, US5242525 A, US4332324 A, US3960272 A, US3898920 A, US2005258298 AA, GB1009697 A, EP0592375 A1, DE2627558 A1, DE19528264 A1, DE19528264,

0) US4568341A – ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND ...

90) Family number: 1970355 (US4568341A)

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Title: ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND METHODS OF PRODUCTION

Priority:

CA19820400125	19820331	CA19820400155	19820331	CA19820400166	19820331
CA19820400176	19820331	CA19820400179	19820331	CA19820479541	19820331
EP19820301701	19820331	CA19850479541	19850418	US19810249318	19810331
US19810249319	19810331	US19810254314	19810415	US19810267833	19810528
WO1982US00312	19820310				

Family:

Publication number	Publication date	Application number	Application date
AT30671 E	19871115	AT19820301701T	19820331
AU198283914 A1	19821019	AU19820083914	19820310
AU564870 B2	19870827	AU19820083914	19820310
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CA1174836 A1	19840925	CA19820400176	19820331
CA1174837 A1	19840925	CA19820400201	19820331
CA1187684 A1	19850528	CA19820400166	19820331
CA1194456 A1	19851001	CA19820400125	19820331
CA1194457 A1	19851001	CA19820400179	19820331
CA1194458 A1	19851001	CA19820400206	19820331
CA1207995 A1	19860722	CA19820479541	19820331
CA1207995 A2	19860722	CA19850479541	19850418
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DK158560 B	19900611	DK19820005306	19821129
DK158560 C	19901105	DK19820005306	19821129
DK530682 A	19821129	DK19820005306	19821129
EP0062495 A2	19821013	EP19820301701	19820331
EP0062495 A3	19830330	EP19820301701	19820331
EP0062495 B1	19871111	EP19820301701	19820331
FI77975 B	19890228	FI19820004097	19821129
FI77975 C	19890612	FI19820004097	19821129
FI824097 A	19821129	FI19820004097	19821129
FI824097 A0	19821129	FI19820004097	19821129
FI824097 L	19821129	FI19820004097	19821129
GR75919 B	19840802	GR19820167740	19820329
JP58500742 T2	19830512	JP19820501301T	19820310
JP61050458 B4	19861104	JP19820501301	19820310
NO158446 B	19880606	NO19820003954	19821125
NO158446 C	19880914	NO19820003954	19821125
NO823954 A	19821125	NO19820003954	19821125
US4568341 A	19860204	US19830474253	19830310
WO8203324 A1	19821014	WO1982US00312	19820310

Probable Assignee: STOCKING CAROL M

Assignee(s):(std)**:** MITCHELL JAMES G MITCHELL WINA ; MITCHELL J G ; MITCHELL W G ; MITCHELL JAMES G ; MITCHELL WINALEE G

Assignee(s): STOCKING CAROL M ; MITCHELL JAMES G SUITE ; MITCHELL J G MITCHELL W G ; STRADER CHARLES J ; PFAFF ALAN R JR ; WINALEE G MITCHELL ; STRAUSS ROBERT E ; BELL JERRY L ; BOLLINGER WILLIAM C ; JAMES G MITCHELL ; KEINATH DAVID P ; MITCHELL IRREVOCABLE TRUST

Inventor(s):(std)**:** BELL JERRY L ; BOLLINGER WILLIAM C ; KEINATH DAVID P ; MITCHELL J G ; MITCHELL J G MITCHELL W G PFAF ; MITCHELL JAMES G ; MITCHELL JR ; MITCHELL W G ; MITCHELL WINALEE G ; PFAFF ALAN R JR ; PFAFF JR ALAN R ; STRADER CHARLES J ; STRAUSS R E KEINATH D P STRADE ; STRAUSS ROBERT E

; WILLIAM C BOLLINGER ; PFAFF ALAN R ; MITCHELL WINALLE G ; KEINATH DAVID R ; JR MITCHELL ; JAMES G

Inventor(s): STRAUSS R E KEINATH D P STRADER C J BOLLINGER W C ; MITCHELL J G MITCHELL W G PFAFF A R BELL J L ; PFAFF JR ; MITCHELL WG ; MITCHELL JG

Designated states: AT AU BE CH DE DK FI FR GB IT JP LI LU NL NO SE

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/53 A61F15/00 A61F5/44 (Advanced/Invention); A61F13/15 A61F5/44 (Core/Invention)

International class (IPC 1–7): A41B13/02 A61F13/00 A61F13/16 A61F13/18 A61F13/20 A61F13/46 A61F15/00 A61F5/44

CPC: A61F13/534 A61F5/4401 A61F13/15203 A61F13/15211 A61F13/15699 A61F13/53436 A61F13/537 A61F2013/15821 A61F2013/5055 A61F2013/530481 A61F2013/53445 A61F2013/53782 A61F2013/53786 A61F2013/8488 A61F13/53427 A61F2013/49076

European class: A61F13/15J A61F13/15J2 A61F13/15M5 A61F13/534 A61F13/534B4 A61F13/534B6 A61F13/537 A61F5/44B K61F13/15E2 K61F13/15E2A K61F13/15E2D K61F13/15E2D1 K61F13/15E2D2 K61F13/15E7 K61F13/15H10 K61F13/15H11 K61F13/15H7 K61F13/15J2 K61F13/15M11 K61F13/49H5 K61F13/505A K61F13/534 K61F13/534C K61F13/537 K61F13/537E4 K61F13/537E5 K61F13/53Q K61F13/84E

US class: 604/368 604/378 604/396

Classification Explorer

Cited documents: US810120 A, US4333464 A, US4317449 A, US4306559 A, US4297410 A, US4296234 A, US4293609 A, US4282874 A, US4252391 A, US4176667 A, US4173046 A, US4172066 A, US4155893 A, US4117184 A, US4105033 A, US4096312 A, US4093765 A, US4069821 A, US4055184 A, US4055180 A, US4044769 A, US3987792 A, US3939836 A, US3928105 A, US3927673 A, US3903889 A, US3890974 A, US3888256 A, US3886941 A, US3878283 A, US3865112 A, US3809089 A, US3805790 A, US3783872 A, US3773587 A, US3676263 A, US3666611 A, US3653382 A, US3620894 A, US3610244 A, US3545442 A, US3525337 A, US3491759 A, US3472724 A, US3395708 A, US3289254 A, US3286435 A, US3178494 A, US3046986 A, US2684240 A, US1843037 A, GB2017509 A1, GB1515768 A, GB1500559 A, GB1316833 A, DE2559606 B2, DE2559606 A1, DE2554640 A1, BE752366 A, BE317413 A, AT317413 B, AT317413,

0) US2008217809A – ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE...

91) Family number: 42146928 (US2008217809A)

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Title: ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE

Priority:

CN200880007325	20080305	US20070713992	20070305	US20070714020	20070305
US20070714021	20070305	US20110073185	20110328	US20130940653	20130712
WO2008IB50793	20080305	US20160156970	20160517	US20160225141	20160801
US20160291383	20161012				

Family:

Publication number	Publication date	Application number	Application date
BRPI0808106 A2	20140617	BR2008PI08106	20080305
CA2680156 AA	20090904	CA20082680156	20080305
CN101626747 A	20100113	CN200880007325	20080305
CN106137546 A	20161123	CN201610592409	20080305
EP2117493 A1	20091118	EP20080719560	20080305
IN05683DN2009 A	20100528	IN2009DN05683	20090902
JP2010520005 T2	20100610	JP20090552315T	20080305
KR20090117788 A	20091112	KR20097018527	20080305
MX2009009295 A1	20090910	MX20090009295	20080305
US2008217809 AA	20080911	US20070713992	20070305

US2008221538 AA	20080911	US20070714020	20070305
US2008221539 AA	20080911	US20070714021	20070305
US2011174430 AA	20110721	US20110073185	20110328
US2013304012 AA	20131114	US20130940653	20130712
US2016257063 AA	20160908	US20160156970	20160517
US2016338879 AA	20161124	US20160225141	20160801
US2017027766 AA	20170202	US20160291383	20161012
US7935207 BB	20110503	US20070713992	20070305
US8502013 BB	20130806	US20070714020	20070305
US9358705 BB	20160607	US20110073185	20110328
WO08107846 A1	20080912	WO2008IB50793	20080305

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** ARORA KELYN ANNE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; MCAFFRY KAREN DENISE ; PROCTER AND GAMBLE ; NOEL JOHN RICHARD ; ZHAO JEAN JIANQUN

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** ANNE ARORA KELYN ; ARORA KELYN ANNE ; DENISE MCAFFRY KAREN ; FRANCIS GRAY BRIAN ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; JIANQUN ZHAO JEAN ; NOEL JOHN RICHARD ; RICHARD NOEL JOHN ; WAYNE GILBERTSON GARY ; MCAFFRY KAREN DENISE ; ZHAO JEAN JIANQUN ; ARORA KELYN ANN

Inventor(s): NOEL JOHN ; ZHAO JEAN ; JOHN RICHARD NOEL ; KAREN DENISE MCAFFRY ; KELYN ANNE ARORA ; MCAFFRY KAREN ; JEAN JIANQUN ZHAO ; GRAY BRIAN ; GARY WAYNE GILBERTSON ; GILBERTSON GARY ; BRIAN FRANCIS GRAY ; ARORA KELYN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/47 A61F13/472 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 B29C43/00 B29C43/22 B29C43/46 B29C53/02 B29C59/00 B29C59/02 B29C59/04 B29C65/02 B32B37/16 B32B37/20 B32B38/04 (Advanced/Invention); B29K105/04 B29L31/48 (Advanced/Non–invention); A61F13/15 B29C43/00 (Core/Invention)

International class (IPC 1–7): A61F13/532

CPC: A61F13/47 A61F13/15699 A61F13/15723 B29C43/222 B29C2043/464 B29K2105/04 B29K2995/0065 B29L2031/4878 Y10T156/1007 Y10T156/101 Y10T156/102 Y10T156/1074 B29C59/046 B29C65/02 B29K2313/00 B29C43/46 A61F13/15731 A61F13/472 B29C59/025 B29C59/002 B29K2623/12 B29K2623/06 A61F2013/530226 A61F2013/15422 A61F2013/530343 A61F2013/530437 A61F2013/530868 A61F13/15707 A61F13/533 A61F13/536

European class: A61F13/15M6 A61F13/533 A61F13/536 B29C43/22B B29C43/46 L29C43/46A3 L29K105/04 L29K995/00F16 L29L31/48E2

US class: 1/1 156/199 156/201 156/207 156/209 156/263 156/290 264/229 264/229P 604/367 604/367P 604/368 604/368S 604/374 604/378 604/378P 604/380 604/385.01 604/385.101

Classification Explorer

Cited documents: WO9700656 A1, WO9515138 A1, WO9301780, WO05011936 A1, WO04059061 A1, WO04058497 A1, WO04058118 A1, WO02100632 A1, WO0176523 A1, USH1698 H1, USD494369 S1, USD481872 S1, USD466702 S1, USD444631 S1, USD375844 S1, US96815401, US79041804, US7172801 BB, US7154020 BB, US7137971 BB, US7037569 BB, US7005558 BA, US6955847 BA, US6911573 BB, US6890622 BB, US6884494 BA, US6878433 BB, US6872274 BB, US6869660 BB, US6863960 BB, US6855220 BB, US6837956 BB, US6830800 BB, US6818802 BB, US6808791 BB, US6794626 BB, US6740792 BB, US6730622 BB, US6726870 BA, US6721987 BB, US6716498 BB, US6669878 BB, US6647549 BB, US6632504 BA, US6626961 BA,

US6620485 BA, US6613028 BA, US6610391 BB, US6545197 BA, US6537936 BA, US6506329 BA, US6491928 BA, US6488670 BA, US6479130 BA, US6458447 BA, US6454690 BB, US6452064 BA, US6451718 BA, US6423884 BA, US6420625 BA, US6410823 BA, US6398895 BA, US6395211 BA, US6395122 BA, US6383431 BA, US6362391 BA, US6355200 BA, US6350332 BA, US6323388 BA, US6290686 BA, US6287407 BA, US6264872 BA, US6247914 BA, US6203654 BA, US6176954 BA, US6176954 B1, US6171682 BA, US6171682 B1, US6168849 BA, US6168849 B1, US6155083 A, US6150002 A, US6129801 A, US6120718 A, US6117524 A, US6114263 A, US6103953 A, US6096016 A, US6059764 A, US6057023 A, US6049024 A, US6048600 A, US6039555 A, US6027483 A, US6025050 A, US6007468 A, US5993432 A, US5989688 A, US5986167 A, US5968029 A, US5964742 A, US5961505 A, US5932316 A, US5925026 A, US5919177 A, US5916661 A, US5914084 A, US5895623 A, US5891544 A, US5879494 A, US5876391 A, US5858504 A, US5841107 A, US5830555 A, US5817400 A, US5817394 A, US5814389 A, US5804021 A, US5792404 A, US5743776 A, US5741107 A, US5730738 A, US5725705 A, US5723087 A, US5714107 A, US5709829 A, US5704101 A, US5700255 A, US5691035 A, US5683375 A, US5681300 A, US5674212 A, US5667625 A, US5667619 A, US5658639 A, US5656119 A, US5650214 A, US5648142 A, US5628097 A, US5626571 A, US5624427 A, US5620214 A, US5607414 A, US5599420 A, US5580418 A, US5575874 A, US5573719 A, US5567501 A, US5560794 A, US5558655 A, US5554145 A, US5550167 A, US5536555 A, US5533991 A, US5518801 A, US5508080 A, US5505718 A, US5470326 A, US5466513 A, US5445777 A, US5439458 A, US5437653 A, US5429854 A, US5415640 A, US5414914 A, US5387209 A, US5387207 A, US5383870 A, US5382245 A, US5352711 A, US5331015 A, US5281208 A, US5242632 A, US5223319 A, US5188625 A, US5180620 A, US5171238 A, US5167897 A, US5165979 A, US5156793 A, US5144730 A, US5078710 A, US5069676 A, US5062418 A, US5019062 A, US5009653 A, US4953270 A, US4950264 A, US4935087 A, US4886632 A, US4859519 A, US4840829 A, US4840692 A, US4820294 A, US4798604 A, US4781962 A, US4758297 A, US4741941 A, US4676786 A, US4629643 A, US4588630 A, US4578068 A, US4559050 A, US4529480 A, US4469734 A, US4465726 A, US4443512 A, US4397644 A, US4379799 A, US4276336 A, US4260443 A, US4135021 A, US4116892 A, US4042453 A, US4035881 A, US3967623 A, US3965906 A, US3960652 A, US3949127 A, US3908659 A, US3881987 A, US3760671 A, US3718059 A, US3695270 A, US3684284 A, US3681183 A, US3681182 A, US3579763 A, US3566726 A, US3542634 A, US3540073 A, US3511740 A, US3505703 A, US3355974 A, US3337388 A, US3137893 A, US3081512 A, US3081500 A, US3073304 A, US3062379 A, US3046986 A, US2924863 A, US2748863 A, US2633441 A, US2404758 A, US2275425 A, US2068456 A, US2008221539 AA, US2008221538 AA, US2008217809 AA, US2008114317 AA, US2007299416 AA, US2007135787 AA, US2007116926 AA, US2006286343 AA, US2006206074 AA, US2006087053 AA, US2006069367 AA, US2006058762 AA, US2006041239 AA, US2006019056 AA, US2005281978 AA, US2005279470 AA, US2005140057 AA, US2005123726 AA, US2005118389 AA, US2005096614 AA, US2005071938 AA, US2005064136 AA, US2005021753 AA, US2004265534 AA, US2004265533 AA, US2004253894 AA, US2004242097 AA, US2004229008 AA, US2004161991 AA, US2004157036 AA, US2004137200 AA, US2004131820 AA, US2004127875 AA, US2004126531 AA, US2004122396 AA, US2004121686 AA, US2004022993 AA, US2003191443 AA, US2003191442 AA, US2003124927 AA, US2003097113 AA, US2003093046 AA, US2003085213 AA, US2003077970 AA, US2003050589 AA, US2003045848 AA, US2003028165 AA, US2003021951 AA, US2002180092 AA, US2002177827 AA, US2002132544 AA, US2002119720 AA, US2002107495 AA, US2002105110 AA, US2002103469 AA, US2002040211 AA, US2002039867 AA, US15292402, JPS60210257, JPS5870222 U, JP9506798 T2, JP60210257 A2, JP58070222 U1, JP5506164 T2, JP2011137 A2, JP2006510466 T2, JP2006198130 A2, JP2004532142 T2, JP2003530963 T2, GB950074, GB1088991 A, FR2713083 A1, EP1217106 B1, EP1004412 A1, EP0963747 A1, EP0955159 A1, EP0509012 B1,

0) CO6720970A – SURTIDOR DE HOJAS HUMEDAS

92) Family number: 54819664 (CO6720970A)

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Title: SURTIDOR DE HOJAS HUMEDAS

Priority: CO20130117019 20130510 WO2010EP65194 20101011 WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
CO6710950 A2	20130715	CO20130117019	20130510
CO6710950 A2	20130715	CO20130117018	20130510
CO6720970 A2	20130731	CO20130117019	20130510

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKER ; MARCEL SCHMIDT ; RALPH BREMENKAMP

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

Classification Explorer

0) US5915536A – PROCESS FOR MANUFACTURING SHORTS OR TROUSERS

93) Family number: 20656204 (US5915536A) © PatBase

Title: Process for manufacturing shorts or trousers

Priority: EP19980914522 19980406 US19970841961 19970408 US19990348796 19990707 US19970841988 19970408 WO1998US06784 19980406 US19970941961 19970408

Family:

Publication number	Publication date	Application number	Application date
AT342029 E	20061115	AT19980914522T	19980406
AU199868859 A1	19981030	AU19980068859	19980406
AU739289 B2	20011011	AU19980068859	19980406
CA2284839 AA	19990922	CA19982284839	19980406
CA2284839 C	20070227	CA19982284839	19980406
DE69836132 D1	20061123	DE19986036132	19980406
DE69836132 T2	20070329	DE19986036132T	19980406
EP0973472 A1	20000126	EP19980914522	19980406
EP0973472 B1	20061011	EP19980914522	19980406
EP1745766 A2	20070124	EP20060017099	19980406
EP1745766 A3	20100310	EP20060017099	19980406
ES2274568 T3	20070516	ES19980914522T	19980406
IL131922 A0	20010319	IL19980131922	19980406
IL131922 A1	20040725	IL19980131922	19980406
JP2002511117 T2	20020409	JP19980542998T	19980406
JP4538855 B2	20100908	JP19980542998T	19980406
TR9902493 T2	20010122	TR19990002493T	19980406
US5915536 A	19990629	US19970841961	19970408
US6009558 A	20000104	US19970841988	19970408
US6115847 A	20000912	US19990348796	19990707
US6192521 BA	20010227	US19970841961	19970408

WO9844883 A1	19981015	WO1998US06784	19980406

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KVITEK THOMAS THEODORE ; MUHLEBACH MICHAEL JOSEPH ; FRIES DONALD MERLIN DECEASED ; KONETZKE RICHARD MARK ; WITTMANN JON MARK ; RIBBLE BRENDON FRANK ; ROSCH PAULETTE MARY ; NELSON MICHAEL JOSEPH ; RABE GERALD LEIGH ; ROTH JAMES FREDERICK ; ALBERTS JOSEPH RICHARD ; DREZDZON EDWARD ANTHONY II

Inventor(s):(std)**:** ALBERTS JOSEPH RICHARD ; ALBERTS RICHARD ; DREZDZON ANTHONY ; DREZDZON EDWARD ANTHONY II ; DREZDZON II EDWARD ANTHONY ; FRIES DONALD MERLIN ; FRIES MERLIN ; II EDWARD ANTHONY DREZDZON ; KONETZKE MARK ; KONETZKE RICHARD MARK ; KVITEK THEODORE ; KVITEK THOMAS THEODORE ; MUHLEBACH JOSEPH ; MUHLEBACH MICHAEL JOSEPH ; MUHLEBACH MICHEL JOSEPH ; NELSON JOSEPH ; NELSON MICHAEL JOSEPH ; RABE GERALD LEIGH ; RABE LEIGH ; RIBBLE BRENDON FRANK ; RIBBLE FRANK ; ROSCH MARY ; ROSCH PAULETTE MARY ; ROTH FREDERICK ; ROTH JAMES FREDERICK ; ROTH JAMES FREDERIK ; WITTMAN JON MARK ; WITTMANN JON MARK ; WITTMANN MARK

Inventor(s): THOMAS THEODORE KVITEK ; RICHARD MARK KONETZKE ; PAULETTE MARY ROSCH ; MICHAEL JOSEPH MUHLEBACH ; MICHAEL JOSEPH NELSON ; JAMES FREDERICK ROTH ; JON MARK WITTMANN ; JOSEPH RICHARD ALBERTS ; GERALD LEIGH RABE ; FRIES DONALD MERLIN DECEASED ; EDWARD ANTHONY DREZDZON II ; BRENDON FRANK RIBBLE ; DONALD MERLIN FRIES

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A41B9/02 A41B9/12 A41D1/06 A41D1/14 A41D13/12 A41D7/00 A61F13/15 A61F13/72 A61F5/44 (Advanced/Invention); A41D1/06 A41D13/12 A61F5/44 (Advanced/Non–invention)

International class (IPC 1–7): A41B9/02 A41B9/12 A41D1/06 A41D1/14 A41D13/12 A41D27/00 A61F13/15 A61F13/72 A61F5/44

CPC: A41D7/00 A61F13/15739 A61F13/15804 A61F13/496

European class: A41D7/00 A61F13/15M10 A61F13/15M6D A61F13/496

US class: 156/73.1 2/212 2/227 2/228 2/238 2/400 2/404 2/80 450/95 604/358 604/385.19

Classification Explorer

Cited documents: WO9718785 A1, WO9603950 A1, WO9603949 A1, WO9518589 A1, US5931825 A, US5921974 A, US5876394 A, US5843068 A, US5711832 A, US5531732 A, US5435014 A, US5379462 A, US5340424 A, US5204997 A, US5188885 A, US5178931 A, US5169706 A, US5145727 A, US5116662 A, US5114781 A, US4940464 A, US4938757 A, US4938754 A, US4938753 A, US4798603 A, US4747846 A, US4720415 A, US4657802 A, US4639949 A, US4606964 A, US4405297 A, US4388075 A, US4340563 A, US4327448 A, US4313293 A, US4041203 A, US3849241 A, US3802817 A, US3692618 A, US3678514 A, US3542615 A, US3502763 A, US3341394 A, US3338992 A, US3333589 A, US2835897 A, US2827638 A, US2825906 A, US2617112 A, US2599769 A, US2526978 A, US043132, JP4028365 A2, JP2004364 A2, GB2284741 A1, EP0539703 A1, EP0538703 A1,

0) US2008283656A – REWINDING MACHINE, FOR THE PRODUCTION OF LOGS O...

94) Family number: 31990320 (US2008283656A)

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Title: REWINDING MACHINE, FOR THE PRODUCTION OF LOGS OF WEB MATERIAL AND LOGS OBTAINED

Priority: IT2003FI00311 20031205 WO2004IT00651 20041125

Family:

Publication number	Publication date	Application number	Application date
AT481343 E	20101015	AT20040806816T	20041125
BRPI0416547 A	20070109	BR2004PI16547	20041125
CN1890167 A	20070103	CN200480036140	20041125
CN1890167 B	20110112	CN200480036140	20041125
DE602004029207 D1	20101028	DE200460029207T	20041125
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ES2350469 T3	20110124	ES20040806816T	20041125
ITFI20030311 A1	20050606	IT2003FI00311	20031205
JP2007513031 T2	20070524	JP20060542117T	20041125
JP4696072 B2	20110608	JP20060542117T	20041125
KR20060125833 A	20061206	KR20067013475	20041125
US2008283656 AA	20081120	US20040581621	20041125
US7832676 BB	20101116	US20040581621	20041125
WO05054103 A1	20050616	WO2004IT00651	20041125

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** FABIO PERINI S P A ; FABIO PERONI S P A ; PERINI FABIO SPA ; GELLI MAURO

Assignee(s): FABIO PERINI SPA

Inventor(s):(std)**:** MAURO GELLI ; GELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B65H18/08 B65H19/22 B65H19/26 B65H19/28 B65H19/30 B65H20/10 B65H35/10 B65H55/02 (Advanced/Invention);
B65H19/22 B65H19/26 B65H19/30 (Advanced/Non–invention);
A47K10/00 B65H18/08 B65H19/22 B65H19/28 B65H19/30 B65H20/10 B65H55/00 (Core/Invention);
B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/26

CPC: B65H19/2269 B65H19/267 B65H2301/41424 B65H2301/41425 B65H2406/31 B65H2406/411 B65H2408/235 B65H2513/104

European class: B65H19/22B6 B65H19/26C L65H301/41424 L65H301/41425 L65H406/31 L65H406/411 L65H408/235 L65H513/104

US class: 242/520 242/520S 242/521 242/521P 242/532.2 242/533

Classification Explorer

Cited documents: WO04071914 A1, WO04050520 A2, WO04046006 A2, WO04035441 A1, WO0172620 A1, US7392961 BB, US6752344 BA, US6056229 A, US5979818 A, US5849357 A, US5839680 A, US5769352 A, US5725176 A, US5690296 A, US5639046 A, US5542622 A, US5538199 A, US5368252 A, US5267703 A, US5249756 A, US5248106 A, US5137225 A, US5040738 A, US5031850 A, US4909492 A, US4512528 A, US4487377 A, US4327877 A, US4248106 A, US2002017587 AA, JP8507997 T2, JP8507997, JP6298414 A2, JP6298414, JP6135604 A2, JP6135604, JP5652345, JP56052345 A2, JP56052345, JP2001261203 A2, JP2001261203, ITMI951174 A1, IT1995A001174, GB2150536 A1, GB2105687 A1, GB1435525 A, EP1219555 A1, EP0199286 A2,

0) US2013226120A – ABSORBENT STRUCTURE

95) Family number: 50536202 (US2013226120A) © PatBase

Title: ABSORBENT STRUCTURE

Priority:

AU20110316136	20111013	AU20160203745	20160604	EP20100447022	20101013
EP20100447021	20101013	EP20100447020	20101013	CN201180060002	20111013
EP20100447023	20101013	EP20110153268	20110203	EP20110153268	20110203
EP20100447024	20101013	WO2011EP05138	20111013	EP20110770376	20111013
EP20110773682	20111013	EP20140183749	20111013	WO2011EP05139	20111013

Family:

Publication number	Publication date	Application number	Application date
AU2011316136 AA	20120419	AU20110316136	20111013
AU2016203745 AA	20160623	AU20160203745	20160604
AU2016203745 BB	20171019	AU20160203745	20160604
CN103313683 A	20130918	CN201180060002	20111013
CN103313683 B	20170208	CN201180060002	20111013
CN107095746 A	20170829	CN201710000747	20111013
EP2441417 A1	20120418	EP20100447022	20101013
EP2441418 A1	20120418	EP20100447023	20101013
EP2444043 A1	20120425	EP20100447021	20101013
EP2444044 A1	20120425	EP20100447024	20101013
EP2450012 A1	20120509	EP20100447020	20101013
EP2627294 A1	20130821	EP20110770376	20111013
EP2627295 A1	20130821	EP20110773682	20111013
EP2810630 A1	20141210	EP20140183749	20111013
FR2966039 A3	20120420	FR20110059247	20111013
FR2966039 B3	20121109	FR20110059247	20111013
JP3172565 U	20111222	JP20110006001U	20111013
US2013226120 AA	20130829	US20110879454	20111013
US2014039437 AA	20140206	US20110879498	20111013
US9603750 BB	20170328	US20110879498	20111013
WO12048878 A1	20120419	WO2011EP05138	20111013
WO12048879 A1	20120419	WO2011EP05139	20111013

Probable Assignee: DRYLOCK TECHNOLOGIES NV

Assignee(s):(std)**:** DRYLOCK TECH NV ; ROMANOVA BVA STARTER ; ROMANOVA BVBA STARTER ; VAN DE MAELE MARLEEN

Assignee(s): DRYLOCK TECHNOLOGIES NV

Inventor(s):(std)**:** VAN DE MAELE MARLEEN

Inventor(s): MARLEEN VAN DE MAELE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/53 A61F13/532 A61F13/539 B05C1/10 B05C19/04 B05D1/32 B32B3/28 B32B37/00 B32B37/24 B32B5/16 B32B5/30 B32B7/04 B65B9/04 D04H1/46 F16F15/02 (Advanced/Invention); A61F13/53 (Advanced/Non–invention)

CPC:

A61F13/15658 B32B7/04 B32B3/28 B32B5/16 B32B37/0076 D04H1/465 A61F13/15585 A61F13/539 A61F2013/530562 A61F2013/530591 B05C1/10 B05C19/04 B05D1/32 B05D2401/32 B32B5/30 B32B37/24 B32B2555/02 A61F13/5323 Y10T428/239 Y10T428/24893

European class: A61F13/15M3G A61F13/532B A61F13/539 B32B7/04

US class: 156/379.8 156/390 156/62.2 156/70 28/104 428/206 428/76 604/372 604/384

Classification Explorer

Cited documents: WO9526209 A1, WO9521596 A1, WO9517868 A1, WO12052173, US9295593 BB, US8633347 BB, US6833014 BB, US6591584 BA, US6162327 A, US6015608 A, US5938650 A, US5643238 A, US5593399 A, US5494622 A, US5433715 A, US5411497 A, US5118376 A, US5030314 A, US4795454 A, US4715918 A, US4381783 A, US4209553 A, US4124116 A, US2014296817 AA, US2008312621 AA, US2008312618 AA, US2007167928 AA, US2007088308 AA, US2006021695 AA, US2006004334 AA, US2003208177 AA, US2002095127 AA, JP2006263074 A2, GB2283680 A1, GB2283679 A1, EP2022452 A1, EP1655007 A1, EP1632206 A1, EP1621166 A1, EP1447066 A1, EP1142785 A1, EP10447027, EP0844859 A1, EP0724418 A1, EP0512010 A1, EP0432126 A1, EP0336578 B1, EP0336578 A1,

0) US2011311345A – HIGH ROLL DENSITY FIBROUS STRUCTURES

96) Family number: 50180797 (US2011311345A) © PatBase

Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Priority:

CA20112803084	20110615	CA20162803084	20160511	US20100356208P	20100618
US20110162630	20110617	WO2011US40513	20110615	US20170460321	20170316

Family:

Publication number	Publication date	Application number	Application date
AU2011268401 AA	20111222	AU20110268401	20110615
CA2803084 AA	20121218	CA20112803084	20110615
CA2803084 C	20160809	CA20112803084	20110615
CA2928608 AA	20111222	CA20112928608	20110615
EP2582876 A2	20130424	EP20110729508	20110615
FR2961529 A1	20111223	FR20110055311	20110617
MX2012014954 A1	20130212	MX20120014954	20110615
US2011311345 AA	20111222	US20110162630	20110617
US2017183824 AA	20170629	US20170460321	20170316
WO11159792 A2	20111222	WO2011US40513	20110615
WO11159792 A3	20120202	WO2011US40513	20110615

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** MCNEIL KEVIN BENSON

Inventor(s): KEVIN BENSON MCNEIL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F1/07 B65G49/00 B65G65/00 B65H18/08 B65H18/28 D21H17/07 D21H21/18 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/02 D21H27/005 B31F1/07 B65H18/08 D21H27/002 B31F2201/0733 B31F2201/0738

European class: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J

US class: 162/100 162/100S 162/109 162/109S 162/114 162/114S 414/800 414/800P

Classification Explorer

Cited documents: WO08107845 A2, WO03074398 A2, US7704601 BB, US7687140 BB, US7455260 BB, US7392961 BB, US7092781 BB, US7035706 BB, US7000864 BB, US6993964 BB, US6991144 BB, US6845282 BB, US6746569 BA, US6354530 BA, US6142407 A, US5913490 A, US5899404 A, US5810282 A, US5732901 A, US5712210 A, US5690297 A, US5667162 A, US5660350 A, US5335869 A, US4919351 A, US4300981 A, US3994771 A, US3977619 A, US26773605, US2012301536 AA, US2010030174 AA, US2010028621 AA, US2008245693 AA, US2007102559 AA, US2005132904 AA, US18547708, US18545808,

0) US2010248925A – ROLLING MECHANISM FOR HAVING AN OPENING PERFORA...

97) Family number: 46990399 (US2010248925A) © PatBase

Title: ROLLING MECHANISM FOR HAVING AN OPENING PERFORATION LINE ON A PLASTIC PACKAGING FILM AND METHOD THEREOF

Priority: EP20090171007 20090922 TW20090110582 20090331 TW20090110682 20090331

Family:

Publication number	Publication date	Application number	Application date
DE602009011674 D1	20130131	DE200960011674T	20090922
EP2236256 A1	20101006	EP20090171007	20090922
EP2236256 B1	20121205	EP20090171007	20090922
ES2399373 T3	20130327	ES20090171007T	20090922
JP2010240823 A2	20101028	JP20090247407	20091028
JP5138659 B2	20130206	JP20090247407	20091028
TW201034818 A	20101001	TW20090110582	20090331
TWI349607 B	20111001	TW20090110582	20090331
US2010248925 AA	20100930	US20090585019	20090901
US8152706 BB	20120410	US20090585019	20090901

Probable Assignee: CHAN LI MACHINERY CO LTD

Assignee(s):(std)**:** CHAN LI MACHINERY CO LTD ; HSU WEI HSIN

Assignee(s): CHAN LI MACHINERY CO ; CHAN LI MACHINERY CO LTD GUEISHAN SHIANG ; CHAN LI MACHINERY CO LTD TW

Inventor(s):(std)**:** HSU WEI HSIN ; XU WEI XIN

Inventor(s): HSU WEI HSIN 112

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): B26D1/20 B26D1/22 B26D3/08 B26D5/08 B26F1/20 B26F1/38 B26F1/44 B31B1/14 B31B3/14 (Advanced/Invention);
B31B1/14 B31B3/00 (Core/Invention);
B26D5/08 (Core/Non–invention)

CPC: Y10T83/4795 Y10T83/4836 Y10T83/4844 Y10T83/7813 B26F1/20 B26D1/205 B26D7/265 B26D2007/202 B65B61/02 B65D75/5833 B31B50/146 B31B70/14

European class: B26D1/20B B26D7/26C4 B26F1/20 B31B19/14 B65D75/58E1 L26D7/20A L31B201/14D L31B219/14 L65B61/02

US class: 493/241 493/365 493/365S 493/370 493/64 493/64P 493/65 493/65S 83/331 83/345 83/348 83/496

Classification Explorer

Cited documents: US6772663 B2, US4989487, US4982637 A, US4671152 A, US2010167896 AA, US2004182213 AA, TWI301093, TW482713, TW200846155 A, JP9201799 A2, JP8301317 A, JP20081395 A, JP200581512 A, JP2002264087 A2, JP2002264087, JP2000334698 A2, JP2000334698, EP0676262 A1, EP00676262,

DE202008000379 U1

0) WO07081244A1 – METHOD FOR PROVIDING A PERFORATION LINE HAVING ...

98) Family number: 34892824 (WO07081244A1) © PatBase

Title: METHOD FOR PROVIDING A PERFORATION LINE HAVING ENHANCED VISIBILITY ON A FIBROUS WEB MATERIAL, FIBROUS WEB MATERIAL OBTAINED BY THE METHOD AND FIBROUS WEB MATERIAL

Priority: WO2006SE00041 20060111

Family:

Publication number	Publication date	Application number	Application date
WO07081244 A1	20070719	WO2006SE00041	20060111

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SAARVAELI EVA LI ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** SAARVAELI EVA LI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 (Advanced/Invention); A47K10/00 (Core/Invention)

CPC: A47K10/16

European class: A47K10/16

Classification Explorer

Cited documents: US6548136 BA, US5753331 A, US4238541 A,

0) US2003132549A – METHOD AND APPARATUS FOR WEAKENING A PORTION OF...

99) Family number: 28828693 (US2003132549A) © PatBase

Title: METHOD AND APPARATUS FOR WEAKENING A PORTION OF A WEB

Priority: US20010034994 20011228 WO2002US20720 20020627

Family:

Publication number	Publication date	Application number	Application date
AU2002346004 AA	20030724	AU20020346004	20020627
US2003132549 AA	20030717	US20010034994	20011228
US6838040 BB	20050104	US20010034994	20011228
WO03057436 A1	20030717	WO2002US20720	20020627

Probable Assignee:	KIMBERLY CLARK WORLDWIDE INC
Assignee(s):(std):	HAJOS TODD W ; KIMBERLY CLARK CO ; MLINAR JOSEPH A ; WAGNER KENNETH J
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC
Inventor(s):(std):	HAJOS TODD W ; MLINAR JOSEPH A ; WAGNER KENNETH J
Inventor(s):	TODD W HAJOS ; JOSEPH A MLINAR ; KENNETH J WAGNER
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
International class (IPC 8–9):	B26F3/00 B31F1/10 (Advanced/Invention); B26F3/00 B31F1/00 (Core/Invention)
International class (IPC 1–7):	A61F13/15 B26D7/06 B26F3/00 B28B11/08 B29C51/02 B29C51/10 B29C59/00 B29C69/02 B31F1/07 B44C1/24
CPC:	Y10T83/66 Y10T225/12 Y10T225/321 B26F3/002 B31F1/10
European class:	B26F3/00B B31F1/10
US class:	101/32 225/2 225/96 264/154 264/155 264/156 264/293 264/296 264/504 264/555 264/571 425/290 425/291 425/305.1 425/387.1 425/388 83/431
Classification Explorer	
Cited documents:	WO9856328 A1, WO9855292 A1, WO9843573 A1, WO9745333 A1, WO0020208 A1, WO0000119 A2, US6478786 BA, US6395211 BA, US6375646 BA, US6368689 BA, US6361527 BA, US6336922 BA, US6264641 BA, US6217563 BA, US6160200 A, US6132410 A, US6110157 A, US6083210 A, US6033353 A, US6027484 A, US5881622 A, US5879500 A, US5876392 A, US5858515 A, US5855574 A, US5820617 A, US5795350 A, US5746730 A, US5704566 A, US5603708 A, US5573524 A, US5562964 A, US5531732 A, US5449353 A, US5415649 A, US5375751 A, US5370634 A, US5340424 A, US5141142 A, US5037414 A, US4946086 A, US4940464 A, US4886632 A, US4850992 A, US4850988 A, US4842596 A, US4785696 A, US4771483 A, US4770656 A, US4699622 A, US4687477 A, US4681580 A, US4675015 A, US4646362 A, US4619649 A, US4610681 A, US4573986 A, US4561579 A, US4480000 A, US4407284 A, US4269188 A, US4217327 A, US3845682 A, US3835754 A, US3716132 A, US3667466 A, US3488778 A, JP3205053 A2, JP3176053 A2, JP10315339 A2, EP1010503 A2, EP0907510 B1, EP0844062 A1, EP0757550 B1, EP0570980 A1, EP0319314 A2, DE19813334 A1,

0) US2010252475A – SANITARY THIN PAPER CONTAINING BOX

100) Family number: 43386584 (US2010252475A) © PatBase

Title:	SANITARY THIN PAPER CONTAINING BOX
Priority:	EP20080860141 20081209 JP20070319002 20071210 WO2008JP72336 20081209

Family:

Publication number	Publication date	Application number	Application date
CN101896409 A	20101124	CN200880119452	20081209
CN101896409 B	20120829	CN200880119452	20081209
DE602008036502 D1	20150305	DE200860036502T	20081209
EP2233406 A1	20100929	EP20080860141	20081209
EP2233406 A4	20120307	EP20080860141	20081209
EP2233406 B1	20150121	EP20080860141	20081209
JP2009137643 A2	20090625	JP20070319002	20071210
JP4572228 B2	20101104	JP20070319002	20071210
KR101488553 B1	20150202	KR20107014963	20081209

KR20100101131 A	20100916	KR20107014963	20081209
US2010252475 AA	20101007	US20080746619	20081209
WO09075266 A1	20090618	WO2008JP72336	20081209

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** KONUMA ATSUSHI ; DAIO SEISHI KK

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO SHI

Inventor(s):(std)**:** ATSUSHI KONUMA ; KONUMA ATSUSHI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/20 A47K10/42 B65D5/70 B65D83/00 B65D83/08 (Advanced/Invention); A47K10/20 A47K10/42 B65D5/70 B65D83/08 (Advanced/Non–invention); A47K10/00 A47K10/24 B65D83/00 B65D83/08 (Core/Invention)

CPC: Y02W30/807 B65D83/0894

European class: B65D83/08H

US class: 206/494

Classification Explorer

Cited documents: US7360667 BB, US6863192 BB, US5908153 A, US5542598 A, US5332117 A, US5219421 A, US3603452 A, US2636599 A, US2006273107 AA, US2006000739 AA, US2005269343 AA, US2004112783 AA, JP9169370 A2, JP2007297079 A2, JP2005225564 A2, JP2005225563 A2, JP2005035592 A2, JP2001315868 A2, JP2000281155 A2,

- **search:** SS11 (10) and FT=(roll* and sheet*) (Results 563)
- List: SS11 1–50 ((10) and FT=(roll* and sheet*)) (Results 563)

0) US2004238135A – FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET...

1) Family number: 32366228 (US2004238135A) © PatBase

Title: FABRIC CREPE PROCESS FOR MAKING ABSORBENT SHEET

Priority:

CA20032501329	20031006	CA20032724104	20031006	CA20052559343	20050419
CA20052780065	20050419	CA20032724119	20031006	CA20032724121	20031006
EP20030773123	20031006	EP20050733808	20050412	CA20112501329	20110105
CA20142603753	20140814	CA20062603753	20060321	CN200580011734	20050419
CN200680017417	20060413	CA20122559343	20120703	US20020416666	20021007
US20020416666	20021007	US20020416666P	20021007	EP20060750109	20060413
EP20060739068	20060321	EP20060773075	20060613	EP20070795053	20070516
EP20130001369	20060321	EP20130001373	20060321	IN2006DN05449	20060919
EP20120001672	20050412	EP20140001776	20070516	EP20140001776	20140520
EP20080012591	20031006	EP20050736694	20050419	EP20140001775	20070516
US20070901673	20070918	US20060808863P	20060526	US20070804246	20070516
US20070901599	20070918	US20050693699	20050624	US20040563519	20040419
US20040562025	20040414	US20050673492	20050421	US20080156820	20080605
US20080156834	20080605	US20080286435	20080930	US20090319507	20090108
US20090319508	20090108	US20050108375	20050418	US20050104014	20050412

US20090460972	20090727	US20090460124	20090714	US20040563519P	20040419
US20050108458	20050418	US20050673492P	20050421	US20060402609	20060412
US20060451112	20060612	US20060451111	20060612	US20050693699P	20050624
US20030679862	20031006	US20030679682	20031006	US20040562025P	20040414
US20050804375	20050418	US20060451111	20060601	US20060402609P	20060412
US20030679862	20031003	US20060808863	20060526	WO2006US10132	20060321
WO2006US13973	20060413	WO2006US23037	20060613	WO2007US11967	20070516
US20100657645	20100125	US20090655555	20091231	WO2005US13272	20050419
US20100804210	20100716	US20100924233	20100923	WO2003US31418	20031006
US20120397753	20120216	US20120402132	20120222	US20110041706	20110307
US20120397745	20120216	US20120397756	20120216	US20120402153	20120222
WO2005US12320	20050412	US20120401981	20120222	US20120460940	20120501
US20120460936	20120501	US20120460891	20120501	US20120460885	20120501
US20100924233	20100930	US20130794982	20130312	US20130927250	20130626
US20140220244	20140320	US20150601386	20150121		

Family:

Publication number	Publication date	Application number	Application date
AT414819 E	20081215	AT20030773123T	20031006
AU2003279792 AA	20040504	AU20030279792	20031006
CA2501329 AA	20050405	CA20032501329	20031006
CA2501329 C	20120605	CA20032501329	20031006
CA2559343 AA	20060911	CA20052559343	20050419
CA2559343 C	20150106	CA20052559343	20050419
CA2559526 AA	20060911	CA20052559526	20050412
CA2559526 C	20130723	CA20052559526	20050412
CA2603746 AA	20071003	CA20062603746	20060413
CA2603746 C	20131112	CA20062603746	20060413
CA2603753 AA	20071003	CA20062603753	20060321
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CA2612663 AA	20071219	CA20062612663	20060613
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CA2652814 AA	20081118	CA20072652814	20070516
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CA2724104 AA	20040422	CA20032724104	20031006
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CA2858122 AA	20061026	CA20062858122	20060321
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CN101208475 B	20130116	CN200680022759	20060613	
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CN101575823 A	20091111	CN200910134887	20050412	
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CN101824772 A	20100908	CN200910174926	20050419	
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CN104195865 B	20160817	CN201410326502	20050419	
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EP1985754 A3	20140423	EP20080012591	20031006
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EP2581213 A1	20130417	EP20130150443	20060413
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EP2607549 B1	20160316	EP20130001369	20060321
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EP2610051 A3	20130731	EP20130001373	20060321
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EP2792789 A1	20141022	EP20140001775	20070516
EP2792789 B1	20170830	EP20140001775	20070516
EP2792790 A1	20141022	EP20140001776	20070516
EP2792790 B1	20160921	EP20140001776	20070516
EP3064645 A1	20160907	EP20160158733	20060321
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EP3205769 A1	20170816	EP20170000546	20050419
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ES2416706 T3	20130802	ES20060750109T	20060413
ES2461860 T3	20140521	ES20060773075T	20060613
ES2469567 T3	20140618	ES20060739068T	20060321
ES2484140 T3	20140811	ES20070795053T	20070516
ES2552762 T3	20151202	ES20050733808T	20050412
ES2568556 T3	20160429	ES20130001373T	20060321
ES2568738 T3	20160504	ES20130001369T	20060321
ES2590139 T3	20161118	ES20120001672T	20050412
ES2593793 T3	20161213	ES20080012591T	20031006
ES2600138 T3	20170207	ES20140001776T	20070516

ES2642052 T3	20171115	ES20140001775T	20070516
HK1079828 A1	20090430	HK20050112078	20051229
HK1079828 A3	20060413	HK20050112078	20051229
HK1095861 A1	20160226	HK20070101896	20070216
HK1095861 A3	20070518	HK20070101896	20070216
HK1099059 A3	20070803	HK20070105311	20070521
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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** EDWARDS STEVEN L ; EGGEN RICHARD W ; DUGGAN DVID P ; DUGGAN DAVID P ; FORT DZHEJMS CORP ; DWIGGINS JOHN H ; DZHORDZHIJA PEHSIFIK KONS JUME ; DZHORDZHIJA PEHSIFIK KONS JUMER PRODAKTS LP ; DZHORDZHIJA PASIFIK KONZ JUMER PRODAKTS EHLPI ; BAUMGARTNER DEAN J ; CHOU HUNG L ; CHOU HUNG LIANG ; FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GPCP IP HOLDINGS LLC ; SUPER GUY H ; MCCULLOUGH STEPHEN J ; KRUEGER JEFFREY E ; LOMASX DAVID W ; JONES COLIN A ; LOMAX DAVID W ; MURRAY FRANK C ; WENDT GREG ; WENDT GREG A ; LYSE THOMAS E ; HUNTER MARK S ; YEH KANG C ; YEH KANG CHANG ; REEB RONALD R ; HARPER FRANK D

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET, N.E.ATLANTAGA30303US ; FORT JAMES CORP133 PEACHTREE STREET N.E.ATLANTAGA30303–1847US ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; MURRAY FRANK ; MCCULLOUGH STEPHEN ; GEORGIA PACIFIC CONSUMER PRODU ; GEORGIA PACIFIC CONSUMER PRODUCTS L P ; FORT DZHEJMS KORPOREJSHN ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BAUMGARTNER D J ; BAUMGARTNER DEAN J ; BAUMGARTNER DIN DZH ; CHOU HUNG ; CHOU HUNG L ; CHOU HUNG LIANG ; DAVID P DUGGAN ; DAVID W LOMASX ; DEAN J BAUMGARTNER ; DUGGAN D P ; DUGGAN DAVID P ; DUGGAN

DVID P ; DVID P DUGGAN ; DVIGGINS DZHON KH ; CHOU KHUN LJAN ; COLIN A JONES ; DAGGEHN DEHVID P ; DWIGGINS JOHN ; DWIGGINS JOHN H ; DZHOUNS KOLIN A ; EDWARDS S L ; EDWARDS STEVEN ; EDWARDS STEVEN L ; EDWARDS STEVEN L MCCULLOUGH ST ; EDWARDS STEVEN L SUPER GUY H M ; EGGEN R W ; EGGEN RICHARD W ; EHDVARDS STIVEN L ; EKH KAN CHAN ; EKH KAN S ; FRANK D HARPER ; GREG WENDT ; GUY H SUPER ; HARPER FRANK ; HARPER FRANK D ; HUNG LIANG CHOU ; HUNTER MARK ; HUNTER MARK S ; JEFFREY E KRUEGER ; JOHN H DWIGGINS ; JONES C A ; JONES COLIN A ; KANG CHANG YEH ; KHANTER MARK S ; EHGGEN RICHARD V ; KHARPER FREHNK D ; KRUEGER J E ; KRUEGER JEFFREY E ; LAJS TOMAS EH ; LIANG CHOU HUNG ; LOMASX D W ; LOMASX DAVID W ; LOMAX DAVID W ; LOUMAKS DEHVID V ; KRJUGER DZHEFFRI EH ; LYSE THOMAS ; LYSE THOMAS E ; MAKKALLAF STEFEN DZH ; MCCULLOUGH S J ; MCCULLOUGH STEPHEN ; MCCULLOUGH STEPHEN J ; MJURREJ FREHNK S ; MURRAY FRANK ; MURRAY FRANK C ; MURRAY FRANK C WENDT GREG EDWA ; REEB RONALD ; REEB RONALD R ; RICHARD W EGGEN ; RONALD R REEB ; S JUPER GAJ KH ; STEPHEN J MCCULLOUGH ; STEVEN L EDWARDS ; SUPER G H ; SUPER GUY ; SUPER GUY H ; RIB RONAL D R ; UEHNDT GREHG ; WENDT GREG ; WENDT GREG A ; YEH KANG ; YEH KANG C ; YEH KANG CHANG

Inventor(s): YEH KANG CHANG NEENAH ; YEH KANG C NEENAH ; WENDT GREGUS ; WENDT CREG ; RIB RONAL'D R. ; SUPER GUY H MENASHA ; SUPER GUY HUS ; S'JUPER GAJ KH. ; REEB RONALD R DE PERE ; REEB RONALD R DEPERE ; MURRAY FRANK C WENDT GREG EDWARDS STEVEN L MCCULLO ; MURRAY FRANK CUS ; MURRAY FRANKUS ; MURRAY FRANK C MARIETTA ; MCCULLOUGH STEPHEN J MOUNT CALVARY ; MCCULLOUGH STEPHEN J MT CALVARY ; MCCULLOUGH STEPHEN JUS ; MCCULLOUGH STEPHENUS ; MCCULLOUGH STEPHAN J ; LYSE THOMAS E VANCOUVER ; HUNTER MARK S DENMARK ; HARPER FRANK D NEENAH ; FRANK C MURRAY ; EDWARDS STEVEN L SUPER GUY H MCCULLOUGH STEPHENJ B ; EDWARDS STEVEN LUS ; EDWARDS STEVEN L FREMONT ; DWIGGINS JOHN H NEENAH ; CHOU HUNG LIANG NEENAH

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): D21F5/00 D21F7/00 A47K10/02 A47K10/16 A61L15/16 B31F1/07 B31F1/12 B31F1/16 B32B3/00 B32B5/02 B32B5/26 B65H19/00 C09J129/04 C09J177/00 D21F1/12 D21F11/00 D21F11/02 D21F11/14 D21F3/00 D21F3/02 D21F5/02 D21F9/00 D21H11/00 D21H11/08 D21H11/14 D21H11/20 D21H15/04 D21H17/24 D21H17/52 D21H17/55 D21H21/14 D21H21/20 D21H21/22 D21H23/00 D21H23/24 D21H25/00 D21H25/04 D21H27/00 D21H27/02 D21H27/08 D21H27/20 D21H27/30 D21H27/40 (Advanced/Invention); B65H19/00 A47K10/02 C09J177/00 D21H21/20 D21H25/00 D21H27/40 (Advanced/Non–invention); A47K10/00 B31F1/00 B32B3/00 B32B5/02 D21F11/00 D21H11/00 D21H17/00 D21H21/00 D21H21/14 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); D21H21/14 D21H25/00 D21H27/30 (Core/Non–invention); A47K B31F D21F D21H (Subclass/Invention)

International class (IPC 1–7): A01N43/90 B31F1/12 B31F1/16 D21F11/00 D21F11/02 D21F11/14 D21H11/20 D21H21/20 D21H23/24 D21H25/00

CPC: B31F1/12 D21H11/14 A47K10/02 Y10T428/24446 Y10T428/24479 Y10T428/24612 D21H27/30 B31F1/07 B31F2201/0743 B31F2201/0756 B31F2201/0764 B31F2201/0766 B31F2201/0784 B31F2201/0787 B31F2201/0789 D21H27/002 D21H27/008 D21F11/14 D21F11/145 D21H21/20 D21H25/005 D21H27/40 B31F1/126 D21H21/146 D21H27/005 D21H27/007 D21F11/006 D21H27/02 B31F1/16 Y10T428/249965 Y10T428/24455 D21H11/20 D21F11/02

European class: B31F1/07 B31F1/12 B31F1/12F D21F11/00E D21F11/14 D21F11/14B D21H21/14D D21H25/00B D21H27/00D D21H27/00D2B D21H27/00D2B2 D21H27/00D4 D21H27/30 L31F201/07C2D5A L31F201/07E L31F201/07G2B L31F201/07G2D L31F201/07P L31F201/07P2 L31F201/07P4 N21H11/14 N21H21/20 N21H25/00B N21H27/00D N21H27/00D2B N21H27/02 N21H27/40

US class: 1/1 156/183 156/183S 162/100 162/100S 162/101 162/109 162/109S 162/111 162/111S 162/112 162/112S 162/113 162/113S 162/117 162/122 162/123 162/125 162/129 162/132 162/135 162/141 162/142 162/147 162/147S 162/149 162/149S 162/158 162/164.1 162/164.6 162/168.3 162/168.300S 162/172 162/177 162/177S 162/197 162/204 162/205 162/205S 264/282 264/282S 264/283 264/283S 34/398 34/398S 428/152 428/152P 428/153 428/156 428/172 428/311.71 428/311.710S

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0) US2007137808A – TREATED TISSUE PRODUCTS HAVING INCREASED STRENG...

2) Family number: 34576949 (US2007137808A)

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Probable Assignee: DOW GLOBAL TECHNOLOGIES LLC

Assignee(s):(std)**:** BAKER JERRY W ; BOISVERT JEAN PHILIPPE ; BUCKLEY GREGOR ROBERT ; CLOUGH PERRY ; CLOUGH PERRY H ; DOW GLOBAL TECHNOLOGIES INC ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER BRENT ; DYER THOMAS ; GOULET MIKE ; FETNER CHRISTOPHER ; KIMBERLY CLARK CO ; RUNGE TROY M ; GOULET MIKE T ; NICKEL DEBORAH ; LOSTOCCO MICHAEL R ; REKOSKE MICHAEL J ; NICKEL DEBORAH JOY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; KIM JIN MI ; KIMBERLY CLARK CO US ; RAVAL MANISH ; RAVAL MANISH DILIP ; DOW GLOBAL TECHNOLOGIES LLC ; KIMBERLY CLARK CORP ; ZWICK KENNETH J ; TIMM JEFFREY J ; SHANNON THOMAS GERARD ; ZWICK KENNETH JOHN ; TIMM JEFFREY ; ZWICK KENNETH ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCHEFSKY CRAIG FARRELL ; THOMASCEFSKY CRAIG FARRELL

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH ; DOW GLOBAL TECHNOLOGIES LLC MIDLAND ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK ; KIMBERLEY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAKER JERRY W ; BRENT FETNER CHRISTOPHER ; BUCKLEY GREGOR ROBERT ; CHRISTOPHER B FETNER ; CLOUGH PERRY ; CLOUGH PERRY H ; DEBORAH J NICKEL ; DYER THOMAS J ; DYER THOMAS JOSEPH ; FETNER CHRISTOPHER B ; FETNER CHRISTOPHER BRENT ; GOULET MIKE T ; JEFFREY J TIMM ; KENNETH J ZWICK ; LOSTOCCO MICHAEL R ; MIKE T GOULET ; NICKEL DEBORAH ; NICKEL DEBORAH J ; NICKEL DEBORAH JOY ; NIKEL DEBORA DZHOJ ; PERRY H CLOUGH ; RAVAL MANISH ; RAVAL MANISH DILIP ; REKOSKE MAJKL DZH ; MICHAEL J REKOSKE ; REKOSKE MICHAEL J ; REKOSKE MICHAEL JOHN ; RUNGE TROJ M ; RUNGE TROY M ; SHANNON THOMAS G ; SHANNON THOMAS GERARD ; SMITH MEGAN CHRISTINE HANSEN ; THOMASCEFSKY CRAIG FARRELL ; THOMASCHEFSKY CRAIG FARRELL ; TIMM DZHEFFRI DZH ; TIMM JEFFREY J ; TROY M RUNGE ; TSVIK KENNET DZHON ; ZWICK KENNETH J ; MICHAEL R LOSTOCCO ; LOSTOKKO MAJKL R ; KLOF PERRI KH ; JOY NICKEL DEBORAH ; JOHN ZWICK KENNETH ; ZWICK KENNETH JOHN ; GULE MAJK T ; ZWICK KENNETH ; TIMM JEFFREY ; RUNGE TROY ; REKOSKE MICHAEL ; LOSTOCCO MICHAEL ; GOULET MIKE ; DYER THOMAS ; VITNIR CHRISTOPHER BRENT ; TIM JEFFREY J ; RUNGE TROY MOTHER ; RIOSKI MICHAEL J ; OSTOKO MICHAEL R TO ; NIKHIL

DEBORAH JOY ; NICHEL DEBORAH JOY ; MONASTERY THOMAS JOSEPH ; JOSEPH DYER THOMAS ; JOLIET MICKEY T ; H PERRY CLOUGH ; H CLOUGH PERRY ; FETNER CHRISTOPHER ; DEBORAH NICKEL ; TSVIK KENNET DZH ; RIKOSKI MAJKL DZH ; NIKKEL DEBORA ; KLAF PERRI KH ; REBOSKE MICHAEL J ; DAJER TOMAS DZHOZEF ; THOMAS JOSEPH DYER DEBORAH JOY ; THOMAS JOSEPH DYER MICHAEL R L ; THOMAS J DYER

Inventor(s): RUNGE TROY M AND ; BAKER JERRY ; NIKEL' DEBORA DZHOJ ; ZWICK KENNETH JOHN NEENAH ; ZWICK KENNETH J AND ; TROY MRUNGE ; TIMM JEFFREY J AND ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH... ; NICKEL DEBORAH JOY APPLETON ; MIKE GOULET ; MICHAEL RLOSTOCCO ; DYER THOMS ; DEBORAH NICKEL THOMAS JOSEPH DYER MICHAEL R LOSTOCCO TROY M RUNGE ; FETNER CHRISTOPHER NEENAH ; NIKKEL' DEBORA ; JEFFFREY J TIMM ; THOMAS JOSEPH DYER MICHAEL R LOSTOCCO DEBORAH JOY NICKEL TROY M RUNGE KENNETH JOHN ZWICK MIKE T GOULET JEFFREY ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLUGH ; THOMAS JOSEPH DYER DEBORAH JOY NICKEL KENNETH JOHN ZWICK MIKE T GOULET JEFFREY J TIMM PERRY H CLOUGH ; HCLOUGH PERRY ; DEBORAH JOY NICKEL ; ZWICK KENNETH NEENAH ; PERRY H CLUGH ; JEFFREY ; KENNETH JOHN ZWICK ; ZWICK KENNETH J NEENAH ; TIMM JEFFREY J MENASHA ; TIMM JEFFREY MENASHA ; THOMAS JOSEPH DYER ; RUNGE TROY M NEENAH ; RUNGE TROY NEENAH ; SHANNON THOMAS ; REKOSKE MICHAEL J APPLETON ; MICHAEL JOHN REKOSKE ; REKOSKE MICHAEL APPLETON ; NICKEL DEBORAH APPLETON ; LOSTOCCO MICHAEL R APPLETON ; LOSTOCCO MICHAEL APPLETON ; GOULET MIKE T NEENAH ; GOULET MIKE NEENAH ; DYER THOMAS JOSEPH NEENAH ; DYER THOMAS NEENAH ; CLOUGH PERRY H NEENAH ; CLOUGH PERRY NEENAH ; CHRISTOPHER BRENT FETNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): D21H21/14 A45D33/38 A47K10/00 A47K10/02 A47K10/16 A47L13/16 A61F13/15 A61K8/02 A61K8/81 A61Q19/00 B05D5/00 B05D7/04 B31F1/07 B31F1/12 B31F1/16 B32B29/00 B32B29/04 B32B5/22 C09J123/08 C09J131/04 C09J133/02 C11D17/04 C11D7/04 D04H1/54 D21F11/00 D21F11/14 D21H11/00 D21H13/00 D21H17/00 D21H17/20 D21H17/33 D21H17/34 D21H17/35 D21H17/37 D21H17/43 D21H19/00 D21H19/20 D21H19/22 D21H19/66 D21H21/18 D21H21/20 D21H21/22 D21H21/24 D21H23/00 D21H23/22 D21H23/50 D21H23/52 D21H23/56 D21H23/76 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); D21H17/34 D21H17/37 D21H19/20 D21H27/02 (Advanced/Non–invention); A47K10/00 A47L13/16 B31F1/00 B32B5/22 C08L C11D C11D17/04 C22C D04H1/54 D21H11/00 D21H13/00 D21H17/00 D21H19/00 D21H21/14 D21H21/22 D21H23/00 D21H25/00 D21H27/00 D21H27/02 D21H27/30 (Core/Invention); C11D17/04 D21H17/00 D21H19/00 D21H21/18 D21H27/02 (Core/Non–invention); C11D D21H (Subclass/Invention)

International class (IPC 1–7): A47K10/16 B31F1/12 C08L C11D C11D17/04 C22C D04H1/54 D21H17/33 D21H17/37 D21H19/20 D21H21/14 D21H21/18 D21H21/20 D21H21/22 D21H27/00 D21H27/30

CPC: D21H21/20 D21H23/50 D21H27/02 B31F1/07 B31F2201/0733 B31F2201/0784 B31F2201/0787 D21H17/34 C11D17/041 D21H13/10 D21H19/12 D21H19/18 D21H25/005 D21H21/1 D21H19/2 D21H27/0 B32B2264/0257 B32B2307/54 B32B2555/00 Y10T428/24405 A47L13/17 A61Q1/14 A61Q19/10 C11D3/3749 C11D3/3757 C11D17/049 D21F11/14 D21F11/145 D21H17/36 D21H27/008 D21H27/30 A61K8/0208 A61K8/8111 A61K8/8147 A61Q19/00 D21H17/35 D21H27/001 D21H27/005 D21H27/00 D21H19/22 D21H21/22 B32B29/005 B32B2317/12 B32B2432/00 A47K10/16 B32B5/22 D21H17/37 D21H19/20 D21H21/146 D21H21/18 D21H27/002

European class: A47K10/16 A47L13/17 A61K8/02C A61K8/81C2 A61K8/81K2 A61Q19/00 B31F1/07 B32B5/22 C11D17/04B C11D17/04F C11D3/37C2 C11D3/37C6 D21F11/14 D21F11/14B D21H17/37 D21H21/14D D21H21/18 D21H21/20 D21H21/22 D21H25/00B D21H27/00 D21H27/00D D21H27/00D2B D21H27/00D4 K61Q1/14 K61Q19/10 L31F201/07C2D3G L31F201/07P L31F201/07P2 N04H13/00B2 N21H13/10 N21H17/34 N21H17/35 N21H17/36 N21H17/37 N21H19/12 N21H19/18 N21H19/20 N21H19/22 N21H21/14D N21H21/18 N21H21/20 N21H21/22 N21H23/50 N21H27/00B N21H27/00D N21H27/00D4 N21H27/02 N21H27/30

US class: 162/103 162/103S 162/109 162/111 162/111S 162/112 162/115 162/115S 162/117 162/117S 162/123 162/123S 162/124 162/124S 162/135 162/146 162/157.1 162/157.100S 162/157.2 162/158 162/158S 162/164.1 162/164.100 162/164.100S 162/164.7 162/164.700S 162/168.1 162/168.100P 162/168.100S 162/168.7

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CA2273912 AA,

0) US2010186913A – BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORB...

3) Family number: 46402347 (US2010186913A) © PatBase

Title: BELT–CREPED, VARIABLE LOCAL BASIS WEIGHT ABSORBENT SHEET PREPARED WITH PERFORATED POLYMERIC BELT

Priority:

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Family:

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WO13016377 A4	20130718	WO2012US48046	20120725
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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERNARD AYANNA M ; DZHORDZHIYA PESIFIK KONSYUMER PRODAKTS LP ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; MCCULLOUGH STEPHEN J ; RUTHVEN PAUL J ; MILLER JOSEPH H ; WENDT GREG A ; SUPER GUY H ; SZE DANIEL H ; WAHAL SANJAY ; SUMNICHT DANIEL W ; GEORGIA PACIFIC LLC

Assignee(s): GEORGIA PACIFIC CONSUMER PRODUCTS LP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LPUS ; GEORGIA PACIFIC CONSUMER PRODUCTS

Inventor(s):(std)**:** BERNARD AYANNA M ; MCCULLOUGH STEPHEN J ; MILLER JOSEPH H ; RUTHVEN PAUL J ; SUMNICHT DANIEL W ; SUPER GUY H ; WAHAL SANJAY ; WENDT GREG A ; ZUMNIKHT DENIEL U ; VAKHAL SANDZHAJ ; STEPHEN J MCCULLOUGH ; PAUL J RUTHVEN ; MILLER DZHOZEF KH ; JOSEPH H MILLER ; GUY H SUPER ; SZE DANIEL H ; DANIEL H SZE ; GREG A WENTZ

Inventor(s): SZE DANIEL H APPLETON ; GREG A WENDT ; WENDT GREG A NEENAH ; SUPER GUY H MENASHA ; RUTHVEN PAUL J NEENAH ; MILLER JOSEPH H NEENAH ; MCCULLOUGH STEPHEN J MOUNT CALVARY

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F B31F1/07 B31F1/12 B31F1/16 B31F1/18 B32B29/00 B32B3/00 D21F D21F1/00 D21F1/50 D21F11/00 D21F11/14 D21F2/00 D21F3/00 D21F3/10 D21H D21H11/00 D21H11/18 D21H13/08 D21H15/02 D21H21/14 D21H25/00 D21H27/00 D21H27/02 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); B31F1/07 D21F2/00 D21F3/00 (Advanced/Non–invention); B31F1/00 D21F1/00 D21F11/00 D21F2/00 D21F3/00 D21H27/00 D21H27/02 (Core/Invention); D21F11/14 D21F2/00 D21F3/00 D21H25/00 D21H27/38 D21H27/40 (Core/Non–invention); B31F D21F D21H (Subclass/Invention)

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US class: 1/1 162/109 162/111 162/113 162/117 162/123 162/129 162/146 162/149 162/157.6 428/153 428/156 428/156P

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0) US2010230857A – PROCESS FOR MAKING AN EMBOSSED WEB

4) Family number: 46842448 (US2010230857A)

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Priority:

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Family:

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; PROCTER AND GAMBLE ; GROSS SARAH BETH ; MUHS KEVIN GERARD ; HAMMONS JOHN LEE ; ORR JILL MARLENE ; LAKE KIRK WALLACE ; MULLANE TIMOTHY IAN ; YOUNG ROGER DALE ; STONE KEITH JOSEPH ; VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; VAN VALKENBURG CURTIS HUNTER ; STRUBE JOHN BRIAN ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH

Assignee(s): DZE PROKTER EHND GEHMBL KOMPANI ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE COWORLD SHAVING HEADQUARTERSIP/LEGAL PATENT DEPARTMENT – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE COWORLD SHAVING H.Q.IP/LEGAL PATENT DEPT. – 3EONE GILLETTE PARKBOSTONMA02127US ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** VAN VALKENBURGH CURTIS HUNTER ; YOUNG ROGER D ; GROSS SARA BETH ; DALE YOUNG ROGER ; YOUNG ROGER DAYLE ; VANVALKENBURGH CURTIS HUNTER ; VALKENBURGH CURTIS HUNTER VAN ; MULLANE TIMOTHY IAN ; LAKE KIRK WALLACE ; YOUNG ROGER DALE ; TIMOTHY IAN MULLANE ; STONE KEITH JOSEPH ; KIRK WALLACE LAKE ; JOHN LEE HAMMONS ; JOHN JOSEPH CURRO ; JOHN BRIAN STRUBE ; JILL MARLENE ORR ; HUNTER VALKENBURGH CURTIS VAN ; GEORGE COE RICHARD ; FRANCIS GRAY BRIAN ; EOUNG ROGER D ; BETH GROSS SARAH ; VAN VALKENBURG CURTIS HUNTER ; COE RICHARD GEORGE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; GROSS SARAH BETH ; JOSEPH STONE KEITH ; MUHS KEVIN GERARD ; KEITH JOSEPH STONE ; STRUBE JOHN BRIAN ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; CURRO JOHN JOSEPH ; GERARD MUHS KEVIN

Inventor(s): STONE KEITH JOSEPH YOUNG ROGER DALE ; STONE KELTH JOSEPH ; STONE KELTH JOSEPH YOUNG ROGER D ; VAN VALKENBURGH CURTIS ; ROGER DALE YOUNG ; SARAH BETH GROSS ; ROGER DAYLE YOUNG ; ROGER D YOUNG ; RICHARD GEORGE COE ; KEVIN GERARD MUHS ; GARY WAYNE GILBERTSON ; CURTIS HUNTER VAN VALKENBURGH ; BRIAN FRANCIS GRAY ; YOUNG ROGER DALEUS ; STONE KEITH JOSEPHUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE

GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9):

A47L13/16 A61C13/01 A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/551 B26F1/24 B26F1/26 B28B11/08 B29C B29C43/24 B29C43/56 B29C55/18 B29C59/00 B29C59/02 B29C59/04 B29C63/02 B29C65/00 B29C65/18 B29C65/56 B29C65/66 B29C65/76 B29D7/01 B31B B31B39/14 B31F1/07 B32B B32B1/00 B32B27/06 B32B27/08 B32B27/12 B32B27/20 B32B27/32 B32B3/00 B32B3/10 B32B3/24 B32B3/26 B32B3/28 B32B3/30 B32B37/06 B32B38/06 B32B5/02 B32B5/06 B32B5/16 B32B5/24 B32B5/26 B32B7/00 B32B7/02 B32B7/04 B32B7/06 B32B7/08 B44C1/24 B44F1/08 B65B51/04 B65D30/02 B65D75/00 B65D75/04 B65F1/00 C08J5/18 D04H1/44 D04H1/72 D04H1/732 D04H1/76 D04H11/00 D04H11/08 D04H13/00 D04H3/07 D06C23/04 D06C3/00 D06C3/06 D21H27/02 D21H27/38 G02B5/30 (Advanced/Invention);
A61F13/15 A61F13/538 B29C59/04 B29C59/06 B29C65/70 B29C65/72 B29L31/48 B29L9/00 B32B27/32 B32B37/00 B32B37/10 B32B37/30 B32B38/12 B65D85/00 (Advanced/Non–invention);
A61F13/15 B26F1/00 B28B11/08 B29C43/32 B29C55/18 B29C59/02 B29C59/04 B29C63/02 B29C65/56 B31B39/00 B32B1/00 B32B27/32 B32B3/00 B32B3/10 B32B3/28 B32B3/30 (Core/Invention);
B29C B31B B32B (Subclass/Invention)

International class (IPC 1–7):

B32B3/28

CPC:

B29D7/01 B32B3/263 B29C43/24 B29C66/91221 A61F2013/5386 D04H3/07 D04H11/08 B29C66/9392 B32B9/28 B29C66/91431 B29C66/91218 B29C66/9141 Y10T428/1334 Y10T428/24628 Y10T428/24901 B29C66/934 A61F13/15731 B29C65/18 B29C66/71 B29C66/81435 B29C66/83511 B29C66/83513 B29C66/91421 B29L2009/00 B29L2031/4878 B31F1/07 B32B3/30 B32B2307/726 B32B2307/728 B32B2432/00 B32B2439/00 B32B2555/00 B29C66/939 B29C66/949 B44C1/24 B29C66/73152 A61F13/51104 A61F13/5121 B26F1/24 B29C55/18 B29C66/7294 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83415 B31F2201/0712 B32B5/022 B32B5/06 B32B7/045 B32B7/08 B32B37/0084 B32B2037/1072 B65D75/00 B65D85/00 B29K2023/06 B29K2023/12 B29C65/70 B29C65/72 B29C65/76 B32B7/04 B29C59/022 B29C59/04 B29C59/06 B29C66/21 B29C66/45 B29C66/729 B29C66/81264 B29C66/81423 B29C66/81433 B29C66/83413 B29C66/9121 B29C66/91216 B29C66/91411 B29C66/9161 B29C66/919 B29C66/91935 B29K2995/007 B29K2995/0089 B31F2201/0733 B31F2201/0738 B32B3/266 B32B7/02 B32B27/20 B32B38/06 B32B38/12 B32B2037/0092 B32B2323/04 B32B2323/10 Y10T428/24479 B29C66/81241 B29C66/727 B29C66/43 Y10T428/24612 B29C65/7894 B29C65/7891 B29C66/8322 Y10T428/24975 B32B5/18 B32B5/22 B32B5/24 B32B5/26 B32B9/02 B32B9/04 B32B15/04 B32B15/20 B32B23/04 B32B27/18 B32B27/22 B32B27/306 B32B27/308 B32B27/32 B32B27/322 B32B27/34 B32B27/36 B32B2262/02 B32B2262/0253 B32B2262/062 B32B2262/14 B32B2270/00 B32B2307/10 B32B2307/30 B32B2307/4026 B32B2307/50 B32B2307/546 B32B2307/72 B32B2553/00 B32B23/00 B32B27/302 B32B2262/04 B32B2307/51 B32B2439/06 B32B2439/46 B32B2439/70 B32B2457/00 B32B5/08 B32B29/002 B32B2264/10 B32B2307/514 B32B2307/54 B32B2581/00 D21H27/02 Y10T428/24273 Y10T428/24281 Y10T428/24636 B29C66/73343 A61F13/15739 D21H27/38 Y10T156/1039 Y10T428/24289 Y10T428/24496 Y10T428/24521 Y10T428/24545 D04H1/76 A61F13/15707 B29C59/046 B29L2009/001 B29C59/043 B32B2264/102 B32B2264/104 B32B2264/108 B32B2307/718 B32B2307/732 B32B15/043 B32B15/18 B32B27/288 B32B27/38 B32B2307/536 B32B2307/554 B32B2307/558 B32B27/06 B26F1/26 B29C65/56 B32B3/28 B32B27/08 B29C66/723 B29C66/72328 B29C66/72343 B32B27/12 B29C66/1122 B29C59/02

European class:

A61F13/15M6 A61F13/15M6C A61F13/15M6D A61F13/511A A61F13/512A B26F1/24 B26F1/26 B29C55/18 B29C59/02C B29C65/18 B29C65/56 B29C66/21 B29C66/45 B29C66/7294 B29C66/81433 B29C66/81435 B29C66/81457 B29C66/8266 B29C66/82661 B29C66/83411 B29C66/83413 B29C66/83415 B29C66/83511 B29C66/83513 B31F1/07 B32B27/12 B32B27/20 B32B3/26B B32B3/28 B32B3/30 B32B38/06 B32B5/02A B32B5/06 B32B7/02 B32B7/04A B32B7/08 B44C1/24 L26F1/24 L29C59/02C L29C59/04 L29C59/06 L29C66/71 L29C66/82661 L29C66/83513 L29C66/919 L29C66/91935 L29C66/939 L29C66/949 L29L31/48E2 L29L9/00 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L32B323/04 L32B323/10 L32B37/00D2 L32B37/00E L32B37/10G L32B38/12

US class:

1/1 156/219 156/219S 162/133 206/524.6 206/524.600S 264/154 264/155 264/156 264/175 264/175S 264/273 264/284 264/284P 264/285 264/286 264/293 264/293P 264/503 264/504 264/504P 264/508 264/509 264/555 264/570 383/105 383/105S 428/131 428/131S 428/132 428/132S 428/133 428/133P 428/138 428/156 428/156P

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0) US2012273146A – BULKED ABSORBENT MEMBERS

5) Family number: 52216844 (US2012273146A)

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; DIPILLA MARIO ; GROSS SARAH BETH ; CURRO JOHN JOSEPH ; DI PILLA MARIO ; MARINELLI LUIGI ; LAKE KIRK WALLACE ; ORR JILL MARLENE ; HAMMONS JOHN LEE ; MULLANE TIMOTHY IAN ; KOCHER LEROY JOSEPH ; ISBURGH ROBERT KARL ; MUHS KEVIN GERARD ; STRUBE JOHN BRIAN ; PRIESSMAN KEITH ROBERT ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE COMAPNY

Assignee(s): PROCTOR AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTER AND GAMBLE COONE PROCTER & GAMBLE PLAZACINCINNATIOH45202US ; PROCTOR AND GAMBLE CO ; PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** CIMINI CARMINE ; COE RICHARD GEORGE ; CURRO JOHN JOSEPH ; DIPILLA MARIO ; GROSS SARAH BETH ; HAMMONS JOHN LEE ; JILL MARLENE ORR ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; JOHNSON KEITH ROBERT ; KIRK WALLACE LAKE ; KOCHER JOSEPH LEROY ; KOCHER LEROY JOSEPH ; LAKE KIRK WALLACE ; LEROY JOSEPH KOCHER ; MULLANE TIMOTHY IAN ; ORR JILL MARLENE ; PILLA MARIO DI ; PRIESSMAN KEITH ROBERT ; MARINELLI LUIGI ; STRUBE JOHN BRIAN ; TIMOTHY IAN MULLANE ; MULLANTE TIMOTHY IAN ; ISBURG ROBERT KARL ; MUHS KEVIN GERARD ; ISBURGH ROBERT KARL ; DI

PILLA MARIO ; CUPRO JOHN JOSEPH

Inventor(s): MARIO DIPILLA ; CARMINE CIMINI ; HAMMONS JOHN LEEUS ; GROSS SARAH BETHUS ; COE RICHARD GEORGEUS ; MULLANE TIMOTHY IANUS ; MUHS KEVIN GERARDUS ; KOCHER LEROY JOSEPHUS ; ISBURGH ROBERT KARLUS ; ORR JILL MARLENEUS ; MARIO DI PILLA ; RICHARD GEORGE COE ; SARAH BETH GROSS ; LUIGI MARINELLI ; JOSEPH LEROY KOCHER ; KEITH ROBERT JOHNSON ; KEITH ROBERT PRIESSMAN ; JOHN LEE HAMMONS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B13/04 A61F13/00 A61F13/15 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 A61L15/20 A61L15/22 B26F1/10 B26F1/14 B26F1/20 B26F1/24 B29C43/24 B29C53/22 B29C53/24 B29C55/08 B29C55/18 B29C59/04 B29C70/46 B31F1/00 B31F1/07 B31F1/20 B31F1/22 B32B1/00 B32B3/00 B32B3/02 B32B3/10 B32B3/24 B65H35/00 B65H35/02 C08F110/02 C08G63/183 D04H1/26 D04H1/425 D06C23/04 D06C3/00 D06C3/06 D21F11/00 D21H27/02 (Advanced/Invention); B29C43/22 B29C43/46 B29C53/22 B29C53/26 B29C53/28 B29C59/04 D21H27/00 (Advanced/Non–invention)

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6) Family number: 30124129 (US2003026950A) © PatBase

Title: SINGLE–PLY EMBOSSED ABSORBENT PAPER PRODUCTS

Priority:

CA20002325682	20001110	CA20002325686	20001110	CA20022414668	20021217
CA20022749070	20021217	CA20022749303	20021217	CA20022749105	20021217
EP20020258801	20021219	US19990165270P	19991112	US20000709139	20001109
US19990165080P	19991112	CA20042476222	20040729	CA20112414668	20110829
CA20112414668	20110830	CA20112414668	20110831	US20040986034	20041112
US20070974162	20071011	US20100861462	20100823	US20020236993	20020905
US20050294245	20051205	US20030635663	20030806	US20020235197	20020905
US20000709185	20001109	US20010036770	20011221	US20060611954	20061218
US20040808431	20040325				

Family:

Publication number	Publication date	Application number	Application date
AT358016 E	20070415	AT20000310059T	20001113
CA2325682 AA	20010512	CA20002325682	20001110
CA2325682 C	20091229	CA20002325682	20001110
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CA2414668 C	20111025	CA20022414668	20021217
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CA2749070 AA	20030621	CA20022749070	20021217
CA2749070 C	20141216	CA20022749070	20021217
CA2749105 AA	20030621	CA20022749105	20021217
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EP1504886 A3	20070815	EP20040254498	20040728
EP2314447 A2	20110427	EP20100014812	20021219
EP2314447 A3	20150304	EP20100014812	20021219
ES2281325 T3	20071001	ES20000310059T	20001113
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US2003138597 AA	20030724	US20010036770	20011221
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US2007144693 AA	20070628	US20060611954	20061218
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US2011042024 AA	20110224	US20100861462	20100823

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US7294231 BB	20071113	US20050294245	20051205
US7326322 BB	20080205	US20040986034	20041112
US7531062 BB	20090512	US20070974162	20071011
US7857941 BB	20101228	US20060611954	20061218
US8142617 BB	20120327	US20100861462	20100823

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** FORT JAMES CORP ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GRACYALNY DALE T ; KERSHAW THOMAS N ; GRACYALNY DALE ; GEORGIA PACIFIC CORP ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYN A ; RUTHVEN PAUL J

Assignee(s): WILLIAMS ROBERT J ; ZAHN HARLIE C ; MOGGED OTTO ; MOGGED OTTO III ; KRASZEWSKI ALAN J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; HANSEN MARK D ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DAUS ROBERT R ; DEMILLE JOHN R

Inventor(s):(std)**:** MOGGED OTTO ; MOGGED OTTO III ; RUTHVEN PAUL ; SCHULZ GALYN ; SCHULZ GALYU ; SCHULZ GAYLN A ; GRACYALNY DALE ; ZAHN HARLIE C ; WILLIAMS ROBERT J ; SCHULZ GALYN A ; RUTHVEN PAUL J ; KRASZEWSKI ALAN J ; MOGGED III OTTO ; HANSEN MARK D ; GRACYALNY DALE T ; DEMILLE JOHN R ; DAUS ROBERT R ; KERSHAW THOMAS N

Inventor(s): DAUS ROBERT RUS ; DEMILLE JOHN RUS ; GRACYALNY DALE TUS ; MOGGED ; KRASZEWSKI ALAN JUS ; KERSHAW THOMAS ; III OTTO ; HANSEN MARK DUS ; MOGGED OTTO IIIUS ; RUTHVEN PAUL JUS ; SCHULZ GALYN AUS ; WILLIAMS ROBERT JUS ; HANSEN MARK ; KRASZEWSKI ALAN ; DAUS ROBERT ; DEMILLE JOHN ; WILLIAMS ROBERT ; ZAHN HARLIE ; ZAHN HARLIE CUS

Designated states: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

International class (IPC 8–9): A01J25/12 A61F13/15 B31F1/07 B31F1/12 B31F1/14 B65H27/00 B65H35/00 D21F11/00 D21F11/14 D21G9/00 D21H27/02 D21H27/40 F16C13/00 (Advanced/Invention); A61F13/15 B31F1/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

International class (IPC 1–7): A61F13/15 B29C43/46 B31F1/00 B31F1/07 B31F1/12 B31F1/14 B32B3/00 B32B3/10 B32B5/00 D06N7/04 D21F11/00 D21H11/00 D21H27/02 D21H27/40

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European class: A61F13/15M6C B31F1/07 B31F1/12B B31F1/14B D21F11/00E D21F11/14 D21H27/00D2 L29C43/46A4 L31F201/07C2D1A L31F201/07C2D3C L31F201/07C2D3G L31F201/07C2D3G2 L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07C2D7 L31F201/07E L31F201/07G L31F201/07G2 L31F201/07L L31F201/07P L31F201/07P10 N21H25/00B

US class: 100/161 100/168 100/169 100/176 101/23 101/3.1 101/3.100P 101/32 101/32S 101/6 101/6S 156/205 156/209 162/109 162/111 162/112 162/113 162/114 162/117 162/117S

162/123 162/132 162/205 162/205S 162/286 162/286S 162/361 162/362 162/362S 264/284 425/363 425/363S 425/365 425/365S 428/131 428/131P 428/152 428/152P 428/153 428/156 428/156S 428/174 428/174S 428/182 428/183 428/98 428/98S 492/20 492/30 492/36 604/38 604/380

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0) US2002189773A – CREPING BLADE, CREPED PAPER, AND METHOD OF MANU...

7) Family number: 30131288 (US2002189773A) © PatBase

Title: Creping blade, creped paper, and method of manufacturing paper

Priority:

CA20012341990	20010326	US19940320711	19941011	US19970816363	19970313
US19970816606	19970313	US19940359318	19941216	US19950532120	19950922
US19970816607	19970313	US19970816710	19970313	US19970816919	19970313
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US20000540267	20000331				

Family:

Publication number	Publication date	Application number	Application date
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DE69527758 T2	20030515	DE19956027758T	19951009
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US2003131959 AA	20030717	US20020283251	20021030
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US5885416 A	19990323	US19970816607	19970313
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US5908533 A	19990601	US19970816919	19970313
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US6451166 BA	20020917	US20000500523	20000209
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US6709548 BB	20040323	US20020283251	20021030

Probable Assignee: FORT JAMES CORP

Assignee(s):(std)**:** GEORGIA PACIFIC CORP ; JAMES RIVER CORP ; FORT JAMES CORP

Assignee(s): GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; AWOFESO ANTHONY O ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; JAMES RIVER OF VIRGINIA CORP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; JAMES RIVER CORP OF VIRGINIA ; GEORGIA PACIFIC CORP ATLANTA ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; KERSHAW THOMAS N ; MARINACK ROBERT J ; HARPER FRANK D

Inventor(s):(std)**:** ANTHONY O AWOFESO ; AWOFESO ANTHONY O ; FRANK D HARPER ; HARPER FRANK D ; KERSHAW THOMAS N ; MARINACK ROBERT J ; ROBERT J MARINACK ; THOMAS N KERSHAW

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class(IPC 8–9)**:** B31F1/12 B31F1/14 D21F11/14 D21G3/00 D21G3/04 D21H25/00 D21H27/00 D21H27/40 (Advanced/Invention); B31F1/00 D21F11/00 D21G3/00 D21H25/00 D21H27/30 (Core/Invention)

International class(IPC 1–7)**:** B31F1/07 B31F1/12 B31F1/14 D21G3/00 D21G3/04 D21H1/14 D21H25/00 D21H25/10 D21H25/18 D21H27/00 D21H27/40 D21H3/04

CPC: D21F11/145 B31F1/126 B31F1/145 D21F11/14 D21G3/005 D21H25/005 D21H27/40 Y10T428/24455 Y10T428/24463

European class: B31F1/12F B31F1/14B D21F11/14 D21F11/14B D21G3/00B D21H25/00B D21H27/40

US class: 118/413 118/413S 15/256.51 15/256.510S 162/100 162/111 162/111S 162/112 162/113 162/113S 162/117 162/117S 162/123 162/123S 162/141 162/149 162/204 162/204S 162/280 162/280S 162/281 162/281S 162/282 162/4 162/4S 264/282 264/283 428/153 428/154

Classification Explorer

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0) US2008038504A – APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABO...

8) Family number: 32662356 (US2008038504A) © PatBase

Title: APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABORBING MATERIAL AND ABSORBENT ARTICLE

Priority:

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Family:

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WO06006395 A1	20060119	WO2005JP11863	20050628

Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; DIAO PAPER CORP ; EBITSUKA KEISUKE ; MANABE SADANAO ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; MAEDA TOSHIKAZU ; YANO HIROYUKI ; KUBO TAIRA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU ; KAMOTO TOMOKA ; TAKEUCHI TOMONARI ; KONAWA SATOKO

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):(std)**:** EBIZUKA KEISUKE ; TAKEUCHI TORANARI ; TOMOKA KAMOTO ; TOMOTSUGU TAKEUCHI TOMONARI EL ; TOMOTSUGU TAKEUCHI TOMONARI KO ; TAIR MANABE SADANAO HANAO HIRO ; KAO HIROYUKI ; KAMOTO TOMOTAKA ; HIROYUKI KAMOTO TOMOKA KUBO TA ; HIROYUKI HANAO HIROYUKI KUBO T ; HANAO HIROYUKI KUBO TAIRA MIYA ; FUKAE KOUREI ; YOSHIHARU MIYASHITA ; TAKESHI FURUDOI ; SATOKO KONAWA ; SADANAO MANABE ; MIYASHITA Y ; TOMONARI TAKEUCHI ; TAKEUCHI TOMONARI ELLEAIR ; KONAWA SATOKO ELLEAIR ; KEISUKE EBITSUKA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU DAIO ; MATSUI TOMOTSUGU ; MANABE SADANAO ; MAEDA TOSHIKAZU ; KUBO TAIRA ; KAMOTO TOMOKA ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; TOSHIKAZU MAEDA ; TOMOTSUGU MATSUI ; ELLEAIR TAKEUCHI TOMONARI ; ELLEAIR KONAWA SATOKO ; YANO HIROYUKI ; KONAWA SATOKO ; JP FURUDOI TAKESHI ; HIROYUKI YANO ; HIROYUKI HANAO ; FURODOI TAKESHI ; EBITSUKA KEISUKE ; AKINORI FUKAE ; TAKEUCHI TOMONARI ; TAIRA KUBO

Inventor(s): MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI... ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD ; FURUDOI TAKESHI JP ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA... ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO... ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; TAKEUCHI TOMONARI D ; MATSUI TOMOTSUGU TD ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU MATS ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y MATSUI TOMOT ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO ELLEAIR MA ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA KEISUKE M ; YANO HIROYUKI DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING

CO LTD SHIKOKUCHUO SHI ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI C O DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU MATSU ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI TOCHIGI ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD EHIME ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; KUBO TAIRAC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU C O DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZUC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI FUKA ; MANABE SADANAO C O DAIO PAPER CONVERTING CO LTD ; MANABE SADANAOC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU C O DAIO PAPER CONVERTING COLTD ; MATSUI TOMOTSUGUC O DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU C O DAIO PAPER CONVERTCOLTD ; MIYASHITA YOSHIHARUC O DAIO PAPER CONVERTCOLTD SHIKOKUCHUO SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/538 A61F13/539 A61F5/44 A61L15/60 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/24 B44C3/08 D04H1/54 D04H1/559 D04H1/70 D06C23/04 (Advanced/Invention); A61F13/15 A61F5/44 A61L15/16 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/22 B44C3/00 D04H1/54 D06C23/00 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F13/539 A61F5/44 A61L15/60 B32B5/24 D04H1/54 D06C23/04

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European class: A61F13/15J A61F13/511 A61F13/53 A61F13/534 A61F13/537 A61F13/537C2 A61L15/60 B32B27/12 B32B27/32 B32B29/02 B32B5/00 B32B5/02A B32B5/14A B32B5/14B B32B5/24A B32B5/26 K61F13/495E K61F13/53Q2A K61F13/53Q2E K61F13/53Q4A1 K61F13/53Q6 K61F13/53Q8 K61F13/53Q8A K61F13/53Q8A2 K61F13/53Q8B

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9) Family number: 43952875 (US2009283229A)

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Title: FUNCTIONALIZING CELLULOSIC AND LIGNOCELLULOSIC MATERIALS

Priority:

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Family:

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Probable Assignee: XYLECO INC

Assignee(s):(std)**:** KSILEKO INK ; MEDOFF MARSHALL ; XYLECO INC

Assignee(s): XYLECO INCL–271 SALEM STREETWOBURNMA01801US ; MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Inventor(s):(std)**:** MEDOFF MARSHALL ; MADOFF MARSHALL ; MARSHALL MEDOFF

Inventor(s): MEDOFF MARSHALL90 ADDINGTON ROADBROOKLINEMA02146US

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A23G3/32 A41D1/00 A63B59/06 B01J19/08 B01J19/12 B02C23/18 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B29C71/04 B32B21/14 C07C1/20 C07C27/00 C07C27/04 C07C27/24 C07C29/00 C07C31/00 C07C6/00 C07H3/00 C07H3/04 C08B1/00 C08B15/00 C08B15/02 C08B15/04 C08B15/10 C08B3/06 C08B30/02 C08H7/00 C08H8/00 C08J11/10 C08J3/24 C08J3/28 C08L97/02 C10L1/00 C10L1/02 C10L3/00 C12M1/00 C12N13/00 C12P C12P1/00 C12P13/00 C12P19/00 C12P19/02 C12P19/14 C12P21/00 C12P3/00 C12P5/00 C12P5/02 C12P7/00 C12P7/02

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A41D1/00 B01J19/08 B01J19/12 B03C9/00 B05D3/00 B05D3/06 B05D7/06 B27K5/00 B27N1/00 B29C65/00 B29C65/14 B32B21/00 C07C31/00 C07H3/00 C08B15/00 C08B3/00 C08J3/28 C12N1/20 C12N13/00 C12P5/00 C12P7/02 C13K1/00 C13K5/00 D03D15/00 D04B1/14 D04B21/00 D04H1/42 D04H3/00 D04H5/00 D06M14/00 D21B1/00 D21B1/06 D21C1/00 D21C5/00 D21F5/00 D21H11/00 D21H23/00 D21H25/00 G21K5/00 (Core/Invention);
C12P D03D D04B D04H D06M (Subclass/Invention)

International class (IPC 1–7): B01J19/08 B05D3/00 B05D3/06 B27K5/00 C07H3/00 C08B3/00 C08B3/06 C12N1/20 C12P7/06 C12P7/10 D03D15/00 D04B1/14 D04H1/42 D06M14/22 D21B1/02 D21B1/06 D21C1/00 D21F5/00 G01N23/00 G01N23/02

CPC: Y02E50/10 C12P5/02 C12P7/06 C12P7/16 D21B1/06 D21C1/10 D21F5/00 D21G1/0093 C12P19/00 D21B1/063 B02C23/18 C08B1/00 C12P2201/00 A63B2209/00 B27K5/003 B27N1/00 C08B15/04 D06M10/008 Y02E50/343 Y02E50/17 B01J2219/00006 B01J2219/0869 B01J2219/0879 B01J2219/089 C12P19/02 G21K5/00 D21H21/28 H01J37/317 B01J19/08 H01J2237/303 C08B15/02 C08H8/00 D21C9/007 C13K1/02 H01J37/3002 Y10T442/30 Y10T442/40 Y10T442/60 Y10T442/697 D21B1/02 C07C27/24 D06M10/001 D06M10/02 D06M10/08 D06M2101/04 D06M2101/06 D10B2201/00 D10B2201/01 D10B2201/22 D10B2201/26 D10B2201/28 B01J19/123 B01J19/121 C12M45/00 B01J19/126 C07C27/00 Y10T428/249921 D21C1/00 D21H11/16 B01J2219/08 C12P7/10 C07C27/04 D02G3/02 D04B1/14 D06B3/10 D06M10/00 D10B2501/00 D10B2505/04 D04H1/4258 D04H1/42 D04H1/4382 Y02E50/16 Y02P20/582 B01J19/081 B01J2219/0871 B01J19/085 C12P19/14 D02G3/00 A63B59/50 A63B2102/18 C08B15/00 D21H25/04 D21H11/04 D03D15/00 D04H1/425 Y10T156/10 B27K5/0045 D21H11/20 D21C5/00 B27K5/004 D06M10/06 H01J2237/3165 B27K5/0035 C08J3/28 C08J2397/02

European class: A63B59/06 B01J19/08B6 B27K5/00R B27N1/00 C08B15/02 C08B15/04 C08H8/00 C08J3/28 C12P19/02 C12P5/02 C12P7/06 C12P7/10 C12P7/16 D04H1/42 D06M10/00B D06M10/00N D06M10/02 D06M10/08 D21B1/02 D21B1/06 D21C1/10 D21C9/00B4 D21F5/00 D21G1/00R8 D21H25/04 G21K5/00 K63B209/00 L01J219/00A2B L01J219/08F L01J219/08M6 L01J219/08M8J M08J397/02 M12P201/00 N06M101/04 N06M101/06 N10B201/00 N10B201/01 N10B201/22 N10B201/26 N10B201/28 N21C9/00B4 Y02E50/16 Y02E50/17

US class: 1/1 127/34 127/34S 127/37 156/60 156/60S 162/141 162/158 162/158S 162/162 162/192 162/192S 162/198 162/5 162/50 162/50P 162/58 162/63 162/9 162/92 2/69 2/69S 204/157.15 204/157.150S 204/157.63 204/157.630S 204/157.68 204/157.680S 204/157.9 204/157.900S 241/15 250/492.1 250/492.100P 250/492.3 250/492.300S 378/64 378/64P 427/457 427/457S 427/532 427/551 428/22 428/221 428/221S 435/136 435/136S 435/137 435/155 435/155S 435/157 435/165 435/166 435/166S 435/168 435/168S 435/173.1 435/173.100S 435/41 435/41S 435/68.1 435/68.100P 435/71.1 435/71.100S 435/72 435/72P 435/72S 435/99 44/307 44/307S 442/181 442/181P 442/304 442/304S 442/327 442/327S 442/415 442/415S 530/500 536/1.11 536/1.110S 536/123.13 536/123.130P 568/840 568/840P 568/878 568/880 568/902 568/903 8/116.1 8/444

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US4486585, US4409520 A, US4382847 A, US4368268 A, US4324642 A, US4307155 A, US4304649 A, US4277242 A, US4201596 A, US41790409, US41790009, US41788009, US41784009, US41778609, US41773109, US41772309, US41772009, US41770709, US41769909, US4146417 A, US4138298 A, US4091167 A, US4041192 A, US3962054 A, US3912837 A, US3903943 A, US3869341 A, US3808030 A, US3801432 A, US3780305 A, US3779706 A, US3726756 A, US3711389 A, US3676283 A, US3663261 A, US3616028 A, US3607355 A, US3596840 A, US3549510 A, US3549509 A, US3522091 A, US3502426 A, US3483005 A, US3459246 A, US3455853 A, US3452793 A, US3414498 A, US3352773 A, US3254939 A, US3254939, US3236584 A, US3189460 A, US3077418 A, US2999788 A, US2087263 A, US2081130 A, US2011155559 AA, US2011139383 AA, US2009321026 AA, US2009283229 AA, US2009246253 AA, US2009170153 AA, US2009011473 AA, US2008313954 AA, US2008271842 AA, US2008263890 AA, US2008256823 AA, US2008251156 AA, US2008196829 AA, US2008193785 AA, US2008149290 AA, US2008078122 AA, US2008067724 AA, US2007246176 AA, US2007197679 AA, US2007184196 AA, US2007125507 AA, US2007079522 AA, US2007063144 AA, US2007045456 AA, US2007031664 AA, US2007031664, US2006189497 AA, US2006169427 AA, US2006166022 AA, US2006162851 AA, US2006054267 AA, US2006010648, US2005084572 AA, US2005034768 AA, US2004191547 AA, US2004178193 AA, US2004171712 AA, US2004129394 AA, US2004115460 AA, US2004089429 AA, US2004086662 AA, US2002182429 AA, US2002162947 AA, US2002160270 AA, US2002084045 AA, US2002064495 AA, SU454752 A3, SU1604582 T, RU2319088 C1, RU2298561 C2, RU2071519, RU2010700 C1, JP6099409 A2, JP6091819 A2, JP6091818 A2, JP59071700 A2, GB2104903 A1, GB1316458 A, GB1255723 A, GB1251542 A, EP1600172 B1, EP1600172 A1, EP1464484 A1, EP0558512 B1, EP0558512 A1, EP0227134 A1, CN1252812, CN1142212, CN101203315 A,

0) US2009101748A – CORELESS ROLL OF WEB MATERIAL, MACHINE AND METH...

10) Family number: 33602444 (US2009101748A) © PatBase

Title: CORELESS ROLL OF WEB MATERIAL, MACHINE AND METHOD FOR ITS PRODUCTION

Priority: IT2005FI00086 20050502 US20080919666 20081114 WO2006IT00288 20060427 US20110067745 20110623

Family:

Publication number	Publication date	Application number	Application date
AT480483 E	20100915	AT20060728542T	20060427
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AU2006242795 BB	20101216	AU20060242795	20060427
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CN101171194 B	20120104	CN200680015073	20060427
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US7992818 BB	20110809	US20060919666	20060427
US8689849 BB	20140408	US20110067745	20110623
WO06117821 A1	20061109	WO2006IT00288	20060427

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; MAURO GELLI ; ROMANO MADDALENI ; DZHELLI MAURO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B05B1/00 B05C1/00 B05C9/00 B32B37/02 B65H18/08 B65H18/16 B65H18/20 B65H18/26 B65H18/28 B65H19/22 B65H19/28 B65H35/04 B65H39/14 (Advanced/Invention); B65H18/00 B65H18/08 B65H18/14 B65H19/22 B65H19/28 B65H35/04 (Core/Invention); B65H (Subclass/Invention)

International class (IPC 1–7): B65H19/22

CPC: B65H19/2276 B65H2701/1846 B65H18/28

European class: B65H18/28 B65H19/22C L65H701/1846

US class: 118/75 118/75S 156/457 156/459 156/470 242/166 242/520 242/520S 242/526.1 242/526.100S 242/527.3 242/527.300S 242/528 242/532.1 242/532.2 242/532.3 242/541.2 242/541.200P 242/547 242/547S

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0) US2002127369A – PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

11) Family number: 30116927 (US2002127369A)

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Title: PROCESSING SUBSTRATE AND/OR SUPPORT SURFACE

Priority:

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US20030364581	20030211	US20030364579	20030211	US20040863132	20040608
WO2001US30206	20010927	WO2003US03957	20030211		

Family:

Publication number	Publication date	Application number	Application date
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AR038504 AA	20050119	AR2003P100453	20030212
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CN1642727 A	20050720	CN20038006818	20030211
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EP1474286 A2	20041110	EP20030707827	20030211
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US7078088 BB	20060718	US20030361972	20030211
WO0228577 A2	20020411	WO2001US30206	20010927
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WO05123383 A1	20051229	WO2005US20003	20050607
ZA200302242 A	20040813	ZA20030002242	20030320

Probable Assignee: SC JOHNSON HOME STORAGE INC

Assignee(s):(std)**:** ACKERMAN BRYAN L ; JOHNSON AND SON INC S C ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; S C JOHNSON HOME STORAGE INC ; MCREYNOLDS KENT B ; S C JOHNSON HOME STORAGE ; TRENT JOHN S ; SU CU JOHSON HOUSE STORE CO

Assignee(s): SC JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; SCJOHNSON HOME STORAGE INC ; SC JOHNSON AND SON INC ; SC JOHNSON HOME STORAGE INC ; S C JOHNSON AND SON INC ; PRICE WILLIAM D ; S C JOHNSON HOME STORAGE INC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE

Inventor(s):(std)**:** ACKERMAN BRYAN L ; AL ACKERMAN BRYAN L ET ; KARUL VIRGINIA D ; LEBOEUF WILLIAM E ; MCREYNOLDS KENT B ; PRICE WILLIAM D ; TRENT JOHN S ; WILLIAM D PRICE

Inventor(s): VIRGINIA D. KARUL ; KENT B. MCREYNOLDS ; JOHN S TRENT ; BRYAN L ACKERMAN ; MCREYNOLDS KENT B AND ; KARUL VIRGINIA ; DEBOEUF WILLIAM ; ACKERMAN BRYAN L ET AL ; ACKERMAN BRYAN ; WILLIAM E,LEBOEUF ; WILLIAM E. LEBOEUF ; TRENT JOHN ; PRICE WILLIAM ; MCREYNOLDS KENT ; KARUL VIRGINIA KARUL ; LEBOEUF WILLIAM ; JOHN S.TRENT

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47J47/00 A61F13/15 B23B33/00 B23Q3/00 B32B23/02 B32B23/08 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/02 B32B3/10 B32B3/24 B32B37/00 B32B38/04 B32B38/06 B32B7/00 B32B7/02 B32B7/14 D04H3/16 (Advanced/Invention); B32B27/06 B32B3/10 B32B37/12 B32B37/15 (Advanced/Non–invention); A47J47/00 B32B23/00 B32B27/00 B32B27/12 B32B3/24 B32B38/04 B32B38/06 B32B7/00 D04H3/16 (Core/Invention); B32B37/14 (Core/Non–invention)

International class (IPC 1–7): A47J47/00 A61F13/15 A61F13/46 B23B27/00 B23B33/00 B29C47/06 B32B0/00 B32B27/00 B32B27/04 B32B27/06 B32B27/12 B32B27/32 B32B3/00 B32B3/02 B32B3/10 B32B3/14 B32B31/00 B32B31/30 B32B33/00 B32B7/00 B32B7/02 D04H3/16

CPC: Y10S428/911 Y10T428/24273 Y10T428/24322 Y10T428/24331 Y10T428/24612 Y10T428/24752 Y10T428/24777 Y10T428/24851 B32B23/02 B32B23/08 B32B27/12 Y10T428/24802 Y10T428/24355 Y10T428/24372 Y10T428/24479 Y10T428/2457 Y10T428/24579 B32B3/266 B32B27/00 B32B37/1284 B32B37/153 B32B2307/726 Y10T428/24994 B32B27/10 B32B27/32 B32B2307/744 B32B2323/04 B32B2439/70 B32B7/02 A47J47/005 B32B38/06 B32B2307/581

European class: A47J47/00A B32B23/02 B32B23/08 B32B27/00 B32B27/12 B32B3/26B B32B31/00D4B B32B38/06 B32B7/02 L32B307/580B L32B307/726 L32B31/30 L32B37/12D L32B37/15B L32B38/06

US class:

264/171.13 264/171.130S 264/171.23 264/171.230S 264/171.24 264/171.240S 264/211.12 264/211.120S 269/289R 425/327 425/327S 428/131 428/137 428/137P 428/138 428/138P 428/141 428/143 428/156 428/167 428/168 428/172 428/172S 428/189 428/189P 428/189S 428/192 428/195.1 428/195.100S 428/201 428/201S 428/297.4 428/297.400P 428/77 428/77P 428/78 428/911

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0) US2005167061A – PAPER MACHINE DEWATERING SYSTEM

12) Family number: 32122863 (US2005167061A) © PatBase

Title: PAPER MACHINE DEWATERING SYSTEM

Priority:

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US2009165979 AA	20090702	US20090401307	20090310
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US8236140 BB	20120807	US20100731737	20100325
US8608909 BB	20131217	US20110303804	20111123
WO05075736 A2	20050818	WO2005EP50198	20050119
WO05075736 A3	20051006	WO2005EP50198	20050119

Probable Assignee: VOITH PATENT GMBH

Assignee(s):(std)**:** FOJT PATENT GMBKH ; HERMAN JEFFREY ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; VOITH FABRICS PATENT GMBH ; WALKENHAUS HUBERT ; SILVA LUIZ CARLOS ; VOITH PATENT GMBH ; VOITH PAPER PATENT GMBH ; SILVA LUIS CARLOS

Inventor(s):(std)**:** CARLOS SILVA LUIZ ; CARLOS THOMAS SCHERB THOR E WA ; HERMAN JEFFREY ; HUBERT WALKENHAUS ; JEFFREY HERMAN ; LUIZ CARLOS SILVA ; SCHERB THOMAS T ; SCHERB THOMAS THOROE ; SCHERB THOMAS THOROEE ; SILVA LUIS C ; SILVA LUIZ C ; SILVA LUIZ CARLOS ; THOMAS SCHERB THOR E ; WALKENHAUS HUBERT ; VAL KENKHAUS KHUBERT ; SILVA LUIS KARLOS ; SHERB TOMAS TORE ; KHERMAN DZHEFFRI ; SILVA LUIS CARLOS ; SCHERB THOMAS

Inventor(s): THOMAS THOROEE SCHERB ; THOMAS SCHERB THOR E WALKENHAUS HUBERT HERMAN JEFF ; VAL'KENKHAUS KHUBERT ; THOMAS SCHERB THOR 247 E ; SILVA LUIZ ; SILVA LUIS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9)**:** B30B5/04 B30B9/24 B32B25/10 D04H1/46 D06F58/00 D21F1/00 D21F1/10 D21F1/48 D21F11/00 D21F3/00 D21F3/02 D21F3/04 D21F3/08 D21F3/10 D21F5/00 D21F5/02 D21F5/14 D21F5/18 D21F7/08 D21F7/12 D21G9/00 F26B13/26 F26B13/30 F26B3/00 F26B9/00 (Advanced/Invention);
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International class (IPC 1–7)**:** D21F1/00 D21F11/00 D21F3/00 D21F3/02 D21F7/08

CPC: D21F1/0036 D21F1/0063 D21F1/0072 D21F1/48 D21F3/0209 D21F3/0227 D21F3/0272 D21F7/083 Y10S162/90 Y10S162/901 Y10S162/902 D21F5/182 D21F5/184 D21F11/006 F26B13/16 F26B13/103 F26B13/28

European class: D21F1/00E2 D21F1/00E4 D21F1/00E5 D21F1/48 D21F11/00E D21F3/02B D21F3/02B2B D21F3/02C D21F5/18B D21F5/18B2 D21F7/08B F26B13/10B F26B13/16 F26B13/24

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0) US5538778A – METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL R...

13) Family number: 14416980 (US5538778A) © PatBase

Title: METHOD AND APPARATUS FOR PRODUCING INDIVIDUAL ROLLS OF PACKING MATERIAL

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ZA9600892 A	19961009	ZA19960000892	19960205

Probable Assignee: LIBEROPAX LLC

Assignee(s):(std)**:** DEVINE ; DEVINE JAMES ; GOODRICH DAVID P ; DEVINE JAMES P ; GEOPAX LTD ; GEOPAX ; GOODRICH DAVID ; GOODRICH ; HURWITZ MICHAEL C ; JESTER ROGER E ; RECYCLED PAPER PRODUCTS CORP ; LIBEROPAX LLC ; MICHAEL C HURWITZ ; ROGER E JESTER ; JAMES P DEVINE ; JESTER ROGER ; HURWITZ MICHAEL ; HURWITZ ; JESTER

Assignee(s): MICHAEL C HURWITZUS ; CARLSON SYSTEMS CORPORATON ; DAVID P GOODRICH ; PEPE AND HAZARD LLP ; LIBERO ROBELI ; JENSEN L NELS ; RISAIKURUDO PEEPAA PURODAKUTSU CORP ; GEOPAX LTD SANDY HOOK CONN US ; GEAMI LTD

Inventor(s):(std)**:** JESTER ROGER ; HURWITZ MICHAEL C ; GOODRICH DAVID P ; JESTER ROGER E ; HURWITZ MICHAEL ; GOODRICH DAVID ; DEVINE JAMES P ; DEVINE JAMES

Inventor(s): DAVID GOODRICH ; JAMES P DEVINE ; GOODRICH DAVID NEWTOWN CT 06470 US ; JAMES DEVINE ; HURWITZ MICHAEL WILTON CT 06897 US ; DAVID P GOODRICH ; GUTSUDORITSUCHI DEIUITSUDO ; HAAUITSUTSU MAIKERU ; MICHAEL C HURWITZ ; ROGER E JESTER ; ROGER JESTER ; MICHAEL HURWITZ

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

International class (IPC 8–9): B21D31/04 B31C1/00 B31C5/00 B31D3/00 B31D3/04 B31D5/00 B32B3/24 B65B11/00 B65B25/14 B65B63/04 B65D81/02 B65D81/03 B65D81/05 B65D81/09 (Advanced/Invention); B21D31/04 B31D5/00 B65B25/14 B65D81/03 (Advanced/Non–invention); B21D31/00 B31C5/00 B31D3/00 B31D5/00 B32B3/24 B65D81/03 B65D81/05 (Core/Invention); B31C1/00 (Core/Non–invention); B21H B31D B65B B65D (Subclass/Invention)

International class (IPC 1–7): B21D31/04 B21D5/00 B21H B31C1/00 B31D3/04 B31D5/00 B32B29/00 B32B3/12 B32B3/24 B65B B65B11/00 B65B11/00 B65B25/14 B65B63/04 B65D65/30 B65D81/02 B65D81/02 B65D81/03 B65D81/09 B65D81/14 B65D85/30 B65G81/14

CPC: B31D2205/0023 Y10S206/814 Y10S428/906 Y10S493/967 Y10T29/18 Y10T29/185 Y10T428/1303 Y10T428/24306 Y10T428/24314 Y10T428/24322 Y10T428/2457 Y10T428/24612 Y10T428/24694 Y10T428/24711 Y10T428/24752 Y10T428/24777 Y10T428/24793 B31D5/0069 B21D31/04 B31D3/002 B65D81/03 B31D3/04 B31D5/0065 B65D81/05 Y10T428/24942 Y10T428/24967 Y10T428/268 Y10T428/31993 B31D2205/0047 B31D5/006 B31C5/00 B31D2205/007 B65D81/09

European class: B21D31/04 B31C5/00 B31D3/00B B31D3/04 B31D5/00C2 B31D5/00C3 B31D5/00C5 B65D81/03 B65D81/05 B65D81/09 L31D205/00C20B2 L31D205/00C20M

US class: 206/521 206/584 206/585 206/586 206/594 206/814 229/87.02 29/6.1 29/6.2 428/135 428/136 428/137 428/167 428/172 428/182 428/184 428/189 428/192 428/194 428/212 428/215 428/220 428/338 428/34.2 428/537.5 428/903.3 428/906 493/967 53/435 53/450

Classification Explorer

Cited documents: WO9601731 A1, WO9318911 A1, US5439730 A, US5431985 A, US5403259 A, US5340638 A, US5275677 A, US5213867 A, US5207756 A, US5203761 A, US5181614 A, US5151312 A, US5001017 A, US4949528 A, US4937131 A, US4921118 A, US4856655 A, US4832228 A, US4265956 A, US4105724 A, US4089090 A, US3825465 A, US3807868 A, US3799039 A, US3762629 A, US3758372 A, US3668055 A, US3660958 A, US3655501 A, US3655500 A, US3642967 A, US3607602 A, US3603369

A, US3550842 A, US3544419 A, US3486681 A, US3454455 A, US3431613 A, US3407987 A, US3306513 A, US3288353 A, US3109579 A, US3074543 A, US3065785 A, US3040968 A, US2656291 A, US265291, US2553923 A, US2382400 A, US2345844 A, US2319225 A, US2203084 A, US2025179 A, US1996402 A, US1940596 A, US1470200 A, US1205299 A, US1199508 A, US1065639 A, JPS53103070, JP57148649 A2, JP53103070 A2, GB793015 A, GB777576 A, GB1305829 A, GB1131687 A, FR2170234 A1, FR2115107 A1, FR2033605 A5, FR1218604 A, EP0377397 A2, DE225968 A, DE2158539 A1, CH619416,

0) US2013221150A – REWINDING MACHINE AND METHOD FOR THE PRODUCTION...

14) Family number: 50832860 (US2013221150A) © PatBase

Title: REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL

Priority:

EP20110767803	20110915	IT2010FI00205	20100928	WO2011IT00320	20110915
US20130261620	20130408	US20150947108	20151120	JP20130530860T	20110915

Family:

Publication number	Publication date	Application number	Application date
AU2011310449 AA	20120405	AU20110310449	20110915
AU2011310449 BB	20160505	AU20110310449	20110915
BR112013007155 A2	20160614	BR20131107155	20110915
CA2812695 AA	20130322	CA20112812695	20110915
CN103153829 A	20130612	CN201180047193	20110915
CN103153829 B	20160427	CN201180047193	20110915
EP2621844 A1	20130807	EP20110767803	20110915
EP3009382 A2	20160420	EP20150191734	20110915
EP3009382 A3	20160608	EP20150191734	20110915
IL225367 A0	20130627	IL20110225367	20110915
IN02276CN2013 A	20141010	IN2013CN02276	20130321
IT1401881 B1	20130828	IT2010FI00205	20100928
ITFI20100205 A1	20120329	IT2010FI00205	20100928
JP2013539739 T2	20131028	JP20130530860T	20110915
JP2016047772 A2	20160407	JP20150236769	20151203
JP5933564 B2	20160615	JP20130530860T	20110915
KR101760544 B1	20170721	KR20137007466	20110915
KR20140025297 A	20140304	KR20137007466	20110915
MX2013003550 A1	20130624	MX20130003550	20110915
MX339152 B	20160513	MX20130003550	20110915
RU2013119645 A	20141110	RU20130119645	20110915
RU2567202 C2	20151110	RU20130119645	20110915
US2013221150 AA	20130829	US20110261620	20110915
US2016075530 AA	20160317	US20150947108	20151120
US9352920 BB	20160531	US20110261620	20110915
US9701505 BB	20170711	US20150947108	20151120
WO12042549 A1	20120405	WO2011IT00320	20110915
ZA201301771 A	20150624	ZA20130001771	20130308

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** FRANCO MONTAGNANI ; MADDALENI ROMANO ; MONTAGNANI FRANCO ; MORELLI ROBERTO ; ROBERTO MORELLI ; ROMANO MADDALENI ; MONTAN JANI FRANKO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H B65H18/20 B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 (Advanced/Invention); B65H (Subclass/Invention)

CPC: B65H19/2269 B65H19/283 B65H19/305 B65H2301/41812 B65H2301/41814 B65H2408/235 B65H2404/42 B65H2301/4143 B65H2301/41447 B65H2301/418 B65H19/267 B65H2301/41361 B65H2513/104 B65H19/26 B65H18/20

European class: B65H19/26C L65H408/236

US class: 1/1 242/521 242/522

Classification Explorer

Cited documents: US7775476 BB, US7494086 BB, US7318562 BB, US6948677 BB, US6648266 BA, US6098916 A, US5979818 A, US5964389 A, US5964389, US5810280 A, US5810280, US4783015 A, US2010043613 AA, US2009302146 AA, US2009302146, US2007176039 AA, US2002179768 AA, RU2169691, JP58216854 A2, JP58152750 A2, JP57077147 A2, JP5652345, JP56052345 A2, JP4317945 A2, JP2007290869 A2, JP2007290869, EP1982939 A1, EP1262434 A2, EP01982939, CN1867505 A,

0) US2010075094A – MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ...

15) Family number: 41774628 (US2010075094A)

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Title: MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ROLLS OF SHEETS WITH ALTERNATING CUTS AND PRE–CUTS

Priority:

CA20132803402	20130123	CN201380008541	20130208	US20120359254	20120126
US20120370511	20120210	FR20060009546	20061031	US20090513004	20090430
WO2007FR01737	20071022	WO2007FR75094	20071022	US20120632501	20121001
WO2013US25334	20130208	US20140576534	20141219	WO2015US66015	20151216

Family:

Publication number	Publication date	Application number	Application date
AU2013216894 AA	20130815	AU20130216894	20130208
AU2013216894 BB	20171019	AU20130216894	20130208
CA2667133 AA	20090421	CA20072667133	20071022
CA2667133 C	20150127	CA20072667133	20071022
CA2803402 AA	20130726	CA20132803402	20130123
CA2864324 AA	20140808	CA20132864324	20130208
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CN104105434 B	20170815	CN201380008541	20130208
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EA019133 B1	20140130	EA20090000561	20071022
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JP2015511839 A2	20150423	JP20140556723	20130208
JP2015511839 T2	20150423	JP20140556723T	20130208
MX2013000887 A1	20130725	MX20130000887	20130122
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US2012237711 AA	20120920	US20120359254	20120126
US2013040089 AA	20130214	US20120632501	20121001
US2015102048 AA	20150416	US20140576534	20141219
US8298640 BB	20121030	US20070513004	20071022
US8741410 BB	20140603	US20120632501	20121001
US8802211 BB	20140812	US20120359254	20120126
WO08056042 A2	20080515	WO2007FR01737	20071022
WO08056042 A3	20081218	WO2007FR01737	20071022
WO13119940 A1	20130815	WO2013US25334	20130208
WO16100462 A1	20160623	WO2015US66015	20151216

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** CATTACIN GILLES ; ENGGASSER YVES ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; DIXIE CONSUMER PRODUCTS LLC ; ANDRES ANN M ; CASE ABBY C ; GENNRICH DAVID JAMES ; MARIETTA TONDIN JULIEN ; LAURENT PIERRE ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; GEORGIA PACIFIC FRANCE SOC PAR ; NEVEU JEAN LOUIS ; GEORGIA PACIFIC FRANCE

Assignee(s): GEORGIA PACIFIC FRANCE SOCIETE PAR ACTIONS SIMPLIFIEE ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A ; GEORGIA PACIFIC FRANCE11 ROUTE INDUSTRIELLEF–68320KUNHEIMFR ; GEORGIA PACIFIC FRANCE SOC PAR ACTIONS SIMPLIFIEE ; GENNRICH DAVID J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; CASPER TED ALLEN ; DESIGN CONCEPTS INC

Inventor(s):(std)**:** ANDRES ANN M ; CASE ABBY C ; CASPER TED ALLEN ; CATTACIN GILLES ; ENGGASSER YVES ; GENNRICH DAVID JAMES ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; NEVEU JEAN LOUIS ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; STRAHM CHRISTOPHER T CT ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A SA ; LATHAM STEPHEN A ; KALLSEN KENT J KJ ; GENNRICH DAVID J DJ ; GENNRICH DAVID J ; CASE ABBY C AC

Inventor(s): ANN M ANDRES ; ABBY C CASE ; DAVID J GENNRICH ; CHRISTOPHER T STRAHM ; JULIEN MARIETTA TONDIN ; GILLES CATTACIN ; KENT J KALLSEN ; STEPHEN A LATHAM ; REMY RUPPEL ; PIERRE LAURENT ; STRAHM CHRISTOPHER TUS ; YVES ENGGASSER ; NEVEU JEAN LOUISFR ; LATHAM STEPHEN AUS ; KALLSEN KENT JUS ; GENNRICH DAVID JUS ; JEAN LOUIS NEVEU ; ENGGASSER YVESFR ; CATTACIN GILLESFR ; CASE ABBY CUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/34 A47K10/36 A47K10/38 A47K10/40 A47K10/42 A47K10/44 B26D1/62 B31B49/00 B32B3/24 B65H16/00 B65H16/02 B65H20/02 B65H23/182 B65H35/04 B65H35/10 B65H37/06 B65H45/12 B65H45/14 B65H45/16

B65H45/18 B65H45/28 D21F7/00 (Advanced/Invention);
A47K10/00 B26D1/00 B65H16/00 (Core/Invention);
A47K B65H (Subclass/Invention)

CPC: B31D1/0031 B31D1/04 B65H16/005 B65H2301/41306 B65H2701/121 B65H45/28 Y10T428/15 A47K10/16 Y10T83/0515 Y10T83/483 B65H35/10 A47K10/3625 B65H37/06 A47K10/26 A47K10/3612 A47K10/3687 A47K10/426 A47K2010/3668 G07F11/045 B65H31/02 B65H31/24 B65H31/3009 B65H33/00 B65H33/14 B65H2301/4212 B65H2301/4213 B65H2405/11152 B65H2405/332 B65H2511/30 A47K10/42 B65H45/142 B65H45/18 B65H2701/1924

European class: A47K10/16 A47K10/42 B31D1/00F B31D1/04 B65H45/14D B65H45/18 L65H701/1924

US class: 221/1 221/30 221/30P 221/34 221/34S 221/40 428/43 428/43P 493/369 83/343 83/343S 83/37 83/37S

Classification Explorer

Cited documents: WO9837794 A1, WO9721377 A1, WO13119940 A1, WO08056042 A2, WO06007256 A1, USRE34288 E, US8662346 BB, US8298640 BB, US7971514 BB, US7967235 BB, US7954405 BB, US7837077 BB, US7832678 BB, US7416162 BB, US7370826 BB, US7234610 BB, US7168602 BB, US7137539 BB, US7063656 BA, US6964395 BA, US6959885 BB, US6915980 BB, US6892898 BA, US6889970 BB, US6884209 BB, US6874653 BB, US6871815 BB, US6860447 BB, US6838887 BB, US6826991 BA, US6736348 BA, US6651922 BA, US6644503 BB, US6622888 BB, US6592067 BB, US6581500 BA, US6536624 BB, US6464120 BA, US6460727 BA, US6447864 BB, US6440052 BA, US6352172 BA, US6237871 BA, US6228454 BA, US6152397 A, US6145782 A, US6145779 A, US6109473 A, US6090467 A, US607498 A, US6059711 A, US6029921 A, US6010090 A, US5979822 A, US5846412 A, US5836862 A, US5785274 A, US5704566 A, US5582362 A, US5526973 A, US5496605 A, US5364332 A, US5310398 A, US5244161 A, US5205454 A, US5131302 A, US511983 A, US5064179 A, US5048809 A, US5044873 A, US4982337 A, US495516 A, US4944466 A, US4928432 A, US4905868 A, US4856724 A, US4846412 A, US4807824 A, US4756485 A, US4753369 A, US4651895 A, US4648530 A, US4643705 A, US4627117 A, US459516 A, US4566608 A, US4552315 A, US453003 A, US4521209 A, US4457964 A, US4403748 A, US4378912 A, US4317547 A, US4236679 A, US4134521 A, US400913 A, US390328 A, US3877576 A, US3845289 A, US3570335 A, US3326365 A, US3276706 A, US2328109 A, US2105707 A, US2053786 A, US2016088982 AA, US2013040089 AA, US2012237711 AA, US2012138625 AA, US2011319244 AA, US2011254214 AA, US2011233254 AA, US2011226883 AA, US2011210137 AA, US2011184864 AA, US2011177278 AA, US2011168831 AA, US2011139920 AA, US2011132920 AA, US2010304945 AA, US2010224647 AA, US2010114366 AA, US2010075094 AA, US2009212153 AA, US2009155512 AA, US2008280088 AA, US2008197142 AA, US2008173661 AA, US2007544 A, US2007098944 AA, US2006273100 AA, US2006175344 AA, US2005067519 AA, US2004254054 AA, US2003183717 AA, US2003169046 AA, JP7069529 A2, JP6022882 A2, JP2012006741 A2, JP2009039226 A2, JP2005065730 A2, JP2004129863 A2, JP2003290072 A2, JP2003144344 A2, JP2002017601 A2, JP11178741 A2, GB2377204 A1, FR2873562 A1, FR2761252 A1, EP1232715 B1, EP1231823 B1, EP1230886 B1, EP0930039 B1, EP0865247 B1, DE20314147 U1, DE20107189 U1, DE10256295 A1, CN101883514 A,

0) US2012228306A – LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH ...

16) Family number: 51896376 (US2012228306A)

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Title: LIQUID SEQUESTERING CONTAINER, OPTIONALLY WITH PEELABLE DETACHABLE LAYERS

Priority:

US20110450565P	20110308	US20110487677P	20110518	US20110494170P	20110607
US20110552663P	20111028	US20110552687P	20111028	US20120415781	20120308
US20120670168P	20120711	WO2012US61535	20121024	WO2013US36273	20130412
WO2012US61535	20120711	US20130413045	20130412	US20160053108	20160225

Family:

Publication number	Publication date	Application number	Application date
AU2013289175 AA	20140116	AU20130289175	20130412
CA2878251 AA	20141231	CA20132878251	20130412
CN104427986 A	20150318	CN201380037065	20130412
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IN10801DN2014 A	20150904	IN2014DN10801	20141217
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US2015202203 AA	20150723	US20130413045	20130412
US2016176611 AA	20160623	US20160053108	20160225
US9302842 BB	20160405	US20120415781	20120308
WO12122427 A2	20120913	WO2012US28372	20120308
WO12122427 A3	20121227	WO2012US28372	20120308
WO14011284 A1	20140116	WO2013US36273	20130412

Probable Assignee: CONVERTER MFG INC

Assignee(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F ; NOVARTIS AG ; NOVARTIS INT AG ; CONVERTER MFG INC

Assignee(s): CONVERTER MFG LLC ; CONVERTER MANUFACTURING INC ; NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH INC

Inventor(s):(std)**:** LI FANG ; MONAHAN JOHN E ; WALLACE MILLARD F

Inventor(s): FANG LI ; JOHN E MONAHAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61K31/404 A61K31/4709 A61K31/4745 A61K31/496 A61K31/506 A61K31/5355 A61K39/395 A61K45/06 A61P1/00 A61P35/00 A61P43/00 B65B1/04 B65D1/22 B65D25/04 B65D25/14 B65D51/28 B65D77/30 B65D81/26 (Advanced/Invention); B65D1/22 B65D1/26 B65D25/04 B65D25/14 (Advanced/Non–invention)

CPC: B65D65/40 B65D81/265 A61K31/4709 A61K31/404 Y02W30/801 A61K31/4745 A61K31/5355 A61K31/506 A61K31/496 A61K45/06 B65D1/22 B65D1/26 B65D25/04 B65D25/14 B65D81/264 B65D51/28 B65D77/30 B65D2577/205 B65D2577/2075 B65D81/262

European class: B65D81/26C1

US class: 1/1 206/204 220/501 220/521 426/106 514/252.18 53/467

Classification Explorer

Cited documents: WO12001074 A2, WO09141386 A1, WO09141213 A1, WO09115562 A2, WO08060688 A1, WO08037716 A2, WO07064719 A2, WO07059187 A1, WO07015871 A1, WO07015870 A2, WO06127926 A2, WO06124413 A2, WO06000420 A1, WO05046589 A2, WO05004658 A1, WO04005281 A1, WO03087095 A1, WO03066613 A1, WO0222598 A1, US9302842 BB, US7921992 BB, US6894051 BA, US6391402 BA, US6223894 BA, US5521184 A, US2014288073 AA, US2012052165 AA, US2009215793 AA, US2008031553 AA, US2007056863 AA, US2005267125 AA, JP2000344224 A2,

17) Family number: 33992783 (US2006278355A) © PatBase

Title: EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR EMBOSSING ELEMENTS

Priority:

CA20062611326	20060607	CA20062763853	20060607	US20050147774	20050608
US20050147873	20050608	CA20122611326	20120124	EP20060772638	20060607
US20080171632	20080711	US20080171589	20080711	US20080171615	20080711
US20080171652	20080711	WO2006US22398	20060607	US20050147903	20050608

Family:

Publication number	Publication date	Application number	Application date
AT545501 E	20120315	AT20060772638T	20060607
BRPI0611108 A2	20101123	BR2006PI11108	20060607
CA2611326 AA	20071206	CA20062611326	20060607
CA2611326 C	20120306	CA20062611326	20060607
CA2763853 AA	20061214	CA20062763853	20060607
CA2763853 C	20150505	CA20062763853	20060607
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EP1899156 B1	20120215	EP20060772638	20060607
MX2007015492 A1	20080222	MX20070015492	20060607
US2006278355 AA	20061214	US20050147873	20050608
US2006278356 AA	20061214	US20050147903	20050608
US2006280910 AA	20061214	US20050147774	20050608
US2008268085 AA	20081030	US20080171632	20080711
US2008274227 AA	20081106	US20080171589	20080711
US2008274228 AA	20081106	US20080171615	20080711
US2008302493 AA	20081211	US20080171652	20080711
US7435316 BB	20081014	US20050147903	20050608
US7524404 BB	20090428	US20050147873	20050608
US7785696 BB	20100831	US20050147774	20050608
US7887676 BB	20110215	US20080171615	20080711
US7918972 BB	20110405	US20080171632	20080711
US8007640 BB	20110830	US20080171589	20080711
US8083893 BB	20111227	US20080171652	20080711
WO06133390 A2	20061214	WO2006US22398	20060607
WO06133390 A3	20070201	WO2006US22398	20060607

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN B ; RASCH DAVID MARK ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL ; RASCH DAVID M

Assignee(s): PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** FISHER WAYNE ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; RASCH DAVID ; RASCH DAVID M ; RASCH DAVID MARK ; WIWI KEVIN ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; BOATMAN DONN ; BOATMAN DONN N ; BOATMAN DONN NATHAN

Inventor(s): BOATMAN DONN NATHAN UNION ; WAYNE ROBERT FISHER ; KEVIN MITCHELL WIWI ; KEVIN BENSON MCNEIL ; DONN NATHAN BOATMAN ; DAVID MARK RASCH ; WIWI KEVIN MITCHELL WEST CHESTER ; RASCH DAVID MARK CINCINNATI ; MCNEIL KEVIN BENSON LOVELAND ; FISHER WAYNE ROBERT CINCINNATI

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B28B11/08 B31F1/07 B31F1/12 B32B1/00 B32B3/00 B44B5/00 B44B5/02 B65H37/00 D21F11/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); B28B11/08 B31F1/00 B32B1/00 B32B3/00 B44B5/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)

CPC: B31F2201/0743 Y10T428/24479 Y10T428/24628 Y10T156/1023 Y10T428/24455 Y10T428/24463 Y10T428/24612 B31F1/07 B31F2201/0733 B31F2201/0764 B44B5/0009 B44B5/026 A47K10/16 B31F2201/0712 B31F2201/0738 B31F2201/0748 B32B3/00 B32B3/30 B32B29/00 B32B29/005 B32B2250/02 B32B2250/26 B32B2555/02 D21H27/004 D21H27/02 D21H27/40

European class: A47K10/16 B31F1/07 B32B29/00 B32B29/00B2 B32B3/00 B32B3/30 B44B5/00A2 B44B5/02D D21H27/00D2 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07G2B L32B250/02 L32B250/26 L32B555/02 N21H27/02 N21H27/40

US class: 101/23 101/28 101/3.1 101/32 156/209 162/109 162/117 162/132 162/205 162/362 425/193 425/363 425/385 425/403 425/403P 425/408 425/470 425/470P 428/153 428/154 428/156 428/156P 428/172 428/174 428/174S

Classification Explorer

Cited documents: WO9954547 A1, WO9406623 A1, WO03104552 A2, WO0073053 A1, USRE27453 E, USD497054 S1, USD490986 S1, USD490985 S1, USD420517 S1, USD408162 S1, USD408152 S1, USD405269 S1, USD319349 S1, US7524404 BB, US7435316 BB, US7314664 BB, US7314663 BB, US7229681 BB, US6846172 BB, US6802937 BB, US6790314 BB, US6787000 BB, US6746570 BB, US6699360 BB, US6602577 BA, US6517673 BA, US6506329 BA, US6458447 BA, US6454905 BA, US6413614 BA, US6395133 BA, US6372087 BB, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6299729 BA, US6287425 BA, US6287422 BA, US6280570 BA, US6277466 BA, US6165319 A, US6165309 A, US6153053 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6074525 A, US5874156 A, US5779965 A, US5702571 A, US5693403 A, US5686168 A, US5620776 A, US5597639 A, US5573830 A, US5468323 A, US5436057 A, US5409572 A, US5407572 A, US5356506 A, US5300347 A, US5294475 A, US4994144 A, US497421 A, US496964 A, US4921034 A, US4859519 A, US4659608 A, US4483728 A, US4376671 A, US4326002 A, US4320162 A, US4307141 A, US4284465 A, US4207143 A, US3867225 A, US3746570 A, US3672950 A, US3615076 A, US3556907 A, US341459 A, US3414459 A, US2006280910 AA, US2006278355 AA, US2005247397 AA, US2005045292 AA, US2004231813 AA, US2004007314 AA, US2003111169 AA, GB2166690 A1, EP1527898 A1, EP0909357 B1, EP0265298 B1,

0) US2004185209A – FUNGI RESISTANT SHEET, FACING AND FACED INSULAT...

18) Family number: 30974573 (US2004185209A)

© PatBase

Title: FUNGI RESISTANT SHEET, FACING AND FACED INSULATION ASSEMBLY

Priority:

US20030394134	20030320	US20030465311	20030619	US20030703130	20031106
US20060581853	20061017	US20040801733	20040315	US20050075164	20050308
US20060528827	20060928	US20060584709	20061020	US20040801734	20040315
WO2004US08227	20040318	WO2004US08227	20040318	WO2004US08232	20040318

Family:

Publication number	Publication date	Application number	Application date
EP1603746 A2	20051214	EP20040757790	20040318
EP1603746 A4	20060412	EP20040757790	20040318
EP1606451 A2	20051221	EP20040757793	20040318
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US2004185209 AA	20040923	US20030394134	20030320
US2004185210 AA	20040923	US20030465311	20030619
US2004185211 AA	20040923	US20030703130	20031106
US2004185212 AA	20040923	US20040801734	20040315
US2004192132 AA	20040930	US20040801733	20040315
US2005153151 AA	20050714	US20050075164	20050308
US2007036949 AA	20070215	US20060584709	20061020
US2007110939 AA	20070517	US20060528827	20060928
US2007298218 AA	20071227	US20060581853	20061017
US7381456 BB	20080603	US20060528827	20060928
US8057881 BB	20111115	US20060581853	20061017
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WO04085573 A3	20050127	WO2004US08227	20040318
WO04085574 A2	20041007	WO2004US08232	20040318
WO04085574 A3	20050331	WO2004US08232	20040318

Probable Assignee: JOHNS MANVILLE

Assignee(s):(std)**:** BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; JOHNS MANVILLE ; JOHNS MANVILLE INT INC ; MOORE ANTHONY E ; LOGSDON TIMOTHY D

Assignee(s): MANVILLE JOHNS ; JOHNS MANVILLE INTERNATIONAL INC ; JOHNS MANVILLE INT

Inventor(s):(std)**:** BOGRETT BLAKE B ; BOGRETT BLAKE BOYD ; BRATSCH ANGELA R ; FAY RALPH M ; FAY RALPH MICHAEL ; LOGSDON TIMOTHY D ; MOORE ANTHONY E

Inventor(s): BOGRETT BLAKE ; MOORE ANTHONY ; LOGSDON TIMOTHY ; FAY RALPH ; BRATSCH ANGELA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A01N59/02 B29C47/00 B32B1/04 B32B1/08 B32B11/00 B32B11/06 B32B11/10 B32B27/00 B32B27/06 B32B27/36 B32B29/04 B32B3/00 B32B3/04 B32B3/06 B32B7/14 C08K5/00 C08K5/372 C08K5/47 C08L95/00 D04H3/16 D06N5/00 D06N7/04 D21H11/00 D21H17/00 D21H19/00 D21H19/24 D21H21/36 D21J1/08 E04B1/66 E04B1/72 E04B1/74 E04B1/76 E04B1/78 E04D13/00 (Advanced/Invention); B32B3/02 B65D65/28 (Advanced/Non–invention); E04B1/66 E04B1/76 E04D13/00 (Core/Invention)

International class (IPC 1–7): A01N25/34 A01N59/02 B32B1/08 B32B27/00 B32B27/04 B32B29/00 B32B29/04 B32B3/00 B32B3/04 B32B7/14 C10C D06N7/04 D21J1/08 E04B1/72 E04B1/78 E04C2/00 F16L1/00 G09F3/00

CPC: Y10S428/907 Y10T428/24355 Y10T428/15 Y10T428/24777 Y10T428/139 Y10T428/23 Y10T428/233 Y10T428/237 Y10T428/24231 Y10T428/2457 C08K5/0058 E04B1/767 E04B2001/7691 D21H21/36 Y10T428/31507 Y10T428/31786 Y10T428/31815 Y10T442/2525 Y10T442/2533 Y10T442/681 Y10T428/31823 E04B9/045 E04B1/7654 E04D13/002 Y10T428/31993 E04B1/665 Y10T428/249955 B32B5/022 B32B5/024 B32B2307/7145 B32B2419/06 B32B2317/122 B32B2419/00 B32B11/10 C08L95/00 B32B11/06 D21H19/24

European class: B32B11/06 B32B11/10 C08K5/00P7 C08L95/00 D21H19/24 D21H21/36 E04B1/66 E04B1/76E E04B1/76E2B1F E04B9/04G E04D13/00A E04D13/16A1C P04B1/76R

US class:

162/161 424/412 424/413 424/414 424/415 424/611 424/703 428/126 428/141 428/141P 428/167 428/192 428/192P 428/306.6 428/306.600S 428/36.9 428/36.900P 428/412 428/412S 428/43 428/43P 428/43S 428/480 428/480S 428/489 428/489S 428/491 428/491S 428/537.5 428/537.500P 428/68 428/71 428/74 428/907 442/123 442/123P 442/124 442/124S 442/401 442/401S 52/404.1 52/406.2 52/407.3 52/408 52/796.1 52/796.100S 52/98

Classification Explorer

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0) US2001009883A – VACUUM ASSISTED APPARATUS AND METHOD

19) Family number: 28130627 (US2001009883A) © PatBase

Title: VACUUM ASSISTED APPARATUS AND METHOD

Priority:

EP20000948654	20000713	EP20040027390	20000713	US20020218917	20020813
US20010803856	20010312	US19990353474	19990713	EP20100182904	20000713
WO2000US19112	20000713				

Family:

Publication number	Publication date	Application number	Application date
AU200062124 A1	20010130	AU20000062124	20000713
AU200062124 A5	20010130	AU20000062124	20000713
BRPI0012426 A	20020521	BR2000PI12426	20000713
CA2379377 AA	20020114	CA20002379377	20000713
DE60018953 D1	20050428	DE20006018953	20000713
DE60018953 T2	20060112	DE20006018953T	20000713
DE60045397 D1	20110127	DE20006045397	20000713
DE60047553 D1	20121129	DE20006047553	20000713
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EP1216143 A4	20021016	EP20000948654	20000713
EP1216143 B1	20050323	EP20000948654	20000713
EP1514677 A1	20050316	EP20040027390	20000713
EP1514677 B1	20101215	EP20040027390	20000713
EP2308672 A1	20110413	EP20100182904	20000713
EP2308672 B1	20121003	EP20100182904	20000713
EP2311631 A1	20110420	EP20100182905	20000713

ES2228291 T1	20050416	ES20000948654T	20000713
ES2228291 T3	20050901	ES20000948654T	20000713
MXPA02001357 A1	20040910	MX2002PA01357	20000713
US2001009883 AA	20010726	US20010803856	20010312
US2003045415 AA	20030306	US20020218917	20020813
US6296601 BA	20011002	US19990353474	19990713
US6431038 BB	20020813	US20010803856	20010312
WO0103913 A1	20010118	WO2000US19112	20000713

Probable Assignee: CG BRETTING MFG CO INC

Assignee(s):(std)**:** C G BRETTING MFG COM ; BRETTING C G MFG CO INC ; COUTURIER DENNIS P

Assignee(s): DENNIS P COUTURIER ; C G BRETTING MANUFACTURING CO ; C G BRETTING MANUFACTURING CO INC ; CG BRETTING MFG CO INC ; CGBRETTING MFG CO INC ; C G BRETTING MFG CO INC ASHLAND ; CG BRETTING MFG ; C G BRETTING MANUFACTURING COMPANY INC ; C G BRETTING MFG CO INC ; CG BRETTING MFG CO

Inventor(s):(std)**:** COUTURIER DENNIS P ; COUTURIER P

Inventor(s): DENNIS PCOUTURIER ; DENNIS P COUTURIER ; COUTURIER DENNIS P WASHBURN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B01J21/08 B26D1/62 B26D5/02 B26D7/01 B31B1/14 B65H35/08 (Advanced/Invention)

International class (IPC 1–7): B01J21/08 B26D1/62 B26D3/00 B26D7/01 B31B1/12 B31B1/14

CPC: Y10T83/05 Y10T83/0515 Y10T83/4659 Y10T83/4711 Y10T83/8733 Y10T83/8748 B26D5/02 B26D1/425 B26D1/626 B26D7/018 B65H35/08 B65H2406/33 B65H2406/3612 B65H2406/3632 B65H2511/10 B65H2601/121

European class: B26D1/62B B26D5/02 B26D7/01F B65H35/08 L26D1/42B L65H406/33 L65H406/3612 L65H406/3632 L65H511/100 L65H601/121 L65H612/100

US class: 493/123 493/123P 493/353 493/361 493/365 83/287 83/305 83/34 83/340 83/37 83/553 83/563

Classification Explorer

Cited documents: US940933 A, US6209867 BA, US6076442 A, US6038976 A, US5970837 A, US5957821 A, US5799692 A, US5771770 A, US5755654 A, US5653671 A, US5570620 A, US5540128 A, US5383493 A, US5351589 A, US5344519 A, US5241907 A, US5237900 A, US5226870 A, US5193581 A, US5183252 A, US5147273 A, US4949741 A, US4917665 A, US4785548 A, US4778441 A, US4762039 A, US4723390 A, US4691908 A, US4583729 A, US4550821 A, US4494741 A, US4475730 A, US4440388 A, US4390174 A, US4349185 A, US4332583 A, US4279410 A, US4277010 A, US4270744 A, US4254947 A, US4207998 A, US4202542 A, US4190242 A, US4163548 A, US4145040 A, US4070014 A, US4056057 A, US3991994 A, US3948504 A, US3834689 A, US3784187 A, US3748187 A, US3747630 A, US3709077 A, US3689061 A, US3587962 A, US3572681 A, US3533618 A, US3494175 A, US3490762 A, US3489406 A, US3466029 A, US3314340 A, US3302503 A, US3251256 A, US3247746 A, US3214162 A, US3186274 A, US3174428 A, US3174372 A, US3163413 A, US3162345 A, US3097778 A, US3069025 A, US3040777 A, US2929624 A, US2872186 A, US2867438 A, US2864176 A, US2784784 A, US2723604 A, US2631846 A, US2631845 A, US2092952 A, US2033849 A, US2030744 A, US1992179 A, US1974149 A, US1965523 A, US1886312 A, US1738354 A, US1602647 A, US1595992 A, US1566079 A, US1053914 A,

0) US20111134651A – RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN...

20) Family number: 48241988 (US2011134651A) © PatBase

Title: RECESSED LIGHTING STRIP THAT INTERLOCKS BETWEEN INSULATED ROOF PANELS

Priority:

US20020416666P	20021007	US20030679682	20031006	US20030679862	20031006
US20040563519P	20040419	US20040562025P	20040414	US20050101014	20050406
US20050108375	20050418	US20050108458	20050418	US20060402609	20060412
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US20070804246	20070516	US20120402003	20120222	US20120402040	20120222
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Family:

Publication number	Publication date	Application number	Application date
US2011134651 AA	20110609	US20100942233	20101109
US2012145342 AA	20120614	US20120402003	20120222
US2012145343 AA	20120614	US20120402040	20120222
US2012152475 AA	20120621	US20120402031	20120222
US2012160435 AA	20120628	US20120402119	20120222
US2012164407 AA	20120628	US20120402011	20120222
US2015068695 AA	20150312	US20140540193	20141113
US8394236 BB	20130312	US20120402003	20120222
US8398820 BB	20130319	US20120402031	20120222
US8603296 BB	20131210	US20120402119	20120222
US8673115 BB	20140318	US20120402040	20120222
US8911592 BB	20141216	US20120402011	20120222
US8950908 BB	20150210	US20100942233	20101109
US9279219 BB	20160308	US20140540193	20141113
USD632417 S1	20110208	US20090351581F	20091208

Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** BERMAN DANIEL J ; BERMAN DANIEL JOSEPH ; CHOU HUNG LIANG ; DWIGGINS JOHN H ; EDWARDS STEVEN L ; GEORGIA PACIFIC CONSUMER PROD ; YEH KANG CHANG ; SUPER GUY H ; HARPER FRANK D ; MCCULLOUGH STEPHEN J ; REEB RONALD R

Assignee(s): EURAMAX INT INC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP

Inventor(s):(std)**:** BERMAN DANIEL JOSEPH ; YEH KANG CHANG ; SUPER GUY H ; REEB RONALD R ; MCCULLOUGH STEPHEN J ; HARPER FRANK D ; EDWARDS STEVEN L ; DWIGGINS JOHN H ; CHOU HUNG LIANG ; BERMAN DANIEL J

International class (IPC 8–9)**:** B31F1/07 B31F1/12 B31F1/16 B32B3/10 D21F11/00 D21H11/00 D21H27/00 D21H27/30 D21H27/32 F21S8/02 F21V15/00 F21V15/01 F21V17/00 G09F7/18 (Advanced/Invention)

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Locarno class: 26/05

Classification Explorer

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Probable Assignee: PROCTER AND GAMBLE

Assignee(s):[(std)]: BENSON DOUGLAS HERRIN ; PROCTER AND GAMBLE ; P AND G CO ; CURRO JOHN JOSEPH ; STRUBE JOHN BRIAN

Assignee(s): SPENCER ANTHONY STEPHEN ; PROCTER AND GAMBLE CO CINCINNATI ; MANSFIELD MICHELE ANN ; KAMINISKI ANNEKE MARGARET ; DYE DEBORAH RUTH ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; PROCTTER AND GAMBLE CO ; DUGAS MICHAEL BERNARD ; PROCTER AND GAMBLE CO ; CURRO JOHN J ; ALWATTARI ALI ABDELAZIZ ; BENSON DOUGLAS H

Inventor(s):[(std)]: BRIAN CURRO JOHN JOSEPH BENSON ; BRIAN STRUBE JOHN ; CURRO J J ; CURRO JOHN ; CURRO JOHN JOSEPH ; DUGAS MICHAEL BERNARD ; DUGAS RONALD JOSEPH ZINK MICHA ; DYE D R ; DYE DEBORAH RUTH ; HERRIN BENSON DOUGLAS ; BENSON D H ; BENSON DOUGLAS ; BENSON DOUGLAS HERRIN ; DOUGLAS HERRIN BENSON ; JOSEPH CURRO JOHN ; KAMINISKI ANNEKA MARGARET ; MARGARET KAMINISKI ANNEKE ; MICHAEL BERNARD DUGAS ; OYE D R ; STRUBE JOHN ; STRUBE JOHN BRAIN ; STRUBE JOHN BRIAN ; ZINK RONALD JOSEPH ; STRUBE JOHN B ; STAHL EDWARD KENNETH ; ROBERSON CHARLES DETWILER ; PECK DANIEL CHARLES ; FERESHTEHKHOU SAEED ; DUGAS MICHAEL B ; MANSFIELD CURRO JOHN JOSEPH AL ; MANSFIELD MICHELLE ANN ; ZINGELMANN JESSICA ; ZINK RONALD J II ; CURRO JOHN J ; BROWN JESSICA ZINGELMANN ; BENSON DOUGLAS H ; BALDWIN JR ALFRED FRANK ; SPENCER ANTHONY STEPHEN ; MANSFIELD MICHELE ANN ; KOEHLER DEBORAH ADAMO ; KAMINISKI ANNEKE MARGARET ; JONES WALTER GOMER ; GILLETTE SAMUEL MARK ; BALDWIN ALFRED FRANK ; ANN MANSFIELD MICHELE ; ALWATTARI ALI ABDELAZIZ ; ABDELAZIZ ALWATTARI ALI

Inventor(s): ZINK RONALD ; STRUBE JOHN BRIAN HAMILTON ; DUGAS MICHAEL ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE JOHN BRIAN ; BALDWIN JR ALFRED FRANC ; ZINK RONALD JII ; MANSFIELD MICHELLE ANN CINCINNATI ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ... ; STRUBE JOHN BRIAN OKEANA ; RONALD JOSEPH ZINK ; RONALD JOSEPH ZINK MICHAEL BERNARD DUGAS ; SPENCER ANTHONY STEPHEN WOODSTOCK ; KAMINISKI ANNEKA MARGARET CINCINNATI ; DR DYE ; DR OYE ; BENSON DOUGLAS HERRIN WEST HARRISON ; J J CURRO ; JJ CURRO ; JOHN BRAIN STRUBE ; JOHN BRIAN STRUBE ; JOHN JOSEPH CURRO ; CURRO JOHN JOSEPH ALWATTARI ALI ABDELAZIZ BENSON DOUGLAS HERRIN KAMINISKI ANNEKE MARGARET MANSFIELDMICHELE ANN STRUBE JOHN BRIAN ; CURRO JOHN JOSEPH BENSON DOUGLAS HERRIN STRUBE ; CURRO JOHN JOSEPH CINCINNATI ; D H BENSON ; D R DYE ; D R OYE ; DEBORAH RUTH DYE ; DH BENSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class (IPC 8–9):
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A61F13/539 A61F5/44 A61K8/00 A61K8/02 A61Q1/00 A61Q19/00 A61Q19/10 B29C59/04 B29L31/48 B32B37/12 B32B38/00 B32B5/02 D04H1/54 (Advanced/Non–invention);
A47L13/16 A61F13/15 A61F5/44 A61K8/00 A61K8/02 A61K8/72 A61Q1/00 A61Q1/02 A61Q15/00 A61Q17/04 A61Q19/00 A61Q19/02 A61Q19/10 A61Q5/12 A61Q90/00 B26F1/00 B29C55/18 B32B3/24 B32B38/04 B32B5/22 B32B7/04 C11D17/04 D04H13/00 (Core/Invention);
B32B (Subclass/Invention);
A61F (Subclass/Non–invention)

International class (IPC 1–7):
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B65D33/36 B65D75/30 B65D75/58 B65H81/00 D04H1/00 D04H1/54 D04H13/00 D04H3/00 D04H5/00 D21H27/30 D21H27/32 H01B1/00 H01B1/20 H01B1/22 H01B7/00 H01B7/02 H02G1/00

CPC: B29C47/0021 B29C47/003 B29C47/0057 B29C47/0064 B29C47/065 B29C69/00 B29C55/023 B29C59/007 B29C59/04 B29C65/02 B29C65/18 B29C65/7437 B29C66/21 B29C66/436 B29C66/45 B29C66/4722 B29C66/83413 B29C66/83511 B29C2793/0045 B29K2105/0854 B29K2995/0068 B29L2009/00 B29L2031/4878 B29L2031/737 B29L2031/7374 B65D75/30 H01B7/0838 A61F2013/51165 A61F2013/51182 A61F2013/51322 B32B2555/02 B65D75/58 A61F13/15707 A61F13/15756 A61F13/5146 A61F13/536 B29C66/83411 B29C66/81433 Y10T428/24298 Y10T428/24314 Y10T428/24322 Y10T428/24331 Y10T428/24562 Y10T428/24612 Y10T428/2481 Y10T428/24826 Y10T428/24851 Y10T428/24777 Y10T428/23 Y10T428/24802 Y10T428/234 Y10T428/237 Y10T428/24041 Y10T428/24273 Y10T428/24479 Y10T428/24942 B29C55/18 Y10T428/233 Y10T428/24496 Y10T428/1324 Y10T428/1362 Y10T428/239 Y10T428/2457 B29C66/727 B29C66/7294 B29C66/729 Y10T442/668 Y10T442/671 Y10T442/69 Y10T442/60 Y10T442/651 Y10T442/673 Y10T442/674 Y10T442/61 Y10T442/654 Y10T442/655 Y10T442/657 Y10T442/659 Y10T442/647 Y10T442/656 Y10T442/693 Y10T442/601 Y10T442/602 Y10T442/679 Y10T442/3472 Y10T442/637 Y10T442/2525 B29C66/71 B29C66/73921 B29C66/7392 B29C66/7394 B29C66/73941 B29C65/06 B29C65/08 Y10T428/249994 Y10T428/249995 Y10T428/249921 Y10T428/249924 Y10T428/249939 B29C66/73143 D04H1/425 D04H1/559 A61F13/51113 A61F13/511 A61F13/51394 A61F13/15593 A61F13/15699 A61F13/15731 A61F13/4902 A61F13/51104 A61F13/5123 A61F13/51464 A61F13/51476 A61F13/51478 A61F13/00 A61F13/51121 A61F13/5116 A61F13/513 A47L13/17 A61F13/53 A61F13/537 A61F13/539 A61F2013/53782 A61F13/8405 A61Q19/00 A61Q19/10 B26F1/20 B26F1/24 A61F13/512 B32B5/022 B32B5/08 B32B7/045 B32B7/12 B32B27/12 B32B27/32 B32B2262/0253 B32B2262/062 B32B2262/065 B32B2262/067 B32B2262/12 B32B2262/14 B32B2264/00 B32B2307/31 B32B2307/718 B32B2307/726 B32B2307/732 B32B2437/00 B32B2479/00 B32B2535/00 B29C66/232 B29C66/234 B29C66/723 B29C66/72321 B29C66/72328 B29C66/72343 B29C66/1122 B32B15/14 B32B15/046 B32B15/08 B32B27/322 B32B2457/00 B32B2307/204 B32B2305/026 B32B5/18 B32B5/245 B32B29/002 B32B29/02 B32B2311/00 B32B37/0076 B32B2305/18 A47L1/15 B32B15/04 B32B2037/0092 B32B2307/202 C11D17/049 B32B5/04 A61K8/0208 B32B3/266 B32B5/26 B32B7/04 B32B27/06 B32B37/12 B32B37/144 B32B38/0004 B32B38/0012 B32B38/04 B32B2038/0028 B32B2038/047 B32B2305/20 B32B2307/51 B29C66/1312

European class: A47L1/15 A47L13/17 A61F13/15M2B A61F13/15M5 A61F13/15M6 A61F13/15M6C A61F13/15M7 A61F13/49D2H A61F13/511A A61F13/511D A61F13/512 A61F13/512B A61F13/513 A61F13/514B1A A61F13/514B2 A61F13/514C1 A61F13/514C2 A61F13/53 A61F13/536 A61F13/537 A61F13/539 A61F13/84B A61K8/02C A61Q19/00 A61Q19/10 B26F1/20 B26F1/24 B29C55/02B B29C55/18 B29C59/00G B29C65/02 B29C65/18 B29C65/7437 B29C66/21 B29C66/4722 B29C66/83411 B29C66/83413 B29C69/00 B32B15/04 B32B27/06 B32B3/26B B32B37/00D B32B37/14B B32B38/00A B32B38/00C B32B38/04 B32B5/04 B32B5/26 B32B7/04 B65D75/30 B65D75/58 C11D17/04F D04H13/00B2 D04H13/00B5 H01B7/08E K61F13/494A1D K61F13/511E1 K61F13/511E5 K61F13/513D K61F13/537E4 L29C47/00J5 L29C47/00J9 L29C47/00L8 L29C59/04 L29C65/18 L29C66/45 L29C66/83511 L29C793/00E L29K105/08C L29K995/00F17 L29L31/48E2 L29L31/737 L29L31/7374 L29L9/00 L32B305/18 L32B305/20 L32B307/202 L32B307/204 L32B307/510 L32B37/00E L32B37/12 L32B38/00C8 L32B38/04C L32B555/02

US class: 156/184 156/184S 156/229 156/229S 156/50 156/51 156/52 156/55 156/56 162/123 162/123S 162/125 162/125S 162/128 162/128S 162/132 162/132S 174/113.00R 174/113R 174/119 174/119.00R 174/119.00RS 174/119R 174/120.00R 174/120R 174/121 174/121.00R 174/121.00RS 174/121R 174/122.00R 174/122R 174/124.00R 174/124R 174/68.1 174/68.100P 174/68.100S 239/53 239/57 428/103 428/103S 428/131 428/131S 428/134 428/136 428/137 428/137P 428/138 428/138S 428/156 428/156S 428/158 428/166 428/167 428/167S 428/172 428/172S 428/192 428/192S 428/195.1 428/196 428/196S 428/198 428/198P 428/201 428/212 428/221 428/292.1 428/297.1 428/320.2 428/321.1 428/34.8 428/36.1 428/68 428/71 428/72 428/72S 428/74 428/76 428/81 428/81S 442/123 442/123S 442/239 442/239S 442/327 442/327S 442/328 442/328S 442/329 442/336 442/336P 442/361 442/361S 442/370 442/373 442/373P 442/373S 442/376 442/377 442/377S 442/378 442/379 442/379S 442/381 442/381P 442/381S 442/389 442/389S 442/392 442/392S 442/393 442/394 442/394S 442/399 442/409 442/409S 442/412 604/378 604/378P 604/383 604/383S

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0) US2005238682A – TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

22) Family number: 32362115 (US2005238682A) © PatBase

Title: TISSUE PAPER WITH PROTRUDING LOTION DEPOSITS

Priority:

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Family:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO LUIGI ; KLEINWAECHTER JOERG ; MARCOTT CURTIS A ; PROCTER AND GAMBLE ; MARCOTT CURTIS ALLEN ; WARNER RONALD RAY ; WARNER RONALD R

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; BUTZ KIRK

Inventor(s):(std)**:** ANAST JOHN M ; ANAST JOHN MATTHEW ; BUTZ DIRK ; DI GIROLAMO GALASSO LUIGI ; DI GIROLAMO LUIGI ; DIRK ANAST JOHN M WARNER RONAL ; GIROLAMO LUIGI DI ; JOERG KLEINWAECHTER ; KLEINWAECHTER JOERG ; MARCOTT CURTIS ; MARCOTT CURTIS A ; MARCOTT CURTIS ALLEN ; LUIGI KLEINWAECHTER JOERG BUTZ ; SAEVECKE DIRK ; WARNER RONALD R ; WARNER RONALD RAY ; WARNER RONALD ; ANAST JOHN ; DIRK BUTZ ; BUTZ KIRK

Inventor(s): WARNER ; MARCOTT ; RONALD RAY ; RONALD RAY WARNER ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN ; KLEINWAECHTER JOERG BUTZ DIRK MARCOTT CURTIS ALLEN DI GIROLAMO LUIGI ; LUIGI ; LUIGI DI GIROLAMO ; JOHN MATTHEW ; JOHN MATTHEW ANAST ; KLEINWAECHTER ; JOERG ; DIRK ; CURTIS ALLEN ; CURTIS ALLEN MARCOTT ; DI GIROLAMO ; BUTZ ; ANAST JOHN M WARNER RONALD R KLEINWAECHTER JOERG B ; ANAST

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US

UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01N25/34 A47K10/16 A47K7/00 A61K7/00 A61K7/40 A61K7/48 A61K8/02 A61K8/30 A61K8/31 A61K8/34 A61K8/37 A61K8/41 A61K8/42 A61K8/55 A61K8/63 A61K8/68 A61K8/89 A61K8/92 A61K9/10 A61K9/70 A61L15/34 A61L15/44 A61L2/00 A61Q19/00 D06M13/00 D21C7/14 D21H17/03 D21H17/07 D21H17/13 D21H19/10 D21H19/66 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); A61F13/15 (Advanced/Non–invention); A01N25/34 A47K10/00 A47K7/00 A61K8/02 A61K8/30 A61K8/72 A61K8/92 A61K9/70 A61L15/16 A61L2/00 A61Q19/00 D21C7/00 D21H17/00 D21H19/00 D21H25/00 D21H27/00 D21H27/30 (Core/Invention); A61F13/15 (Core/Non–invention)

International class (IPC 1–7): A61K9/70 A61L2/00 D21H19/10 D21H21/14 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30

CPC: D21H19/10 D21H27/30 A61K9/70 A61K47/06 A61K47/08 A61K47/10 A61K47/16 D21C7/14 D21H27/02 A61K9/7007 A61F13/8405 A61L15/34 A61L15/44 A61L2300/22 A61L2300/602 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H21/14 A61K8/42 A61K8/0208 A61K2800/244 A61Q19/00 Y10T428/273

European class: A61K47/06 A61K47/08 A61K47/10 A61K47/16 A61K8/02C A61K8/42 A61K9/00 A61K9/00M3 A61K9/70 A61K9/70B A61L15/34 A61L15/44 A61Q19/00 D21C7/14 D21H19/10 D21H23/22 D21H23/50 D21H25/02 D21H27/00 D21H27/02 D21H27/30 K61F13/84B K61K201/054 K61K800/244 K61L300/220 K61L300/602

US class: 162/109 162/135 162/135S 162/158 162/158S 162/179 424/400 424/402 424/402P 424/404 424/414 424/443 424/443P 427/2.31 427/2.310S 427/240 427/458 428/341 428/341S

Classification Explorer

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0) US2002117578A – SHEET MATERIAL DISPENSER WITH PERFORATION SENSO...

23) Family number: 28219846 (US2002117578A)

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Title: SHEET MATERIAL DISPENSER WITH PERFORATION SENSOR AND METHOD

Priority: CA20022372117 20020213 US20010793077 20010227 US20040881467 20040701 US20070686648 20070315

Family:

Publication number	Publication date	Application number	Application date
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US6766977 BB	20040727	US20010793077	20010227
US7191977 BB	20070320	US20040881467	20040701
US7832679 BB	20101116	US20070686648	20070315

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std)**:** GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CORP

Assignee(s): GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; GEORGIA PACIFIC RESIN INC ; KNITTLE JOHN J ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; BROEHL JOSHUA M ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DENEN DENNIS J ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std)**:** BROEHL JOSHUA M ; DENEN DENNIS J ; KNITTLE JOHN J

Inventor(s): KNITTLE JOHN ; DENEN DENNIS ; BROEHL JOSHUA

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class (IPC 8–9): A47K10/36 A47K10/38 B26F3/02 B65H26/06 B65H35/10 B65H43/00 (Advanced/Invention)

International class (IPC 1–7): A47K10/34 A47K10/38 B65H26/00 B65H35/10 B65H43/00 B65H5/02 B65H5/04 B65H63/00

CPC: Y10T225/205 Y10T225/211 B65H35/10 B65H2511/512 B65H2553/412 A47K10/3612 A47K10/3625 A47K2010/3675 B65H43/00

European class: A47K10/36 B65H35/10 B65H43/00 L65H511/512 L65H553/412

US class: 225/10 225/10P 225/16 225/16S 242/563 242/563.2 242/563P

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0) US5611890A – TISSUE PAPER CONTAINING A FINE PARTICULATE FILL...

24) Family number: 30377829 (US5611890A) © PatBase

Title: TISSUE PAPER CONTAINING A FINE PARTICULATE FILLER

Priority:

US19950418990	19950407	US19950553167	19951107	US19960771082	19961220
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Family:

Publication number	Publication date	Application number	Application date
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NO992979 A0	19990617	NO19990002979	19990617	
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VN1472 A1	20000925	VN19970000989	19971028	
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WO9828491 A1	19980702	WO1997US23078	19971215	
ZA9602500 A	19961002	ZA19960002500	19960328	
ZA9711278 A	19980623	ZA19970011278	19971215	

Probable Assignee: GEORGIA TECH RESEARCH CORP

Assignee(s):(std)**:** BOURBON ROBERT MICHAEL ; DEASON HOWARD THOMAS ; PROCTER AND GAMBLE ; PAPER SCIENCE AND TECH INST INC ; PAPER SCIENCE AND TECHNOLOGY R ; LORENZ DAVID JOCHEN ; NEAL CHARLES WILLIAM ; PAPER SCI AND TECH INST ; INST OF PAPER SCIENCE AND TECHNO ; PAPER SCIENCE AND TECHNOLOGY I ; PAPER SCIENCE AND TECHNOLOGY RESEARCH INST ; PROCTER AND GAMBLE CO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER Y GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTOR AND GAMBLE CO ; PROCTER Y GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY INC ; INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY ; PAPER SCIENCE AND TECHNOLOGY INST ; OF PAPER SCIENCE AND TECHNOLOGY INC INST ; OF PAPER SCIENCE AND TECHNOLOGY INST ; PROCTER AND ; ERSPAMER JOHN PAUL ; FICKE JONATHAN ANDREW ; GAMBLE CO ; GEORGIA TECH RESEARCH

CORP ; HALTER JEFFRESS PAUL ; HERSKO BART STEVEN

Inventor(s):(std)**:** BOURBON ROBERT MICHAEL ; BOURDON ROBERT M ; BOURDON ROBERT MICHAEL ; CHARLES W NEAL ; CHARLES WILLIAM NEAL ; DAVID JOCHEN LORENZ ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; ERSPAMER JOHN P ; ERSPAMER JOHN PAUL ; BART S HERSKO ; BART S HESKO ; BART STEVEN HERSKO ; FICKE JONATHAN A ; FICKE JONATHAN ANDREW ; HALTER JEFFRESS P ; HALTER JEFFRESS PAUL ; HALTER JEFRESS PAUL ; HERSKO BART S ; HERSKO BART STEVEN ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JEFFRESS PAUL HALTER ; JOHN P ERSPAMER ; JOHN PAUL ERSPAMER ; JONATHAN A FICKE ; KENNETH DOUGLAS VINSON ; LORENZ DAVID JOCHEN ; NEAL CHARLES W ; NEAL CHARLES WILLIAM ; NEAL CHARLES WILLIAM AND ; PAUL THOMAS WEISMAN ; ROBERT M BOURDON ; ROBERT MICHAEL BOURDON ; VINSON KENNETH D ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN PAUL ; VINSON KENNETH ; VINSON DOUGLAS ; NEAL WILLIAM ; NEAL CHARLES ; LORENZ DAVID ; HESKO BART S ; HALTER PAUL ; ERSPAMER PAUL ; DEASON HOWARD ; BOURDON ROBERT ; ANDREW FICKE JONATHAN ANDREW ; JONATHAN ANDREW FICKE ; KENNETH D VINSON

Inventor(s): Kenneth Douglas ; Vinson ; Jonathan Andrew ; JEFRESS PAUL HALTER ; Hersko ; Barth Steven ; Ficke

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9)**:** A47K10/16 D21H11/12 D21H15/02 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40 (Advanced/Invention); D21H17/67 D21H17/68 D21H27/00 D21H27/40 (Advanced/Non–invention); A47K10/00 D21H17/00 D21H27/30 (Core/Invention)

International class (IPC 1–7)**:** A47K10/16 B32B D21H11/12 D21H15/04 D21H17/00 D21H17/06 D21H17/45 D21H17/55 D21H17/67 D21H17/68 D21H21/00 D21H23/04 D21H27/00 D21H27/30 D21H27/38 D21H27/40

CPC: D21H27/38 Y10T428/24455 Y10T428/24463 D21H27/40 D21H17/68 D21H17/67

European class: D21H17/67 D21H17/68 D21H27/38 D21H27/40 N21H17/68

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/149 162/158 162/164.1 162/168.1 162/175 162/181.1 162/181.2 162/181.3 162/181.4 162/181.5 162/181.6 162/181.8 162/183 428/153 428/154

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0) US2006266758A – SHEET MATERIAL DISPENSER

25) Family number: 33892566 (US2006266758A)

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Title: SHEET MATERIAL DISPENSER

Priority: US20050140342 20050527 US20050420085 20050524 US20060420085 20060524 WO2006US20367 20060526

Family:

Publication number	Publication date	Application number	Application date
AU2006252725 AA	20061207	AU20060252725	20060526
BRPI0610098 A2	20081209	BR2006PI10098	20060526
CA2606114 AA	20071025	CA20062606114	20060526
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CR9453 A	20080303	CR20070009453	20071019
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DOP2006000121 A	20061130	DO20060000121	20060526
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WO06130450 A3	20070308	WO2006US20367	20060526
ZA200709039 A	20090128	ZA20070009039	20060526

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; TRAMONTINA PAUL FRANCIS ; LEWIS RICHARD PAUL ; PROVENZANO GUY WILLIAM ; PROVENZANO GUY W ; TRAMONTINA PAUL F ; LEWIS RICHARD P

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC US ; KIMBERLI KLARK VORLDVAJD INK

Inventor(s):(std): FRANCIS TRAMONTINA PAUL ; GUY W PROVENZANO ; L JUIS RICHARD POL ; LEWIS RICHARD P ; LEWIS RICHARD PAUL ; PAUL LEWIS RICHARD ; PROVENTSANO GAJ UIL JAM ; PROVENZANO GUY W ; PROVENZANO GUY WILLIAM ; TRAMONTINA PAUL F ; TRAMONTINA PAUL FRANCIS ; TREHMONTAJNA POL FREHNSIS ; WILLIAM PROVENZANO GUY ; RICHARD PAUL LEWIS ; RICHARD P LEWIS ; PAUL FRANCIS TRAMONTINA ; PAUL F TRAMONTINA ; GUY WILLIAM PROVENZANO

Inventor(s): L'JUIS RICHARD POL ; PROVENTSANO GAJ UIL'JAM ; RICHARD PAUL LEWIS PAUL FRANCIS TRAMONTINA ; TRAMONTINA PAUL ; PROVENZANO GUY ; LEWIS RICHARD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47D5/00 A47K10/24 A47K10/38 A47K10/42 A47K10/44 B65D83/08 B65H1/00 B65H1/04 B65H3/00 B65H3/22 (Advanced/Invention);
A47K10/42 B65D83/08 (Advanced/Non–invention);
A47D5/00 A47K10/24 B65D83/08 B65H1/00 B65H3/00 (Core/Invention);
A47K10/42 B65D83/08 (Core/Non–invention);
A47K B65D (Subclass/Invention)

International class (IPC 1–7): A47K10/42 B65D83/08 B65H1/00

CPC: A47K10/423 A47K2010/3266 B65D83/0811 B65D83/0894 B65H1/04 B65H3/56

European class: A47K10/42B3 B65D83/08B1 B65D83/08H B65H1/04 B65H3/56 K47K10/32W

US class: 221/151 221/152 221/213 221/249 221/259 221/33 221/37 221/39 221/40

Classification Explorer

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0) US2008217809A – ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE...

26) Family number: 42146928 (US2008217809A)

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Title: ABSORBENT CORE FOR DISPOSABLE ABSORBENT ARTICLE

Priority:

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WO2008IB50793	20080305	US20160156970	20160517	US20160225141	20160801
US20160291383	20161012				

Family:

Publication number	Publication date	Application number	Application date
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US2008221538 AA	20080911	US20070714020	20070305

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US2011174430 AA	20110721	US20110073185	20110328
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US2017027766 AA	20170202	US20160291383	20161012
US7935207 BB	20110503	US20070713992	20070305
US8502013 BB	20130806	US20070714020	20070305
US9358705 BB	20160607	US20110073185	20110328
WO08107846 A1	20080912	WO2008IB50793	20080305

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** ARORA KELYN ANNE ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; MCAFFRY KAREN DENISE ; PROCTER AND GAMBLE ; NOEL JOHN RICHARD ; ZHAO JEAN JIANQUN

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** ANNE ARORA KELYN ; ARORA KELYN ANNE ; DENISE MCAFFRY KAREN ; FRANCIS GRAY BRIAN ; GILBERTSON GARY WAYNE ; GRAY BRIAN FRANCIS ; JIANQUN ZHAO JEAN ; NOEL JOHN RICHARD ; RICHARD NOEL JOHN ; WAYNE GILBERTSON GARY ; MCAFFRY KAREN DENISE ; ZHAO JEAN JIANQUN ; ARORA KELYN ANN

Inventor(s): NOEL JOHN ; ZHAO JEAN ; JOHN RICHARD NOEL ; KAREN DENISE MCAFFRY ; KELYN ANNE ARORA ; MCAFFRY KAREN ; JEAN JIANQUN ZHAO ; GRAY BRIAN ; GARY WAYNE GILBERTSON ; GILBERTSON GARY ; BRIAN FRANCIS GRAY ; ARORA KELYN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/47 A61F13/472 A61F13/53 A61F13/532 A61F13/533 A61F13/535 A61F13/536 B29C43/00 B29C43/22 B29C43/46 B29C53/02 B29C59/00 B29C59/02 B29C59/04 B29C65/02 B32B37/16 B32B37/20 B32B38/04 (Advanced/Invention); B29K105/04 B29L31/48 (Advanced/Non–invention); A61F13/15 B29C43/00 (Core/Invention)

International class (IPC 1–7): A61F13/532

CPC: A61F13/47 A61F13/15699 A61F13/15723 B29C43/222 B29C2043/464 B29K2105/04 B29K2995/0065 B29L2031/4878 Y10T156/1007 Y10T156/101 Y10T156/102 Y10T156/1074 B29C59/046 B29C65/02 B29K2313/00 B29C43/46 A61F13/15731 A61F13/472 B29C59/025 B29C59/002 B29K2623/12 B29K2623/06 A61F2013/530226 A61F2013/15422 A61F2013/530343 A61F2013/530437 A61F2013/530868 A61F13/15707 A61F13/533 A61F13/536

European class: A61F13/15M6 A61F13/533 A61F13/536 B29C43/22B B29C43/46 L29C43/46A3 L29K105/04 L29K995/00F16 L29L31/48E2

US class: 1/1 156/199 156/201 156/207 156/209 156/263 156/290 264/229 264/229P 604/367 604/367P 604/368 604/368S 604/374 604/378 604/378P 604/380 604/385.01 604/385.101

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0) US2001050083A – IRRADIATION ENHANCED PERMEATION AND DELIVERY

27) Family number: 44207603 (US2001050083A)

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Title: IRRADIATION ENHANCED PERMEATION AND DELIVERY

Priority:

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Family:

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WO9804320 A1	19980205	WO1997US11927	19970707
WO9833444 A1	19980806	WO1998US00706	19980114

Probable Assignee: TRANSMEDICA INT INC

Assignee(s):(std)**:** FLOCK STEPHEN T ; TRANSMEDICA INTERNATIONAL INC ; TRANSMEDICA INTERNATL INC ; TRANSMEDICA INTERNAT INC ; TRANSMEDICA INT INC ; TINNITUS CONTROL INC ; VENISECT INC ; WANER MILTON ; VESTAL CHARLES H

Assignee(s): TRANSMEDICA INT ; NORWOOD ABBEY LTD ; MARCHITTO KEVIN S ; LEHMAN PAUL ; BERNARD MATTHEWS LIMITED ; BERNARD MATTHEWS LTD ; LABARGE INC

Inventor(s):(std)**:** LEHMAN PAUL ; LEHMAN PAUL A ; LEHMANN PAUL ; MARCHITLO KEVIN S ; MARCHITO KEVIN S ; MARCHITTO KEVIN S ; VESTAL CHARLES H ; VESTAL H ; WANER MILTON ; SITLER DONALD D ; FLOCK T ; FLOCK STEPHEN T ; DUBE GEORGE ; CHOY DANIEL S J

Inventor(s):

CHOY DANIEL SJ ; CHARLES H VESTAL ; VESTAL CHARLES ; FLOCK STEPHEN ; STEPHEN T FLOCK ; KEVIN S MARCHITTO ; MILTON WANER ; PAUL LEHMAN ; PAUL LEHMANN ; MARCHITTO KEVIN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A61B10/00 A61B17/00 A61B17/34 A61B18/00 A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61B5/154 A61J1/05 A61J3/00 A61K9/06 A61M21/00 A61M37/00 A61M5/00 A61N1/16 A61N1/30 A61N5/06 A61N5/067 G10K11/178 H01S3/06 (Advanced/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61B5/15 A61M37/00 H01S3/02 H01S3/092 (Advanced/Non–invention); A61B18/18 A61B18/20 A61B19/00 A61B5/145 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/06 H01S3/06 (Core/Invention); A61B10/00 A61B17/00 A61B17/20 A61B17/34 A61B18/00 A61B19/00 A61B5/145 A61M37/00 H01S3/02 H01S3/0915 (Core/Non–invention)

International class (IPC 1–7): A16N5/00 A61B10/00 A61B17/36 A61B18/18 A61B18/20 A61B19/00 A61B5/00 A61B5/14 A61B5/15 A61J1/05 A61J3/00 A61K9/06 A61M37/00 A61M5/00 A61N1/00 A61N1/30 A61N5/00 A61N5/06 A61N5/067

CPC: H01S3/025 H01S3/0602 H01S3/093 A61M21/00 A61M2021/0027 G10K11/178 A61B5/7217 A61B5/150343 A61B5/15138 H04R25/75 A61B5/150076 A61B5/150099 A61B2090/395 A61B2010/008 A61B2017/00057 A61M2037/0007 A61B5/15134 A61B5/411 A61B17/205 A61B17/3476 A61B18/20 A61B18/203 A61B2017/00765 A61B2018/00452 A61B2218/008 A61M37/00 A61N1/16 A61B5/150755 A61B5/150351 A61B5/150954 A61B5/150022

European class: A61B18/20 A61B18/20H A61B5/14 A61B5/151B A61B5/41B A61M21/00 A61M37/00 A61N1/16 G10K11/178 H01S3/06A H04R25/75 K61B10/00L11 K61B17/00C1L K61B17/00R2S K61B17/20B K61B17/34P K61B18/00F8 K61B19/54J6 K61B218/00D4D K61B5/14 K61B5/14B2 K61M21/00A5 K61M37/00 K61M37/00D T01S3/02S T01S3/093

US class: 128/770 128/897 128/898 128/898S 600/573 600/573P 604/20 604/20S 604/21 606/10 606/10S 606/13 606/13S 606/17 606/17S 606/2 606/2S 606/3 606/7 606/9 606/9P 606/9S 607/88 607/88S 607/89 607/89S

Classification Explorer

Cited documents: WO9707734 A1, WO9409713 A1, WO9214514 A1, US6156030 A, US5713845 A, US5658892 A, US5657760 A, US5644585 A, US5643252 A, US5642370 A, US5636632 A, US5630811 A, US5624434 A, US5617851 A, US5614502 A, US5611795 A, US5586981 A, US5582184 A, US5556612 A, US5554153 A, US5553629 A, US5522813 A, US5468239 A, US5461212 A, US5458140 A, US5445611 A, US5437658 A, US5423803 A, US5423798 A, US5421816 A, US5397327 A, US5360447 A, US5360426 A, US5342355 A, US5324200 A, US5312395 A, US5304170 A, US5290279 A, US5290273 A, US5281214 A, US5246436 A, US5231975 A, US5182759 A, US5165418 A, US5137817 A, US5125922 A, US5074861 A, US5074860 A, US5066293 A, US5066291 A, US5030217 A, US5029581 A, US5013119 A, US4985029 A, US4960467 A, US4951663 A, US4949728 A, US4941093 A, US4940411 A, US4917084 A, US4882492 A, US4850352 A, US4829262 A, US4827484 A, US4775361 A, US4712537 A, US4710940 A, US4705036 A, US4648892 A, US4641912 A, US4628416 A, US4383729 A, US4028636 A, US3865113 A, US3622743 A, SU2027450, SU2005515, SU1670858 T, SU1614808 T, RU2063180 C1, RU2027450 C1, RU2005515 C1, JP7039542 A2, JP4314428 A2, EP0214712 A1,

0) US2010101185A – METHOD AND DEVICE FOR MANUFACTURING ROLLS OF WE...

28) Family number: 33602445 (US2010101185A)

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Title: METHOD AND DEVICE FOR MANUFACTURING ROLLS OF WEB MATERIAL WITH AN OUTER WRAPPING

Priority: EP20060745306 20060427 IT2005FI00087 20050502 WO2006IT00289 20060427

Family:

Publication number	Publication date	Application number	Application date
AT551283 E	20120415	AT20060745306T	20060427
BRPI0611380 A2	20100831	BR2006PI11380	20060427
CA2607168 AA	20071101	CA20062607168	20060427
CA2607168 C	20140211	CA20062607168	20060427
CN101189177 A	20080528	CN200680015083	20060427
CN101189177 B	20110810	CN200680015083	20060427
DE602006028467 D1	20120524	DE200660028467T	20060427
EP1877332 A1	20080116	EP20060745306	20060427
EP1877332 B1	20120328	EP20060745306	20060427
ES2382102 T3	20120605	ES20060745306T	20060427
IN04931CN2007 A	20080125	IN2007CN04931	20071101
IN262931 B	20140926	IN2007CN04931	20071101
ITFI20050087 A1	20061103	IT2005FI00087	20050502
JP2008540287 T2	20081120	JP20080509581T	20060427
JP5114386 B2	20130109	JP20080509581T	20060427
KR101275480 B1	20130614	KR20077028001	20060427
KR20080013976 A	20080213	KR20077028001	20060427
US2010101185 AA	20100429	US20060919667	20060427
US8215086 BB	20120710	US20060919667	20060427
WO06117822 A1	20061109	WO2006IT00289	20060427

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; MADDALENI ROMANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA ; FRANCE TELECOM

Inventor(s):(std)**:** MAURO GELLI ; ROMANO MADDALENI ; MADDALENI ROMANO ; GELLI MAURO

Inventor(s): GELLI MAURO I 55066 CAPANNORI ; MADDALENI ROMANO I 56031 BIENTINA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65B63/04 B65D85/671 B65H18/20 B65H18/26 B65H19/22 B65H19/26 B65H19/29 H04B7/08 (Advanced/Invention);
B65H19/29 (Advanced/Non–invention);
B65B63/00 B65D85/67 B65H18/08 B65H18/14 B65H19/22 (Core/Invention)

International class (IPC 1–7): B65H19/29

CPC: B65H2408/235 B65H19/29

European class: B65H19/29 L65H408/235

US class: 242/521 242/521S 242/542.1 242/542.2 53/116 53/118 53/118S 53/204 53/211 53/399 53/430 53/430P 53/435 53/435S 53/513 53/513S 53/520 53/520S

Classification Explorer

Cited documents: WO04046006 A2, WO04035441 A1, WO02055420 A1, WO0164563 A2, USRE28353 E, US6696458 BB, US6656033 BB, US6648266 BA, US6494398 BA, US6422501 BA, US6405969 BA, US6370848 BA, US6298634 BA, US6153750 A, US6050519 A, US5853140 A, US5839680 A, US5769352 A, US5690296 A, US5660349 A, US5657616 A, US5639046 A, US5603467 A, US5542622 A, US5538199 A, US5513478 A, US5505405 A, US5505402 A, US5402960 A, US5368252 A, US5115734 A, US5104055

A, US4962897 A, US4856725 A, US4723724 A, US4581083 A, US4056918 A, US4040574 A, US3990215 A, US3678646 A, US3585779 A, US3505150 A, US3128057 A, US2638725 A, US2003189123 AA, US1628322 A, JP7257788 A2, JP7257788, JP5278909 A2, JP5278909, JP2004231193 A2, JP2004231193, GB672900 A, GB672900,

0) US2002148584A – WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBE...

29) Family number: 28322066 (US2002148584A)

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Title: WET CREPE THROUGHDRY PROCESS FOR MAKING ABSORBENT SHEET AND NOVEL FIBROUS PRODUCTS

Priority:

CA20022367616	20020111	CA20102367616	20100928	US20060548014	20061010
US20040806792	20040323	US20020042513	20020109	US20010261879P	20010112

Family:

Publication number	Publication date	Application number	Application date
CA2367616 AA	20020712	CA20022367616	20020111
CA2367616 C	20101221	CA20022367616	20020111
CA2713301 AA	20020712	CA20022713301	20020111
CA2713301 C	20150922	CA20022713301	20020111
US2002148584 AA	20021017	US20020042513	20020109
US2004226673 AA	20041118	US20040806792	20040323
US2007107863 AA	20070517	US20060548014	20061010
US6752907 BB	20040622	US20020042513	20020109
US7160418 BB	20070109	US20040806792	20040323
US7691228 BB	20100406	US20060548014	20061010

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s):(std): GEORGIA PACIFIC CORP ; GEORGIA PACIFIC CONSUMER PROD ; WENDT GREG A ; SUPER GUY H ; WORRY GARY L ; WIELEN MICHAEL J VANDER

Assignee(s): GEORGIA PACIFIC WOOD PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GP CELLULOSE GMBH ZUG SWITZERLAND LIABILITY CO LTD ; MCDOWELL JEFFREY C ; MCCULLOUGH STEPHEN J ; VANDER WIELEN MICHAEL J ; MARINACK ROBERT J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CORRUGATED LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC GYPSUM LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC LLC DELAWARE PARTNERSHIP LTD ; GEORGIA PACIFIC CONSUMER PRODUCTS LLC ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; EDWARDS STEVEN L ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s):(std): EDWARDS STEVEN L ; MARINACK ROBERT J ; MCCULLOUGH STEPHEN J ; MCDOWELL JEFFREY C ; SUPER GUY H ; VANDER WIELEN MICHAEL J ; WENDT GREG A ; WORRY GARY L ; WIELEN MICHAEL J VANDER

Inventor(s): WORRY GARY ; WENDT GREG ; VANDER WIELEN MICHAEL ; SUPER GUY ; MCDOWELL JEFFREY ; MCCULLOUGH STEPHEN ; MARINACK ROBERT ; EDWARDS STEVEN

International class (IPC 8–9): A47K10/16 B31F1/12 B31F1/14 B31F1/16 D21F11/14 D21F3/02 D21F5/02 D21F5/06 D21F5/18 D21F9/00 D21G9/00 D21H11/14 D21H15/00 D21H25/00 D21H27/14 D21H27/40 (Advanced/Invention); D21H27/14 (Advanced/Non–invention)

International class (IPC 1–7): D21F5/00 D21F5/02 D21F5/08 D21F5/18 D21H25/10 D21H27/00

CPC: Y10T428/24455 D21F11/14 D21F3/0218 D21F5/181 D21F5/182 D21F11/145 D21G3/04 D21G9/0063 D21H25/005

European class: D21F11/14 D21F11/14B D21F3/02B2 D21F5/18A D21F5/18B D21G3/04 D21G9/00C D21H25/00B N21H25/00B

US class: 162/100 162/100S 162/109 162/111 162/111S 162/115 162/141 162/141S 162/146 162/146S 162/147 162/147S 162/204 162/207 162/207S 428/153 428/153S

Classification Explorer

Cited documents: WO9609435 A1, USRE28459 E, US6808790 BB, US6808790 BA, US6436234 BA, US6432267 BA, US6273996 BA, US6210528 BA, US6187139 BA, US6187137 BA, US6119362 A, US6036820 A, US6001421 A, US5990377 A, US5968590 A, US5895380 A, US5891309 A, US5865955 A, US5851353 A, US5738760 A, US5672248 A, US5607551 A, US5512139 A, US5510002 A, US5505818 A, US5495678 A, US5494554 A, US5411636 A, US5336373 A, US5232555 A, US5200035 A, US5164045 A, US4764253 A, US4689119 A, US4543156 A, US4529480 A, US4462868 A, US4448638 A, US4443299 A, US4440597 A, US4356059 A, US4225382 A, US4102737 A, US4016030 A, US3994771 A, US3507745 A, US3432936 A, US3301746 A, US2004055694 AA, US2003135181 AA, GB2303647 A1, EP0484101 A2, DE4216264 A1, CA2241820 AA, CA2197485 AA, CA2053505 AA,

0) US2011311345A – HIGH ROLL DENSITY FIBROUS STRUCTURES

30) Family number: 50180797 (US2011311345A) © PatBase

Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Priority:

CA20112803084	20110615	CA20162803084	20160511	US20100356208P	20100618
US20110162630	20110617	WO2011US40513	20110615	US20170460321	20170316

Family:

Publication number	Publication date	Application number	Application date
AU2011268401 AA	20111222	AU20110268401	20110615
CA2803084 AA	20121218	CA20112803084	20110615
CA2803084 C	20160809	CA20112803084	20110615
CA2928608 AA	20111222	CA20112928608	20110615
EP2582876 A2	20130424	EP20110729508	20110615
FR2961529 A1	20111223	FR20110055311	20110617
MX2012014954 A1	20130212	MX20120014954	20110615
US2011311345 AA	20111222	US20110162630	20110617
US2017183824 AA	20170629	US20170460321	20170316
WO11159792 A2	20111222	WO2011US40513	20110615
WO11159792 A3	20120202	WO2011US40513	20110615

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std): MCNEIL KEVIN BENSON

Inventor(s): KEVIN BENSON MCNEIL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F1/07 B65G49/00 B65G65/00 B65H18/08 B65H18/28 D21H17/07 D21H21/18 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/02 D21H27/005 B31F1/07 B65H18/08 D21H27/002 B31F2201/0733 B31F2201/0738

European class: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J

US class: 162/100 162/100S 162/109 162/109S 162/114 162/114S 414/800 414/800P

Classification Explorer

Cited documents: WO08107845 A2, WO03074398 A2, US7704601 BB, US7687140 BB, US7455260 BB, US7392961 BB, US7092781 BB, US7035706 BB, US7000864 BB, US6993964 BB, US6991144 BB, US6845282 BB, US6746569 BA, US6354530 BA, US6142407 A, US5913490 A, US5899404 A, US5810282 A, US5732901 A, US5712210 A, US5690297 A, US5667162 A, US5660350 A, US5335869 A, US4919351 A, US4300981 A, US3994771 A, US3977619 A, US26773605, US2012301536 AA, US2010030174 AA, US2010028621 AA, US2008245693 AA, US2007102559 AA, US2005132904 AA, US18547708, US18545808,

0) US2011079671A – CORELESS TISSUE ROLLS AND METHOD OF MAKING THE ...

31) Family number: 48693817 (US2011079671A) © PatBase

Title: CORELESS TISSUE ROLLS AND METHOD OF MAKING THE SAME

Priority: EP20100821651 20100831 US20090574325 20091006 WO2010IB53910 20100831 US20130970052 20130819

Family:

Publication number	Publication date	Application number	Application date
AU2010304761 AA	20110414	AU20100304761	20100831
AU2010304761 BB	20160204	AU20100304761	20100831
CA2776477 AA	20110414	CA20102776477	20100831
EP2485973 A2	20120815	EP20100821651	20100831
EP2485973 A4	20140305	EP20100821651	20100831
EP2485973 B1	20170628	EP20100821651	20100831
ES2632458 T3	20170913	ES20100821651T	20100831
IL218549 A0	20120531	IL20100218549	20100831
IL218549 A1	20170131	IL20100218549	20100831
JP2013506518 T2	20130228	JP20120532684T	20100831
JP6096511 B2	20170315	JP20120532684T	20100831
KR101711234 B1	20170228	KR20127008811	20100831
KR20120086694 A	20120803	KR20127008811	20100831
MX2012004125 A1	20120508	MX20120004125	20100831
US2011079671 AA	20110407	US20090574325	20091006
US2013327876 AA	20131212	US20130970052	20130819
US8535780 BB	20130917	US20090574325	20091006
US9365376 BB	20160614	US20130970052	20130819
WO11042818 A2	20110414	WO2010IB53910	20100831
WO11042818 A3	20110630	WO2010IB53910	20100831
ZA201202143 A	20130529	ZA20120002143	20100831

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** ARMSTRONG CHRISTINE ANN ; BAGGOT JAMES LEO ; BANDA JR JOEL ; KIMBERLY CLARK CO ; VERBURGT MARK R ; JOBS DENNIS MARVIN ; WOJCIK STEVEN JAMES ; PIGSLEY KENNETH ALLEN ; SHANNON THOMAS GERARD ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; BANDA JOEL JR

Inventor(s):(std)**:** ARMSTRONG CHRISTINE ANN ; BAGGOT JAMES LEO ; BANDA JOEL JR ; BANDA JR ; BANDA JR JOEL ; JOBS DENNIS MARVIN ; PIGSLEY KENNETH ALLEN ; SHANNON THOMAS GERARD ; VERBURGT MARK R ; WOJCIK STEVEN JAMES

Inventor(s): STEVEN JAMES WOJCIK ; THOMAS GERARD SHANNON ; JOEL BANDA JR ; KENNETH ALLEN PIGSLEY ; MARK R VERBURGT ; CHRISTINE ANN ARMSTRONG ; DENNIS MARVIN JOBS ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/38 B65H B65H18/10 B65H18/22 B65H18/26 B65H18/28 B65H19/22 B65H19/26 B65H19/28 B65H75/08 D06N7/04 (Advanced/Invention); A47K10/32 (Advanced/Non–invention); B65H (Subclass/Invention)

CPC: B65H18/10 B65H18/22 A47K2010/3206 B65H19/2276 B65H2301/41423 B65H2301/41426 B65H2301/41468 A47K10/38 Y10T428/24455

European class: B65H19/22C K47K10/32B

US class: 1/1 242/160.1 242/160.100P 242/160.4 242/410 242/522 242/532.2 242/532.200S 242/532.3 242/532.300S 428/153

Classification Explorer

Cited documents: WO9855384, WO9852857 A1, WO02055420, WO0066470, WO0059353 A1, WO0047503, USRE28353 E, US8535780 BB, US8257551 BB, US7909282 BB, US7884259 BB, US7874509 BB, US7691228 BB, US7419570 BB, US7175127 BB, US7000864 BB, US6896767 BB, US6877689 BB, US6871814 BB, US6729572 BB, US6695245 BA, US6595458 BA, US6523775 BB, US6332589 BA, US6311921 BA, US6308909 BA, US6283402 BA, US6264132 BA, US6142407 A, US6092759 A, US6077590 A, US6062507 A, US6056229 A, US6050469 A, US6047916 A, US5979818 A, US5944273 A, US5934602 A, US5918830 A, US5901918 A, US5849357 A, US5839688 A, US5832696 A, US5746379 A, US5730387 A, US5722608 A, US5593545 A, US5531396 A, US5518200 A, US5505402 A, US5497959 A, US5437417 A, US5421536 A, US5402960 A, US5379964 A, US5346150 A, US5226612 A, US5169084 A, US5054708 A, US5000395 A, US4988052 A, US4962897 A, US4930711 A, US4856725 A, US4723724 A, US4588138 A, US4583698 A, US4541583 A, US4529141 A, US4487378 A, US4327876 A, US4283023 A, US4218973 A, US4191341 A, US4190475 A, US4143828 A, US4139164 A, US4133495 A, US4087319 A, US4034928 A, US3991992 A, US3869095 A, US3733035 A, US3519214 A, US3430881 A, US3315908 A, US3157371 A, US3148843 A, US3123315 A, US2979278 A, US2913098 A, US2328582 A, US2326173 A, US2008105776 AA, US2008061182 AA, US2007107863 AA, US2005148261 AA, US2003160127 AA, US2003080234 AA, US1894253 A, US1648990 A, US125597 A, KR20020044137 A, KR106060303 B1, KR100606303 B1, KR100606303, JP9216755 A2, JP9215755, JP6247596 A2, JP6247596, JP6171807 A2, JP5337060 A2, JP5337060, JP2006524093 T2, JP2006524093 T2, JP2006524093, JP2003310475 A2, JP2003310475, JP2003073037 A2, JP2003073037, JP2003061861 A2, JP2003061861, JP2003016861, JP2002240990 A2, JP2001299632 A2, GB2120206 A1, FR2669013 A1, EP1273540 A2, EP1262434 A2, EP1076130 A2, EP1006066 A2, EP0658504 A2, EP0408526 B1, EP0313859 A2, EP0198495 A2, EP0118384 A1, DE3920659 A1, CH476620 A,

0) US2010294449A – APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

32) Family number: 47677442 (US2010294449A)

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Title: APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

Priority:

US20090469715	20090521	US20100722725	20100312	US20100722739	20100312
US20100728352	20100322	US20100722731	20100312	US20100748528	20100329
US20100760609	20100415	WO2010US35346	20100519		

Family:

Publication number	Publication date	Application number	Application date
CA2763004 AA	20111121	CA20102763004	20100519
MX2011012399 A1	20111208	MX20110012399	20100519
US2010294449 AA	20101125	US20100728352	20100322
US2010294450 AA	20101125	US20100722739	20100312
US2010295206 AA	20101125	US20100760609	20100415
US2010297279 AA	20101125	US20100748528	20100329
US2010297280 AA	20101125	US20100722725	20100312
US2010297281 AA	20101125	US20100722731	20100312
US2010297286 AA	20101125	US20090469715	20090521
WO10135390 A1	20101125	WO2010US35346	20100519

Probable Assignee: PROCTER AND GAMBLE CO TH

Assignee(s):(std)**:** BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL

Assignee(s): PROCTER AND GAMBLE CO TH ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; WIWI KEVIN MITCHELL

Inventor(s): DONN NATHAN BOATMAN ; KEVIN MITCHELL WIWI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B28B3/14 B28B3/16 B29C59/04 B31F1/07 D21F3/00 D21F7/00 (Advanced/Invention)

CPC: B31F1/07 B31F2201/0725 B31F2201/0756 B31F2201/0758 B31F2201/0774 B31F2201/0712 B31F2201/0738

European class: B31F1/07 L31F201/07C2B L31F201/07C2D3A L31F201/07C2D3J L31F201/07E L31F201/07G L31F201/07J2

US class: 162/358.3 162/358.300P 162/362 264/175 264/175P 425/336 425/336P 425/373 425/373P 425/517 425/517P

Classification Explorer

Cited documents: WO0073053 A1, US7942995 BB, US7465163 BB, US7435316 BB, US7422658 BB, US7407560 BB, US7297226 BB, US7282108 BB, US7147453 BB, US6872342 BB, US6846172 BB, US6739024 BA, US6715411 BA, US6568931 BB, US6277226 BA, US6176819 BA, US6173496 BA, US6086715 A, US6036909 A, US6030690 A, US5887278 A, US5582689 A, US5436057 A, US5423949 A, US5320036 A, US5294475 A, US5269983 A, US4981389 A, US4921034 A, US4877487 A, US4682942 A, US4486363 A, US4300981 A, US4280978 A, US4211743 A, US4166001 A, US4046612 A, US4012188 A, US4011389 A, US4000242 A, US3994771 A, US3874962 A, US3772076 A, US3700623 A, US3672950 A, US3466358 A, US3414459 A, US3323983 A, US2776452 A, US2562078 A, US2009057950 AA, US2008200320 AA, US2007092700 AA, US2005147797 AA, US2005103456 AA,

0) US5328053A – PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PRO...

33) Family number: 12524387 (US5328053A)

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Title: PACKAGES FOR SINGLE–USE FOLDED TOWELS WHICH PROVIDE FOR UNFOLDING OF THE TOWEL UPON REMOVAL FROM THE PACKAGE

Priority:

AU19940062452	19940223	AU19980063659	19980428	US19930035346	19930322
US19940215066	19940318	US19940210797	19940318	AU19980063660	19980428
WO1994US01800	19940223				

Family:

Publication number	Publication date	Application number	Application date
AT155103 E	19970715	AT19940909718T	19940223
AU199462452 A1	19941011	AU19940062452	19940223
AU199863659 A1	19980709	AU19980063659	19980428
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AU692437 B2	19980611	AU19940062452	19940223
AU704113 B2	19990415	AU19980063659	19980428
AU704117 B2	19990415	AU19980063660	19980428
CA2157569 AA	19950905	CA19942157569	19940223
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CN1085177 C	20020522	CN19981006145	19940223
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CN1085178 C	20020522	CN19981006147	19940223
CN1085178 C	20020522	CN19981006147	19980331
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CN1088034 C	20020724	CN19981006242	19980331
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CN1223226 A	19990721	CN19981006242	19980331
CN1238290 A	19991215	CN19981006145	19980331
CN1238291 A	19991215	CN19981006147	19980331
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EP0689516 B1	19970709	EP19940909718	19940223
ES2104365 T3	19971001	ES19940909718T	19940223
FI954459 A	19950921	FI19950004459	19950921
FI954459 A0	19950921	FI19950004459	19950921
GR3024077 T3	19971031	GR19970401443T	19970710
HK1001252 A1	19980605	HK19980100083	19980105
JP3556221 B2	20040818	JP19940521034T	19940223
JP8508224 T2	19960903	JP19940521034T	19940223
KR19967000944 A	19960224	KR19957004015	19940223
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NZ262656 A	19970822	NZ19940262656	19940223
SG64327 A1	19990427	SG19960004178	19940223
US5328053 A	19940712	US19930035346	19930322
US5361936 A	19941108	US19940210797	19940318
US5363986 A	19941115	US19940215066	19940318
VN1193 A1	20000425	VN19950001369	19950909
WO9421531 A1	19940929	WO1994US01800	19940223

Probable Assignee:	PROCTER AND GAMBLE CO
Assignee(s):(std)**:**	PROCTER AND GAMBLE
Assignee(s):	PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO US ; PROCTOR AND GAMBLE CO ; BERG CHARLES JOHN JR ; COOK CHARLES DENVER
Inventor(s):(std)**:**	JOHNBOGER JR CHLARS ; JOHNBOGER JR CHARLS ; JOHNBOGER CHARLS JR ; JOHN JR BERG CHARLES ; DENVER COOK CHARLES ; DANFEKUKE CHARLS ; COOK DENVER CHARLES ; COOK CHARLES DENVER ; COOK CHARLES D ; COOK CHARLES ; KUKE CHARLES DANVER ; BORGECHARLESJOHN KUKECHARLSDAN ; BORGE CHARLES JOHN ; BERG JR CHARLES JOHN ; BERG JOHN CHARLES ; BERG CHARLES JOHN JR ; BERG CHARLES JOHN ; BERG CHARLES J ; BERG CHARLES
Inventor(s):	KUKECHARLSDANVER BORGECHARLESJOHN JR ; BERG CHARLES JOHN JR CINCINNATI OH 45231 US ; JR CHLARS JOHNBOGER ; JR CHARLS JOHNBOGER ; JR CHARLES JOHN BERG ; JR BERG CHARLES JOHN ; JR ; CHARLS JOHNBOGER JR ; CHARLS DANFEKUKE ; CHARLES JOHN BORGE ; CHARLES JOHN BERG JR ; CHARLES JOHN BERG ; CHARLES DENVER COOK ; CHARLES DANVER KUKE ; CHARLES COOK DENVER ; CHARLES BERG JOHN ; COOK CHARLES DENVER FAIRFIELD OH 45014 US
Designated states:	AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN
International class (IPC 8–9)**:**	A45D37/00 B65D75/58 B65D83/08 (Advanced/Invention); B65D83/08 (Advanced/Non–invention); B65D75/52 B65D83/08 (Core/Invention)
International class (IPC 1–7)**:**	B65D75/28 B65D75/58 B65D75/62 B65D83/08 B65D85/16 B65H1/00 B66D76/68 B66D83/08
CPC:	Y10S206/812 B65D75/58 A45D37/00 A45D2200/1027 A47K2010/428
European class:	A45D37/00 B65D75/58 K45D200/10B4 K47K10/42F
US class:	206/484 206/494 206/812 221/63
Classification Explorer	
Cited documents:	US5246137 A, US5242057 A, US5090592 A, US5076465 A, US5025524 A, US4938347 A, US4890744 A, US4714643 A, US4580695 A, US4550855 A, US4387832 A, US4332319 A, US4219129 A, US4185754 A, US4180160 A, US4168000 A, US4143762 A, US4131195 A, US4002264 A, US3976076 A, US3896966 A, US3841466 A, US3654928 A, US3499575 A, US3485413 A, US3285405 A, US3266544 A, US2923435 A, US2823089 A, US2748821 A, US2629419 A, US2402982 A, US2348041 A, US2211494 A, US2138425 A, US2118473 A, US2093724 A, US2005490 A, US1980059 A, US1730074 A, US1638462 A, US1628981 A, US1583293 A, US1228251 A, US1212349 A, US1123470 A, US1039899 A, EP0544156 B1, EP0253308 A1, DE9106555 U, DE8628368 U, DE2328177 A1,

0) US2006276367A – METHOD OF NEUTRALIZING A STAIN ON A SURFACE

34) Family number: 33979978 (US2006276367A) © PatBase

Title:	METHOD OF NEUTRALIZING A STAIN ON A SURFACE

Priority:

CA20092665976	20090513	CA20092665978	20090513	US20060447439	20060606
US20050687953P	20050607	CA20102708071	20100622	CA20092669711	20090619
US20060447694	20060606	US20080152322	20080514	US20080152307	20080514
US20070799894	20070503	US20070799805	20070503	US20060447817	20060606
US20080152322	20080504	US20060447787	20060606	US20080166933	20080702
US20080317633	20081223	WO2006US21884	20060606	WO2006US21848	20060606
WO2006US21885	20060606	US20090491000	20090624	US20090645320	20091222
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US20110232354	20110914	US20080152405	20080504	US20130975871	20130826
WO2006US22184	20060606	WO2009US02966	20090513	WO2011US01818	20111027
WO2012US36487	20120504				

Family:

Publication number	Publication date	Application number	Application date
AU2006254917 AA	20061214	AU20060254917	20060606
AU2006255083 AA	20061214	AU20060255083	20060606
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AU2006255107 AA	20061214	AU20060255107	20060606
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US8747487 BB	20140610	US20100909570	20101021
US8846154 BB	20140930	US20110102659	20110506
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WO06133146 A3	20071115	WO2006US21848	20060606
WO06133169 A2	20061214	WO2006US21884	20060606
WO06133169 A3	20070531	WO2006US21884	20060606
WO06133170 A1	20061214	WO2006US21885	20060606
WO06133319 A2	20061214	WO2006US22184	20060606
WO06133319 A3	20070531	WO2006US22184	20060606
WO09139868 A1	20091119	WO2009US02966	20090513
WO11087489 A1	20110721	WO2010US03236	20101222
WO12057833 A1	20120503	WO2011US01818	20111027

WO12154547 A1	20121115	WO2012US36487	20120504

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s):(std)**:** BULLIS DANIEL R JR ; CARLSEN RUSSELL O ; CLARK PAUL A ; MINOR ERIC J ; KIMBALL JAMES F ; RODENKIRCH DOUGLAS S ; JOHNSON AND SON INC S C ; NAHM STEVEN H ; FRAZEE GLENN R ; HINKFUSS CATHY A ; BAKKEN TODD J ; BASS BENJAMIN A ; LOCHHEAD ROBERT Y ; SANTAGA MARCIA L ; SHAH KETAN N ; ZAINIEV GAFUR ; SCHWARTZ RUSSELL J ; YERRAMILLI KAMESHWER RAO ; SHIFFLER BENJAMIN N ; ROZEK THERESE A

Assignee(s): SCJOHNSON AND SON INC ; SUN CHEMICAL CORP ; SC JOHNSON AND SON INC ; S C JOHNSON AND SON INC ; IDEATION INT INC ; ROBERT LOCHHEAD CONSULTING LLC ; BULLIS DANIEL R ; DESIGN CONCEPTS INC ; IDEATION INT

Inventor(s):(std)**:** BAKKEN TODD J ; BULLIS DANIEL R JR ; BULLIS JR DANIEL R ; HINKFUSS CATHY A ; KIMBALL JAMES F ; MINOR ERIC J ; YERRAMILLI KAMESHWER RAO ; ZAINIEV GAFUR ; SHIFFLER BENJAMIN N ; SCHWARTZ RUSSELL J ; ROZEK THERESE A ; NAHM STEVEN H ; LOCHHEAD ROBERT Y ; FRAZEE GLENN R ; CLARK PAUL A ; CARLSON RUSSELL O ; CARLSEN RUSSELL O ; BASS BENJAMIN A ; RODENKIRCH DOUGLAS S ; SANTAGA MARCIA L ; SHAH KETAN N

Inventor(s): TODD J BAKKEN ; BAKKEN TODD ; SHAH KETAN ; SANTAGA MARCIA ; DANIEL R BULLIS JR ; RODENKIRCH DOUGLAS ; MARCIA L SANTAGA ; MINOR ERIC ; JAMES F KIMBALL ; KETAN N SHAH ; KIMBALL JAMES ; DANIEL R JR BULLIS ; DOUGLAS S RODENKIRCH ; ERIC J MINOR ; GAFUR ZAINIEV ; BULLIS DANIEL RJR ; BULLIS DANIEL ; BULLIS DANIEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A01K1/015 A61L9/01 B05C1/00 B05C17/06 B05C17/08 B05D1/02 B05D1/32 B05D1/36 B05D3/00 B05D3/02 B05D3/06 B05D3/10 B05D3/12 B05D3/14 B05D5/00 B05D5/06 B05D7/00 B08B5/04 B08B7/00 B22F1/00 B29C65/00 B29C71/04 B31B1/60 B32B15/04 B32B3/10 B32B37/00 B32B37/02 B32B5/16 B32B7/12 B32B9/04 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M5/025 B41M5/03 B41M5/035 B41M5/04 B41M5/382 B41M7/00 B41N1/24 B44C1/00 B44C1/20 B44D5/00 B65D90/00 C08K13/00 C08K5/05 C08K5/06 C08L101/00 C08L21/00 C08L63/00 C09B67/00 C09B67/06 C09B67/20 C09B67/40 C09D101/00 C09D109/06 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/06 C09D125/08 C09D125/14 C09D133/00 C09D133/02 C09D133/04 C09D133/08 C09D163/00 C09D167/00 C09D167/06 C09D169/00 C09D175/04 C09D177/00 C09D179/08 C09D181/00 C09D181/06 C09D183/04 C09D191/00 C09D191/06 C09D201/00 C09D5/00 C09D5/02 C09D5/14 C09D7/00 C09D7/12 C09K3/30 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 C11D3/40 D06L3/00 D06M15/507 D06M15/643 D06M23/08 D06P1/44 D06P1/52 D06P1/54 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/08 D06P5/20 D06Q1/02 D06Q1/10 E04G23/00 (Advanced/Invention);
B05C17/00 B05D1/02 B05D1/32 B05D3/00 B05D3/02 B05D3/10 B05D3/12 B05D5/00 B05D5/06 B08B5/00 B08B7/00 B29C71/00 B41C1/14 B41L13/00 B41M1/12 B41M3/00 B41M7/00 B41N1/24 B44C1/00 B44D5/00 C08K5/00 C08L101/00 C09B67/00 C09D109/00 C09D11/00 C09D11/02 C09D11/06 C09D11/10 C09D125/00 C09D133/04 C09D163/00 C09D167/00 C09D167/06 C09D175/04 C09D191/00 C09D201/00 C09D5/00 C09D7/12 C11D1/00 C11D11/00 C11D17/04 C11D3/00 C11D3/37 D06L3/00 D06M23/08 D06P1/44 D06P3/00 D06P3/24 D06P5/00 D06P5/02 D06P5/20 E04G23/00 (Core/Invention)

CPC: B05B15/0456 B44D2/002 C09D5/024 D06P1/5285 D06P5/138 D06P1/0004 D06P1/0008 D06P1/928 D06P5/13 D06P5/15 B41M5/025 B41M5/0256 B41M5/03 B41M5/04 B41M7/0081 C11D3/0031 C11D3/40 B41M7/0027 B44C1/105 B05C17/06 B41M7/0072 B41M7/009 B41N1/242 B41N1/248 B44C1/18 B44C1/20 B44C3/02 B44D2/007 B44D5/00 C09D11/0235 C11D3/37 C11D3/3715 C11D3/3726 C11D3/3749 C11D11/0058 C11D11/007 D06P1/0012 D06P1/0016 D06P1/44 D06P1/52 D06P1/5264 D06P1/5271 D06P1/54 D06P1/613 D06P5/001 D06Q1/00 D06Q1/06 D06M23/08 D06P1/525 D06P1/5257 D06P1/56 D06P5/02 B41M7/00 B41M7/0018 B41M7/0054 C09B67/0063 C09B67/0069 C09B67/0082 C09D5/008 C09D5/021 C09D7/001 D06P1/445 D06P5/002 D06P5/08 D06Q1/02 D06Q1/10 Y10T156/10 Y10T428/25 Y10T428/253 Y10T428/254 Y10T428/28 Y10T428/31504 Y10T428/24802 Y10T428/24851 Y10T428/24876 Y10T428/24893 Y10T428/2848 Y10T428/31551 Y10T428/31786 Y10T428/31931 Y10T428/31938 Y10T428/249921

European class:

B05B15/04G1 B41M5/025 B41M5/025N B41M5/03 B41M5/04 B41M7/00 B41M7/00C B41M7/00R B41M7/00S B41M7/00T B41N1/24B B44C1/10B B44C1/18 B44C1/20 B44C3/02 B44D2/00B B44D2/00F B44D5/00 C09B67/00N3 C09B67/00N6 C09B67/00P8B C09D11/0235 C09D5/00F C09D5/02A C09D5/02K C09D7/00B C11D11/00B10 C11D11/00B6 C11D3/00B6 C11D3/37 C11D3/37B10 C11D3/37B4 C11D3/37C2 C11D3/40 D06M23/08 D06P1/00A D06P1/00A2 D06P1/00A3 D06P1/00A4 D06P1/44 D06P1/44B D06P1/52 D06P1/52B4 D06P1/52B4B D06P1/52D D06P1/52D2 D06P1/52D6 D06P1/54 D06P1/56 D06P1/613 D06P1/92D D06P5/00B D06P5/00C D06P5/02 D06P5/08 D06P5/13 D06P5/13T D06P5/15 D06Q1/00 D06Q1/02 D06Q1/06 D06Q1/10 L05C17/06 L41M7/00 L41M7/00R L41N1/24N

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0) US2003199418A – PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER...

35) Family number: 30127938 (US2003199418A) © PatBase

Title: PAPER SOFTENING COMPOSITIONS CONTAINING BILAYER DISRUPTER

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE COMPAN ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WAHL ERROL HOFFMAN ; RICE JOHN ERNEST ; PROCTER AND GAMBLE CO CINCINNATI ; FRANKENBACH GAYLE MARIE ; KARL AMY JO ; MCFARLAND JAMES ROBERT ; MCKAY DAVID DALE

Inventor(s):(std)**:** WAHL HOFFMAN ; WAHL ERROL HOFFMAN ; VINSON KENNETH DOUGLAS ; VINSON DOUGLAS ; RICE JOHN ERNEST ; RICE ERNEST ; MCKAY DAVID MICHAEL ; MCKAY DAVID DALE ; MCKAY DALE ; MCFARLAND ROBERT ; MCFARLAND JAMES ROBERT ; KENNETHD VINSON ; KENNETH DOUGLAS VINSON ; KARL JO ; KARL AMY JO AND ; KARL AMY JO ; JOHNE RICE ; JOHN ERNEST RICE ; JAMES ROBERT MCFARLAND ; GAYLE MARIE FRANKENBACH ; FRANKENBACH MARIE ; FRANKENBACH GAYLE MARIE ; ERROLH WAHL ; ERROL HOFFMAN WAHL ; DAVIDD MCKAY ; DAVID MICHAEL MCKAY ; DAVID DALE MCKAY ; AMYJ KARL ; AMY JO KARL ; WAHL ERROL H ; VINSON KENNETH D ; RICE JOHN E ; MCKAY DAVID D ; KARL AMY J ; DOUGLAS VINSON KENNETH DOUGLAS

Inventor(s): DAVID D MCKAY ; JOHN E RICE ; KENNETH D VINSON ; AMY J KARL ; AMY JO ; ERROL HOFFMAN ; FRANKENBACH ; GAYLE MARIE ; KARL ; KENNETH DOUGLAS ; VINSON ; ERROL H WAHL

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

International class (IPC 8–9): A47K7/00 B32B29/06 C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04 C11D3/00 C11D3/02 D21F11/04 D21F11/14 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/63 D21H17/66 D21H17/74 D21H21/14 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21J1/00 (Advanced/Invention);
A47K7/00 D21H17/06 D21H17/07 D21H17/66 D21H21/22 D21H23/04 D21H27/38 (Advanced/Non–invention);
C11D1/38 C11D1/72 C11D1/75 C11D1/835 C11D17/04 C11D3/02 D21F11/00 D21H15/00 D21H17/00 D21H21/22 D21H23/00 D21H27/30 (Core/Invention)

International class (IPC 1–7): 11/00 A47K7/00 C11D1/62 C11D1/645 C11D1/835 C11D17/04 C11D3/00 D21F11/00 D21H 11/00 D21H11/00 D21H15/02 D21H17/03 D21H17/06 D21H17/07 D21H17/66 D21H17/74 D21H17/74 D21H21/22 D21H23/04 D21H25/02 D21H27/30 D21H27/38 D21H5/24 D21J1/00

CPC: C11D1/40 C11D1/52 C11D1/525 C11D1/62 C11D1/645 C11D1/72 C11D1/75 C11D1/835 C11D3/046 C11D17/046 C11D17/049 D21H17/06 D21H17/07 D21H17/66 D21H17/71 D21H21/22 D21H27/38 C11D1/74 D21H23/04

European class: C11D1/40 C11D1/52 C11D1/62 C11D1/645 C11D1/72 C11D1/74 C11D1/75 C11D1/835 C11D17/04B4 C11D17/04F C11D3/04S D21H17/71 D21H21/22 D21H23/04 D21H27/38 M11D1/52H M11D1/62 M11D1/72 M11D1/75 N21H17/06 N21H17/07 N21H17/66 N21H21/22

US class: 162/109 162/112 162/123 162/123S 162/135 162/135S 162/158 162/179 162/179S 162/181.1 162/181.2 162/181.200S 162/204 252/8.63 252/86.3 510/404 510/421 510/499 510/499S 510/504 510/504S 510/515 510/515S

Classification Explorer

Cited documents: WO9916974 A1, WO9410381 A1, WO0248458 A1, WO0022233 A1, WO0022231 A1, USH1672 H1, US6797117 BA, US6607637 BA, US6579416 BA, US6547928 BB, US6420013 BA, US6376455 BA, US6162329 A, US6126784 A, US6040071 A, US5981044 A, US5929025 A, US5841188 A, US5814188 A, US5792219 A, US5767052 A, US5753079 A, US5747109 A, US5747108 A, US5643865 A, US5573637 A, US5538595 A, US5527560 A, US5525345 A, US5501806 A, US5498350 A, US5487813 A, US5447644 A, US5417753 A, US5405501 A, US5405499 A, US5308513 A, US5264083 A, US5264082 A, US5246545 A, US5228954 A, US5215626 A, US5059282 A, US4874465 A, US4497716 A, US4476323 A, US4300981 A, US3681241 A,

US2003201085 AA, US2003199418 AA, US2003127206 AA, US2002112831 AA, GB2007734 A1, EP0896045 A1, EP0688901 A2, EP0503221 A1,

0) US5660350A – METHOD OF WINDING LOGS WITH DIFFERENT SHEET COU...

36) Family number: 12650729 (US5660350A)

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Title: METHOD OF WINDING LOGS WITH DIFFERENT SHEET COUNTS

Priority:

CA19962177507	19960528	CA19962177507	19960528	US19950459010	19950602
US19950460435	19950602	US19950459212	19950602	CA19962177513	19960528
WO1996US07450	19960522	US19960728633	19961010	US19960728632	19961010
US19960728631	19961010	WO1996US07456	19960522		

Family:

Publication number	Publication date	Application number	Application date
AR002167 A1	19980107	AR19960102826	19960531
AR005714 AA	19990714	AR1997P100454	19970205
AR005715 AA	19990714	AR1997P100455	19970205
AT195107 E	20000815	AT19960920391T	19960522
AT204827 E	20010915	AT19960920394T	19960522
AU199658717 A1	19961218	AU19960058717	19960522
AU199658719 A1	19961218	AU19960058719	19960522
AU723541 B2	20000831	AU19960058717	19960522
AU723542 B2	20000831	AU19960058719	19960522
BRPI9609428 A	19990525	BR1996PI09428	19960522
BRPI9610856 A	19990713	BR1996PI10856	19960522
CA2177507 AA	19961203	CA19962177507	19960528
CA2177507 C	20010213	CA19962177507	19960528
CA2177513 AA	19961203	CA19962177513	19960528
CA2177513 C	20000613	CA19962177513	19960528
CA2223060 AA	19971202	CA19962223060	19960522
CA2223060 C	20020108	CA19962223060	19960522
CN1065208 C	20010502	CN19961095488	19960522
CN1190942 A	19980819	CN19961095488	19960522
CN1190945 A	19980819	CN19961095489	19960522
CO4520140 A1	19971015	CO19960028599	19960603
CZ9703836 A3	19980715	CZ19970003836	19960522
DE69609609 D1	20000907	DE19966009609	19960522
DE69609609 T2	20010412	DE19966009609T	19960522
DE69614854 D1	20011004	DE19966014854	19960522
DE69614854 T2	20020411	DE19966014854T	19960522
DK0828679 T3	20000904	DK19960920391T	19960522
EP0828679 A1	19980318	EP19960920391	19960522
EP0828679 B1	20000802	EP19960920391	19960522
EP0833793 A1	19980408	EP19960920394	19960522
EP0833793 B1	20010829	EP19960920394	19960522
ES2149485 T3	20001101	ES19960920391T	19960522
ES2159744 T3	20011016	ES19960920394T	19960522
GR3034697 T3	20010131	GR20000402384T	20001027

HK1009429 A1	20010412	HK19980110239	19980826
HU9901913 AB	19990928	HU19990001913	19960522
HU9901913 AC	20000928	HU19990001913	19960522
JP11506086 T2	19990602	JP19960536545T	19960522
JP11506087 T2	19990602	JP19960536546T	19960522
JP3330954 B2	20021007	JP19960536545T	19960522
KR100302038 B1	20011220	KR19970708721	19971202
KR19990022237 A	19990325	KR19970708716	19960522
KR19990022242 A	19990325	KR19970708721	19960522
MX9709373 A1	19981031	MX19970009373	19971202
MX9709406 A1	19980731	MX19970009406	19971202
NO975549 A	19980202	NO19970005549	19971202
NO975549 A0	19971202	NO19970005549	19971202
NO975551 A0	19971202	NO19970005551	19971202
PE34597 A1	19971120	PE19960000399	19960603
PT828679 T	20001229	PT19960920391T	19960522
TH28735 A	19980525	TH19961001745	19960529
TH31687 A	19990111	TH19961001742	19960529
TR9701481 T1	19980221	TR19970001481T	19960522
TW374752 B	19991121	TW19960111743	19960925
US5660350 A	19970826	US19960728631	19961010
US5810282 A	19980922	US19960728633	19961010
US6142407 A	20001107	US19960728632	19961010
WO9638362 A1	19961205	WO1996US07456	19960522
WO9638365 A1	19961205	WO1996US07450	19960522
ZA9604514 A	19961209	ZA19960004514	19960531
ZA9604515 A	19961209	ZA19960004515	19960531

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CO THE ; MYNES ROBERT DANIEL ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; BUTSCH WILLIAM JOSEPH ; BYRNE THOMAS TIMOTHY ; JOHNSON JAMES ROBERT ; LOCKWOOD FREDRICK EDWARD ; MCNEIL KEVIN BENSON

Inventor(s):(std)**:** BUTSCH WILLIAM JOSEPH ; JOHNSON JAMES ROBERT ; MCNEIL KEVIN BENSON ; MYNES ROBERT DANIEL ; NCNEIL KEVIN BENSON ; NCNEIL BENSON ; MYNES ROBERT D ; MYNES DANIEL ROBERT ; MYNES DANIEL ; MCNEIL KEVIN B ; JOHNSON ROBERT ; JOHNSON JAMES R ; BUTSCH WILLIAM J ; BUTSCH JOSEPH WILLIAM ; BUTSCH JOSEPH ; BUTCH WILLIAM J ; THOMAS TIMOTHY BYRNE ; THOMAS T BYRNE ; LOCKWOOD FREDRICK EDWARD ; LOCKWOOD FREDRICK E ; LOCKWOOD FREDERICK EDWARD ; KEVIN BENSON MCNEIL ; KEVIN B MCNEIL ; FREDRICK EDWARD LOCKWOOD ; FREDRICK E LOCKWOOD ; FREDERICK EDWARD LOCKWOOD ; BYRNE THOMAS TIMOTHY ; BYRNE THOMAS T

Inventor(s): BYRNE TIMOTHY ; FREDRICK EDWAR LOCKWOOD ; JOSEPH WILLIAM BUTSCH ; LOCKWOOD EDWARD ; MCNEIL BENSON ; JAMES ROBERT JOHNSON ; JAMES R JOHNSON ; DANIEL ROBERT MYNES ; KEVIN BENSON NCNEIL ; WILLIAM JOSEPH BUTSCH ; WILLIAM J BUTSCH ; ROBERT DANIEL MYNES

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN

International class (IPC 8–9): B65H16/08 B65H16/10 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H75/02 (Advanced/Invention); B65H18/00 B65H18/02 B65H18/10 B65H19/12 (Advanced/Non–invention); B65H18/00 B65H18/10 B65H18/14 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/195 (Core/Invention); B65H75/02 (Core/Non–invention)

International class (IPC 1–7): A61K31/395 B65H18/00 B65H18/02 B65H18/04 B65H18/08 B65H18/10 B65H18/16 B65H19/00 B65H19/12 B65H19/22 B65H19/28 B65H19/30 B65H23/198 B65H43/00 B65H75/02 B65H75/24 B65H75/24

CPC: B65H2301/4148 B65H2408/2312 B65H18/021 B65H19/2223 B65H19/283 B65H19/30 B65H23/198 B65H2301/41356 B65H2301/41812 B65H2301/41814 B65H2301/541 B65H2511/11 B65H2511/212 B65H2511/30 B65H2513/108 B65H2513/11 B65H2551/15 B65H2551/20 B65H2553/00 B65H2555/24 B65H2557/20 B65H2557/23 B65H2301/41362 B65H2301/41745 B65H2301/41828 B65H18/00 B65H2511/414

European class: B65H18/00 B65H18/02B B65H19/22A4 B65H19/28A B65H19/30 B65H23/198 L65H301/41356 L65H301/41362 L65H301/41745 L65H301/41812 L65H301/41814 L65H301/41828 L65H301/541 L65H354/100 L65H408/2312 L65H511/110 L65H511/212 L65H511/300 L65H511/414 L65H513/108 L65H513/110 L65H551/150 L65H551/200 L65H553/00 L65H555/240 L65H557/200 L65H557/230

US class: 242/533.4 242/533.6

Classification Explorer

Cited documents: WO9514630 A1, WO9510472 A1, US5054708 A, US4687153 A, US4635871 A, US4516742 A, US4344584 A, US4327876 A, US4266735 A, US4265409 A, US4230286 A, US4208019 A, US4191341 A, US4174077 A, US4038127 A, US4033521 A, US3930620 A, US3885749 A, US3844501 A, US3791603 A, US3791602 A, US3734423 A, US3733035 A, US3697010 A, US3552670 A, US3547365 A, US3472462 A, US3459388 A, US3421709 A, US3179348 A, US3161363 A, US3148843 A, US3116890 A, US2769600 A, US2686015 A, US2385692 A, US2082031 A, US2029446 A, US1819406 A, LU67164 A, JPS61124478, JP61124478 A2, GB1324183 A, GB1071925 A, EP0145029 B1, EP0145029 A2, EP0135662 A2, DEB1474243, DEB1218597, DEA3041030, DE3041030 A1, DE2036991 A1, DE1803309 A1, DE1474243 B, DE1474243 A1, DE1271489 B, DE1218597 B,

0) US5048718A – DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACT...

37) Family number: 30871214 (US5048718A) © PatBase

Title: DISPENSER–CONTAINER, AND A PROCESS FOR MANUFACTURING THE SAME AND AN APPARATUS THEREFOR

Priority:

JP19880283500	19881109	JP19890038549	19890217	JP19890288139	19891106
SG19950090532	19950322	US19910705519	19910524	US19890433514	19891108

Family:

Publication number	Publication date	Application number	Application date
AT117265 E	19950215	AT19890120592T	19891107
AU198944555 A1	19900531	AU19890044555	19891109
AU609648 B2	19910502	AU19890044555	19891109
CA2002538 AA	19900509	CA19892002538	19891108
CA2002538 C	19941101	CA19892002538	19891108
DE68920701 D1	19950302	DE19896020701	19891107
DE68920701 T2	19950608	DE19896020701T	19891107
EP0368240 A1	19900516	EP19890120592	19891107
EP0368240 B1	19950118	EP19890120592	19891107
ES2066825 T3	19950316	ES19890120592T	19891107
HK80295 A	19950601	HK19950000802	19950525

JP2103776 C3	19961022	JP19890288139	19891106
JP3000664 A2	19910107	JP19890288139	19891106
JP8009395 B4	19960131	JP19890288139	19891106
KR930008918 B1	19930917	KR19890016211	19891109
SG28367 G	19950901	SG19950905329	19891107
SG9590532 A2	19950901	SG19950090532	19950322
US5048718 A	19910917	US19890433514	19891108
US5161350 A	19921110	US19910705519	19910524

Probable Assignee: KENNAK U S A INC

Assignee(s):(std)**:** KENNAK U S A INC ; NAKAMURA KENJI

Assignee(s): NAKAMURA KENJI OSAKA JP ; KENNAK USA INC ; KENJI NAKAMURA

Inventor(s):(std)**:** NAKAMURA KENJI ; KENJI NAKAMURA

Inventor(s): NAKAMURA KENJI OSAKA JP

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9): B65B9/06 B65B9/067 B65B9/073 B65D75/46 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 (Advanced/Invention); B65B9/06 B65D75/00 B65D75/52 B65D81/32 (Core/Invention)

International class (IPC 1–7): A47K10/32 B65B11/00 B65B25/14 B65B41/00 B65B43/00 B65B61/18 B65B9/02 B65B9/06 B65B9/10 B65D25/12 B65D30/22 B65D75/58 B65D77/08 B65D77/30 B65D81/22 B65D81/32 B65D83/08 B65H1/00

CPC: B65B9/073 B65D75/46 B65D75/5838 B65D81/3261 B65B9/067 B65B25/145 B65B61/02 B65B61/184

European class: B65B25/14C B65B61/02 B65B61/18C B65B9/067 B65B9/073 B65D75/46 B65D75/58E1A B65D81/32H

US class: 206/233 221/35 221/63 53/133.4 53/133.8 53/171 53/412 53/449 53/450 53/462 53/474 53/550 53/553

Classification Explorer

Cited documents: US4995217 A, US4840270 A, US4739879 A, US4653250 A, US4651874 A, US4616470 A, US4538396 A, US4185754 A, US3940905 A, US3940904 A, US3653502 A, US3338019 A, US2952398 A, US2917164 A, US2008659 A, JPS61203305, JPS61144076 U, JP61203305 A2, JP61144076 U1, JP1308739 A2, GB592195 A, EP0251103 A1, EP0250815 A1, EP0193130 A2, DE33125 A, DE2439511 A1, AU555436 B2, AU536262 B2, AU515834 B2,

0) US2008245923A – MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS ...

38) Family number: 33602443 (US2008245923A) © PatBase

Title: MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEBLIKE MATERIAL TOGETHER WITH A WINDING CORE AND ROLL THUS OBTAINED

Priority: EP20060745305 20060427 IT2005FI00088 20050502 WO2006IT00287 20060427

Family:

Publication number	Publication date	Application number	Application date
DE602006034753 D1	20130418	DE200660034753T	20060427
EP1888441 A2	20080220	EP20060745305	20060427
EP1888441 B1	20130227	EP20060745305	20060427
ES2406057 T3	20130605	ES20060745305T	20060427
ITFI20050088 A1	20061103	IT2005FI00088	20050502
US2008245923 AA	20081009	US20060919674	20060427

US7887003 BB	20110215	US20060919674	20060427
WO06117820 A2	20061109	WO2006IT00287	20060427
WO06117820 A3	20070419	WO2006IT00287	20060427

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO

Inventor(s): MAZZACCHERINI GRAZIANO I 55016 PORCARI ; MADDALENI ROMANO I 56031 BIENTINA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H35/02 B65H39/14 B65H75/18 (Advanced/Invention); B65H19/22 B65H75/18 (Core/Invention)

CPC: B65H19/286 B65H19/2276 B65H19/2269 B65H19/267 B65H35/02 B65H39/14 B65H2301/41429 B65H2408/235 B65H2513/104 B65H2701/1846

European class: B65H19/22B6 B65H19/22C B65H19/26C B65H35/02 B65H39/14 L65H301/41429 L65H408/235 L65H513/104 L65H701/1846

US class: 242/532.3 242/535.1 242/610.1 242/610.100P

Classification Explorer

Cited documents: US6695458 BB, US6595458 BA, US6394385 BA, US5979818 A, US5873806 A, US5468207 A, US5344091 A, US4807825 A, US3942418 A, US3636827 A, US3220320 A, US3150575 A, US3013367 A, US2003116674 AA, EP0639520 A1,

0) US2013270290A – TISSUE PAPER SYSTEMS

39) Family number: 50950074 (US2013270290A)

© PatBase

Title: TISSUE PAPER SYSTEMS

Priority: WO2010EP65194 20101011 ZA20130002090 20130320

Family:

Publication number	Publication date	Application number	Application date
AU2010362448 AA	20120419	AU20100362448	20101011
CN103249654 A	20130814	CN201080070537	20101011
EP2627586 A1	20130821	EP20100766027	20101011
EP2627586 B1	20170920	EP20100766027	20101011
IN02901DN2013 A	20141114	IN2013DN02901	20130402
MX2013003948 A1	20130605	MX20130003948	20101011
RU2013121579 A	20141120	RU20130121579	20101011
TN2013000127 A1	20140625	TN20130000127	20130322
US2013270290 AA	20131017	US20100878800	20101011
WO12048725 A1	20120419	WO2010EP65194	20101011
ZA201302090 A	20140226	ZA20130002090	20130320
ZA201302090 A	20140129	ZA20130002090	20130320

Probable Assignee:	SCA HYGIENE PRODUCTS AB
Assignee(s):(std)**:**	ENGLER BERTOLD ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW
Assignee(s):	SCA HYGIENE PRODUCTS AB
Inventor(s):(std)**:**	A WENG ; ENGLER BERTOLD ; KRIEKEN BRAM VAN ; SCHMIDT MARCEL ; VAN KRIEKEN BRAM ; WONG ANDREW
Inventor(s):	MARCEL SCHMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9)**:**	A47K A47K10/42 B23B3/26 B23B3/28 B32B3/02 B32B3/26 B32B3/28 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)
CPC:	B65D83/08 A47K10/42 B32B3/02 B32B3/266 B32B3/28 A47K10/424 B65D75/585 B65D83/0894 Y10T428/15 Y10T428/24628
European class:	A47K10/42C B65D75/58E2 B65D83/08H
US class:	221/48 428/174 428/43
Classification Explorer	
Cited documents:	US7211311 BB, US6817484 BB, US6644501 BB, US3499575 A, US3456844 A, US3265241 A, US3209941 A, US2323395 A, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1213230 A1, EP1201564 A1, EP1195333 A1, EP0983740 A2, DE102007035501 A1 CN1365939 A, CN1349918 A, CN1250639 A,

0) US2003035917A – IMAGE MAKING MEDIUM

40) Family number: 15254881 (US2003035917A) © PatBase

Title:	IMAGE MAKING MEDIUM

Priority:

EP20000944650	20000612	US19990138694P	19990611	US20010012259	20011211
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US20140584921	20141229	US20050118975	20050428	US20170630499	20170622
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Family:

Publication number	Publication date	Application number	Application date
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US2017287351 AA	20171005	US20170630499	20170622	
US2017316713 AA	20171102	US20170647051	20170711	
US7629400 BB	20091208	US20020170503	20020614	
US8669325 BA	20140311	US20090631627	20091204	
US9744800 BB	20170829	US20140203327	20140310	
US9786194 BB	20171010	US20140584921	20141229	
WO0077085 A1	20001221	WO2000US16111	20000612	

Probable Assignee: HYMAN SYDNEY

Assignee(s):(std)**:** HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):(std)**:** HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class (IPC 8–9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non–invention)

International class (IPC 1–7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2 L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106 524/106S 524/609 524/612 528/502R

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0) US2010258240A – METHODS AND APPARATUS FOR APPLICATION OF NESTED...

41) Family number: 47067986 (US2010258240A)

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Title: METHODS AND APPARATUS FOR APPLICATION OF NESTED ZERO WASTE EAR TO TRAVELING WEB

Priority:

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Publication number	Publication date	Application number	Application date
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US9433538 BB	20160906	US20120650625	20121012
US9622918 BB	20170418	US20100925033	20101012

Probable Assignee: JOA CURT G INC

Assignee(s):(std)**:** ANDREWS ROBERT E ; CURT G JOE INC ; JOA CURT G INC ; FRITZ JEFF W ; HORNECK NOEL ; FRITZ JEFF ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN

Assignee(s): PAGEL TYLER W ; JENQUIN PETER J ; HERBERG ROBERT ; JANKUSKI BRIAN ; CURT G. JOA, INC. ; CURT G JOA INC SHEBOYGAN FALLS

Inventor(s):(std)**:** FRITZ JEFF W ; HORNECK NOEL ; NELSON ANTHONY A ; VAN DYKE DANIEL ; MCCABE JOHN A ; MCCABE JOHN ; JENQUIN PETER J ; JANKUSKI BRIAN ; PAGEL TYLER W ; HERBERG ROBERT ; FRITZ JEFFREY W ; FRITZ JEFF ; ANDREWS ROBERT E

Inventor(s): ANDREWS ROBERT E SHEBOYGAN ; FRITZ JEFF W PLYMOUTH ; NELSON ANTHONY A NEW HOLSTEIN ; MCCABE JOHN A SHEBOYGAN FALLS ; HORNECK NOEL CHEROKEE VILLAGE ; VAN DYKE DANIEL SHEBOYGAN ; ROBERT E ANDREWS

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8–9): A61F13/15 A61F13/49 A61F13/56 A61F13/58 A61F13/62 B26D1/62 B29C65/00 B29C65/08 B29C65/78 B31D1/00 B31F5/00 B32B3/04 B32B3/06 B32B37/00 B32B37/02 B32B37/06 B32B37/16 B32B38/00 B32B38/04 B32B38/10 B65H35/00 D04H3/00 (Advanced/Invention); A61F13/513 A61F13/56 A61F13/58 A61F13/68 A61F13/72 (Advanced/Non–invention)

CPC: A61F13/15764 Y10T156/1049 Y10T156/1052 Y10T156/1056 Y10T156/1057 Y10T156/1062 Y10T156/1067 Y10T156/1074 Y10T156/1077 Y10T156/1075 A61F13/56 A61F13/5622 A61F13/565 A61F13/68 A61F13/72 A61F2013/51322 A61F2013/5677 A61F2013/5694 A61F2013/586 A61F2013/587 A61F2013/588 A61F13/15756 A61F13/15804 A61F13/15739 A61F13/58 A61F13/622 A61F13/15747 B29C65/08 B29C65/7847 B29C66/7294 A61F2013/15869 A61F2013/15926 A61F2013/15918 B29K2105/256 B29L2031/4878 A61F13/5638 A61F13/15723

European class: A61F13/15M10 A61F13/15M6B A61F13/15M7

US class: 1/1 156/226 156/250 156/252 156/253 156/256 156/259 156/263 156/264 156/265 156/73.1 28/100 28/100P 493/342 493/379

Classification Explorer

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DE102005048868 A1

CA2699136 AA, CA2559517 AA, CA2541194 AA, CA2407867 AA, CA2404154 AA, CA2337700 AA, CA2330679, CA2023816 AA, CA1310342 A1, CA1308015 A1, CA1307244 A1, CA1292201 A1, CA1249102 A1, CA1236056 A1, CA1212132 A1, CA1210744 A1, CA1190078 A1, CA1153345 A1, CA1146129 A1, BE1007854 AD,

0) US5814188A – SOFT TISSUE PAPER HAVING A SURFACE DEPOSITED SU...

42) Family number: 20668200 (US5814188A) © PatBase

Title: Soft tissue paper having a surface deposited substantive softening agent

Priority: US19960777829 19961231 WO1997US23077 19971215

Family:

Publication number	Publication date	Application number	Application date
AT294894 E	20050515	AT19970951707T	19971215
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BRPI9713643 A	20000411	BR1997PI13643	19971215
CA2276027 AA	19990625	CA19972276027	19971215
CA2276027 C	20050125	CA19972276027	19971215
CL1997002917 A1	19980923	CL19970002917	19971231
CN1095905 C	20021211	CN19971081707	19971215
CN1245545 A	20000223	CN19971081707	19971215
CO4900102 A1	20000327	CO19970075731	19971230
DE69733213 D1	20050609	DE19976033213	19971215
DE69733213 T2	20060223	DE19976033213T	19971215
EP0951602 A1	19991027	EP19970951707	19971215
EP0951602 B1	20050504	EP19970951707	19971215
ES2242239 T3	20051101	ES19970951707T	19971215
HU9904111 AB	20000328	HU19990004111	19971215
HU9904111 AC	20000428	HU19990004111	19971215
IL130366 A0	20000601	IL19970130366	19971215
JP2001507761 T2	20010612	JP19980530072T	19971215
KR100333213 B1	20020418	KR19997005948	19990629
KR20000069802 A	20001125	KR19997005948	19971215
NO993208 A	19990830	NO19990003208	19990628
NO993208 A0	19990628	NO19990003208	19990628
PE33699 A1	19990423	PE19970001174	19971230
TH31370 A	19981215	TH19971005433	19971230

TR9901512 T2	19991122	TR19970001512T	19971215
TW490530 B	20020611	TW19970120071	19980119
US5814188 A	19980929	US19960777829	19961231
WO9829605 A1	19980709	WO1997US23077	19971215
ZA9711612 A	19980625	ZA19970011612	19971223

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; FICKE JONATHAN ANDREW ; GAMBLE CO ; KLOFTA THOMAS JAMES ; PROCTER AND

Inventor(s):(std)**:** JONATHAN A FICKE ; JONATHAN ANDREW FICKE ; KENNETH D VINSON ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; KENNETH DOUGLAS VINSON ; KLOFTA JAMES ; KLOFTA THOMAS JAMES ; PAUL T WEISMAN ; PAUL THOMAS WEISMAN ; THOMAS JAMES KLOFTA ; VINSON DOUGLAS ; VINSON KENNETH DOUGLAS ; WEISMAN PAUL THOMAS ; WEISMAN THOMAS ; WEISMAN PAUL T ; VINSON KENNETH D ; FICKE JONATHAN A

Inventor(s): Vinson ; Klofta ; James ; Kenneth Douglas

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): D21H17/00 D21H17/07 D21H17/59 D21H19/10 D21H21/14 D21H21/22 D21H27/02 (Advanced/Invention); D21H17/07 D21H17/59 D21H27/02 (Advanced/Non–invention); D21H17/00 D21H19/00 D21H21/22 D21H27/02 (Core/Invention); D21H17/00 D21H27/02 (Core/Non–invention)

International class (IPC 1–7): A47K B32B D21H D21H17/00 D21H17/06 D21H17/07 D21H17/45 D21H19/10 D21H21/14 D21H21/22 D21H27/02

CPC: D21H17/07 D21H17/59 D21H21/22 D21H27/02

European class: D21H21/22 N21H17/07 N21H17/59 N21H27/02

US class: 162/109 162/111 162/112 162/113 162/125 162/127 162/128 162/129 162/130 162/134 162/135 162/158 162/164.4

Classification Explorer

Cited documents: WO9748854 A1, US5573637 A, US5543067 A, US5538595 A, US5525345 A, US5510000 A, US5487813 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5399241 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4613447 A, US4513051 A, US4481243 A, US4447294 A, US4300981 A, US4191609 A, US4158594 A, US4112167 A, US4028172 A, US3994771 A, US3974025 A, US3967030 A, US3818533 A, US3814096 A, US3755220 A, US3755071 A, US3484275 A, US3438807 A, US3301746 A, EP0677612 A2, EP0144658 A1, AU3490897 A1,

0) US5672248A – METHOD OF MAKING SOFT TISSUE PRODUCTS

43) Family number: 10783960 (US5672248A) © PatBase

Title: Method of making soft tissue products

Priority:

AU19950016412	19950411	AU19980077439	19980722	GB19950007576	19950412
CA19952142805	19950217	CA19942134594	19941028	AU19990034990	19990610
GB19980001918	19950412	US19970946439	19971007	US19960637141	19960424
US19980288614	19981028	US19940226630	19940412	US19950384304	19950206

Family:

Publication number	Publication date	Application number	Application date
AU199516412 A1	19951019	AU19950016412	19950411
AU199877439 A1	19981008	AU19980077439	19980722
AU199934990 A1	19990819	AU19990034990	19990610
AU690960 B2	19980507	AU19950016412	19950411
AU705757 B2	19990603	AU19980077439	19980722
AU722580 B2	20000810	AU19990034990	19990610
BRPI9501524 A	19951114	BR1995PI01524	19950411
CA2134594 AA	19951013	CA19942134594	19941028
CA2142805 AA	19951013	CA19952142805	19950217
CA2142805 C	19990601	CA19952142805	19950217
CL2003000535 A1	20050708	CL20030000535	20030314
CL45369 B	20090612	CL20030000535	20030314
CN1071825 C	20010926	CN19951003890	19950411
CN1120616 A	19960417	CN19951003890	19950411
CN1243881 C	20060301	CN20001032991	19950411
CN1306122 A	20010801	CN20001032991	19950411
DE69518784 D1	20001019	DE19956018784	19950412
DE69518784 T2	20010412	DE19956018784T	19950412
DE69518784 T3	20070329	DE19956018784T	19950412
EP0677612 A2	19951018	EP19950105513	19950412
EP0677612 A3	19960228	EP19950105513	19950412
EP0677612 B1	20000913	EP19950105513	19950412
EP0677612 B2	20060628	EP19950105513	19950412
ES2149290 T3	20001101	ES19950105513T	19950412
ES2149290 T5	20061116	ES19950105513T	19950412
FR2718470 A1	19951013	FR19950004237	19950410
FR2718470 B1	19970103	FR19950004237	19950410
FR2735155 A1	19961213	FR19960010392	19960823
FR2735155 B1	19991224	FR19960010392	19960823
GB2288614 A1	19951025	GB19950007576	19950412
GB2288614 B2	19981028	GB19950007576	19950412
GB2319537 A1	19980527	GB19980001917	19950412
GB2319537 B2	19981028	GB19980001917	19950412
GB2319538 A1	19980527	GB19980001918	19950412
GB2319538 B2	19981028	GB19980001918	19950412
GB2319539 A1	19980527	GB19980001919	19950412
GB2319539 B2	19981028	GB19980001919	19950412
GB2324314 A1	19981021	GB19980015389	19950412
GB2324314 B2	19981202	GB19980015389	19950412
GB2324315 A1	19981021	GB19980015402	19950412
GB2324315 B2	19981202	GB19980015402	19950412
GB2324316 A1	19981021	GB19980015406	19950412
GB2324316 B2	19981202	GB19980015406	19950412

GB2324317 A1	19981021	GB19980015407	19950412
GB2324317 B2	19981202	GB19980015407	19950412
GB9507576 A0	19950531	GB19950007576	19950412
GB9801917 A0	19980325	GB19980001917	19950412
GB9801918 A0	19980325	GB19980001918	19950412
GB9801919 A0	19980325	GB19980001919	19950412
GB9815389 A0	19980916	GB19980015389	19950412
GB9815402 A0	19980916	GB19980015402	19950412
GB9815406 A0	19980916	GB19980015406	19950412
GB9815407 A0	19980916	GB19980015407	19950412
JP3758702 B2	20060322	JP19950085235	19950411
JP8003890 A2	19960109	JP19950085235	19950411
KR100344368 B1	20030207	KR19950008352	19950411
KR19950032889 A	19951222	KR19950008352	19950411
US5672248 A	19970930	US19950384304	19950206
US5746887 A	19980505	US19960637141	19960424
US6017417 A	20000125	US19970946439	19971007
ZA9502942 A	19951220	ZA19950002942	19950410

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std)**:** BURAZIN MARK A ; BURAZIN MARK ALAN ; CHIU KAI F ; FARRINGTON THEODORE E ; FARRINGTON THEODORE EDWIN JR ; WENDT GREG A ; HEATON DAVID A ; KIMBERLY CLARK CO ; KIMBERLEY CLARK WORLDWIDE INC ; HEATON DAVID ALAN ; WENDT GREG ARTHUR

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; FARRINGTON THEODORE E JR

Inventor(s):(std)**:** BURAZIN MARK A ; CHIU KAI F ; BURAZIN MARK ALAN ; BURAZIN M A ; FARRINGTON THEODORE E JR ; FARRINGTON JR THEODORE EDWIN ; FARRINGTON THEODORE EDWIN JR ; EDWIN FARRINGTON THEODORE JR ; FARRINGTON JR ; DEIBUITSUDO AREN HIITON ; WENDT GREG A ; HEATON DAVID A ; WENDT GREG ARTHUR ; HEATON DAVID ALAN ; SEODOA EDOUIN FUAARINGUTON JIY ; WENDT G A ; WINTER G A ; QIFA ZHAO ; GURETSUGU AASAA UENDO ; KAI EFU CHIYUU ; MAAKU AREN BURAAJIN ; ALAN BURAZIN MARK ; ALAN HEATON DAVID ; ARTHUR WENDT GREG ; BRAZING M A ; BRAZING G A WINTER ZHAO QIFA M ; FARRINGTON THEODORE EDWIN

Inventor(s): GREG ARTHUR ; BURAZIN ; KAI F CHIU ; MA BURAZIN ; ZHAO QIFA ; MA BRAZING ; M A BURAZIN ; MARK ALAN BURAZIN ; M A BRAZING ; SEODOA EDOUIN FUAARINGUTON JIYUNIA ; THEODORE EDWIN FARRINGTON JR ; MARK ALAN ; WENDT ; THEODORE EDWIN ; KAI F ; HEATON ; GA WENDT ; GA WINTER ; G A WINTER ZHAO QIFA M A BRAZING ; G A WENDT ; GREG ARTHUR WENDT ; G A WINTER ; FARRINGTON THEODORE E ; DAVID ALAN HEATON ; CHIU ; DAVID ALAN

Designated states: BE DE ES FR GB IT NL SE

International class (IPC 8–9)**:** D21F1/00 D21F11/00 D21F11/02 D21F11/14 D21F5/00 D21F7/08 D21H15/00 D21H27/00 D21H27/02 D21H27/30 (Advanced/Invention); D21F11/14 D21H27/00 D21H27/02 D21H27/30 (Advanced/Non–invention); D21F1/00 D21F11/00 D21F5/00 D21F7/08 D21H27/00 (Core/Invention)

International class (IPC 1–7)**:** B01J20/34 C01B31/08 D03D1/00 D21F1/00 D21F11/00 D21F11/02 D21F11/14 D21F3/08 D21F5/00 D21F5/18 D21F7/08 D21H15/00 D21H16/00 D21H27/00 D21H27/02 D21H27/30

CPC: D21F1/0027 D21F1/0036 D21F11/006 D21F11/14 D21F11/145

European class: D21F1/00E D21F1/00E2 D21F11/00E D21F11/14 D21F11/14B

US class: 162/109 162/111 162/113 162/117 162/123 162/127 162/129 162/130 162/149 162/158

Classification Explorer

Cited documents: WO9527821 A1, WO9300475 A1, WO9300474 A1, US568404 A, US5501768 A, US5429686 A, US5399412 A, US5348620 A, US5129988 A, US5085736 A, US5048589 A, US5008344 A, US4981557 A, US4942077 A, US4675394 A, US4529480 A,

US4514345 A, US4440597 A, US4239065 A, US4236963 A, US4225382 A, US4222921 A, US4191609 A, US4147586 A, US4129528 A, US3994771 A, US3974025 A, US3899388 A, US3855158 A, US3844880 A, US3772076 A, US3700623 A, US3556933 A, US3556932 A, US3301746 A, JP3185197 A2, JP185197, GB2293611 A1, GB2279372 A1, GB2001370 A1, GB1389992 A, EP0631014 A1, EP0604824 A1, EP0342646 A2, EP0342626 A2, EP0109307 A2, DE2427291 A1, CA2069193 AA,

0) US2013313279A – TISSUE PAPER SYSTEMS

44) Family number: 50950071 (US2013313279A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117026 20130510 WO2010EP65193 20101011 ZA20130002224 20130325

Family:

Publication number	Publication date	Application number	Application date
AU2010362447 AA	20120419	AU20100362447	20101011
CN103261050 A	20130821	CN201080070589	20101011
CO6731083 A2	20130815	CO20130117026	20130510
EP2627581 A1	20130821	EP20100770761	20101011
EP2627581 B1	20170920	EP20100770761	20101011
IN03030DN2013 A	20141114	IN2013DN03030	20130405
MX2013003995 A1	20130628	MX20130003995	20101011
RU2013120951 A	20141120	RU20130120951	20101011
TN2013000126 A1	20140625	TN20130000126	20130322
US2013313279 AA	20131128	US20100878784	20101011
WO12048724 A1	20120419	WO2010EP65193	20101011
ZA201302224 A	20140129	ZA20130002224	20130325

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; THOREN WENCKE AGNETA ; WONG ANDREW ; SCA HYGIENE PROD AB ; SCHMIDT MARCEL ; KIM SINIZ ; SUDWORTH JAN CASPAR

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BAGHERZADEH ALI ; DAVIES ELEANOR ; DERIX ELEANOR ; ENGLER BERTOLD ; SAARVAELI MONICA EVA LI ; SAARVALI EVA LI ; SAARVALI MONICA EVA LI ; KIM SINIZ ; SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; SUDWORTH JAN CASPER ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; THOREN WENCKE AGNETA ; WONG ANDREW

Inventor(s): WECKE AGNETA THOREN ; WENCKE AGNETA THOREN ; SINIZ KIM ; MARCEL SCHMIDT ; MONICA EVA LI SAARVAELI ; SAARVALI MONICA EVALI ; EVA LI SAARVALI ; JAS CASPAR SUDWORTH ; ELEANOR DAVIES ; BERTOLD ENGLER ; ALI BAGHERZADEH ; ANDREW WONG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K A47K10/42 B65D B65D75/58 B65D83/08 (Advanced/Invention); A47K B65D (Subclass/Invention)

CPC: B65D83/0876 A47K10/424 B65D75/585 B65D83/0847

European class: B65D75/58E2 B65D83/08D

US class: 206/233 221/45

Classification Explorer

Cited documents: US5054612 A, US3372837 A, US3272118 A, US3209941 A, US2160412 A, DE9303965 U, DE1781377 U, CA2457204 AA,

0) US2004157036A – NEEDLING THROUGH CARRIER SHEETS TO FORM LOOPS

45) Family number: 30655211 (US2004157036A) © PatBase

Title: NEEDLING THROUGH CARRIER SHEETS TO FORM LOOPS

Priority:

US20020430731P	20021203	US20030728138	20031203	US20050102455	20050408
US20050102592	20050408	US20050102553	20050408	US20050102456	20050408
US20070942613P	20070607	US20080133945	20080605	WO2006US13180	20060407
WO2003US38431	20031203	US20050104166	20050408	WO2006US13181	20060407

Family:

Publication number	Publication date	Application number	Application date
AU2003298847 AA	20040623	AU20030298847	20031203
CN100577053 C	20100106	CN200380109426	20031203
CN101150967 A	20080326	CN200680010337	20060407
CN101193570 A	20080604	CN200680020444	20060407
CN1753630 A	20060329	CN200380109426	20031203
DE60320021 D1	20080508	DE20036020021	20031203
DE60320021 T2	20090402	DE20036020021T	20031203
EP1575390 A1	20050921	EP20030796605	20031203
EP1575390 B1	20080326	EP20030796605	20031203
EP1863364 A1	20071212	EP20060740772	20060407
EP1865804 A1	20071219	EP20060749577	20060407
ES2302974 T3	20080801	ES20030796605T	20031203
KR101231014 B1	20130207	KR20057010033	20031203
KR20050085318 A	20050829	KR20057010033	20031203
US2004157036 AA	20040812	US20030728138	20031203
US2005196580 AA	20050908	US20050102455	20050408
US2005196581 AA	20050908	US20050104166	20050408
US2005196583 AA	20050908	US20050102553	20050408
US2005208259 AA	20050922	US20050102456	20050408
US2005217092 AA	20051006	US20050102592	20050408
US2008305704 AA	20081211	US20080133945	20080605
US2009203280 A9	20090813	US20080133945	20080605
US7156937 BB	20070102	US20030728138	20031203
US7465366 BB	20081216	US20050104166	20050408
US7547469 BB	20090616	US20050102456	20050408
US8753459 BB	20140617	US20080133945	20080605
WO04049853 A1	20040617	WO2003US38431	20031203
WO04049853 C2	20040729	WO2003US38431	20031203
WO06110597 A1	20061019	WO2006US13180	20060407
WO06110598 A1	20061019	WO2006US13181	20060407
WO08154303 A1	20081218	WO2008US65944	20080605

Probable Assignee: VELCRO BVBA

Assignee(s):(std)**:**

PROVOST GEORGE A ; SHEPARD WILLIAM H ; BARKER JAMES R ; VELCRO IND ; VELCRO IND BV

Assignee(s): VELERO IND BV ; VELERO INDUSTRIES B V ; VELCRO INDUSTRIES B V ; KINGSFORD HOWARD A ; VELCRO BVBA

Inventor(s):(std)**:** GEORGE A PROVOST ; PROVOST GEORGE A SHEPARD WILLI ; WILLIAM H SHEPARD ; SHEPARD WILLIAM H ; PROVOST GEORGE A ; KINGSFORD HOWARD A ; BARKER JAMES R

Inventor(s): BARKER JAMES ; KINGSFORD HOWARD ; PROVOST GEORGE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A44B18/00 A61F13/62 B32B3/06 B32B3/08 B32B33/00 B32B37/00 B32B5/06 D04H1/46 D04H1/48 D04H1/54 D04H1/60 D04H1/70 D04H11/00 D04H11/08 D04H13/00 (Advanced/Invention); B32B3/08 B32B33/00 (Advanced/Non–invention); A44B18/00 B32B5/06 D04H1/46 D04H1/70 D04H11/00 D04H13/00 (Core/Invention)

International class (IPC 1–7): A44B18/00 B32B3/02 B32B3/06 B32B3/08 B32B33/00 D03D27/00 G02B6/26

CPC: D04H1/46 D04H1/54 Y10T428/23957 Y10T428/23979 Y10T428/23993 Y10T428/23929 Y10T428/23986 Y10T442/682 Y10T442/627 Y10T442/636 A61F2013/8497 D04H1/48 D04H1/60 A61F13/627 D04H18/02 D04H1/541 D04H1/485 B32B2038/008 B32B2317/12 B32B3/266 B32B27/12 B32B27/32 B32B2262/02 B32B2307/72 B32B2309/105 B32B2555/02 B32B5/06 A44B18/0011 D04H11/00 D04H11/08

European class: A44B18/00C4 A61F13/62 B32B5/06 D04H1/46 D04H1/48 D04H1/54 D04H1/54B D04H1/60 D04H11/00 D04H11/08 D04H13/00B2 D04H13/00B3 D04H13/00B4 D04H13/00B5 K61F13/84G

US class: 112/475.23 112/475.230S 156/148 156/72 156/72S 28/106 28/106P 28/107 28/112 428/85 428/85P 428/85S 428/88 428/88P 428/92 428/92S 428/95 428/95P 428/95S 428/96 428/97 428/97S 442/352 442/360 442/402

Classification Explorer

Cited documents: WO9911452, WO9833410, WO9517111, WO9201401, WO06110598, WO06110575, WO04059117, WO04059061, WO04058497, WO04058118, WO04049853 A1, WO04019305, WO03051251, WO02100207 A3, WO02100207 A2, WO0180680 A1, WO0042964, WO0040793, USRE18001 E, US7379189 BB, US7282251 BB, US7276642 BB, US7156937 BB, US7117571 BB, US6955847 BA, US6948221 BB, US6893525 BA, US6869659 BB, US6849142 BA, US6783834 BB, US6783834 BA, US6756327 BB, US6756327 BA, US6740385 BB, US6716511 BB, US6716511 BA, US6709996 BB, US6703086 BB, US6703086 BA, US6686303 BA, US6660202 BB, US6660202 BA, US6645611 BB, US6645611 BA, US6642429 BA, US6642160 BA, US6638611 BB, US6638611 BA, US6598276 BB, US6598276 BA, US6537935 BA, US6489004 BA, US6454989 BA, US6410138 BB, US6368444 BA, US6355759 BA, US6342285 BA, US6329016 BA, US6265053 BA, US6195850 BA, US6192556 BA, US6162522 A, US6161269 A, US6158097 A, US6129964 A, US6129879 A, US6093665 A, US6086984 A, US6051094 A, US5997981 A, US5964742 A, US5962112 A, US5962102 A, US5945215 A, US5945131 A, US5931823 A, US5904793 A, US5891547 A, US5888607 A, US5866222 A, US5858515 A, US5843057 A, US5830298 A, US5814390 A, US5786060 A, US5773120 A, US5766723 A, US5763041 A, US5759926 A, US5736214 A, US5735453 A, US5732453 A, US5722968 A, US5707906 A, US5707707 A, US5699593 A, US5692949 A, US5686163 A, US5685756 A, US5669901 A, US5669900 A, US5669593 A, US5660911 A, US5654070 A, US5647864 A, US5643397 A, US5630896 A, US5624427 A, US5622578 A, US5620779 A, US5616394 A, US5616155 A, US5615460 A, US5614281 A, US5614232 A, US5611791 A, US5611789 A, US5605729 A, US5603708 A, US5599601 A, US5595567 A, US5571097 A, US5569233 A, US5554239 A, US5547531 A, US5542942 A, US5531732 A, US5518795 A, US5500268 A, US5476702 A, US5470417 A, US5459991 A, US5449530 A, US5447590 A, US5423789 A, US5417902 A, US5407722 A, US5407439 A, US5403302 A, US5391424 A, US5386595 A, US5383873 A, US5383872 A, US5382461 A, US5380580 A, US5380313 A, US5379501 A, US5326612 A, US5320890 A, US5307616 A, US5304162 A, US5265954 A, US5256231 A, US5254194 A, US5216790 A, US5144730 A, US5080951 A, US5077222 A, US5066289 A, US5032122 A, US4973326 A, US4931343 A, US4770917 A, US4761318 A, US4750443 A, US4654246 A, US4645699 A, US4645439 A, US4645246 A, US4609581 A, US460618 A, US4600618 A, US4600605

A, US4536439 A, US4521472 A, US4490425 A, US4451315 A, US4451314 A, US4446189 A, US4439476 A, US4418104 A, US4391866 A, US4389443 A, US4389442 A, US4379189 A, US4377889 A, US4363845 A, US4342802 A, US4324824 A, US4322167 A, US4320167 A, US4316892 A, US4315965 A, US4295251 A, US4258097 A, US4258094 A, US4223059 A, US4192086 A, US4154889 A, US4154885 A, US4154389 A, US4144730 A, US4131704 A, US4116892 A, US4035533 A, US4010302 A, US4001472 A, US3950587 A, US3949128 A, US3940525 A, US3822162 A, US3819462 A, US3708361 A, US3705065 A, US3704191 A, US3694867 A, US3674618 A, US3577607 A, US3535178 A, US3496260 A, US3408417 A, US3348992 A, US3047444 A, US2706324 A, US2008305704 AA, US2008305291 AA, US2008113152 AA, US2007178273 AA, US2006225258 AA, US2006183389 AA, US2006105664 AA, US2005281976 AA, US2005217092 AA, US2005208259 AA, US2005196583 AA, US2005196581 AA, US2005196580 AA, US2004229008 AA, US2004163221 AA, US2004157036 AA, US2004131820 AA, US2004072491 AA, US2004020579 AA, US2003119404 AA, US2003077430 AA, US2001051253 AA, JP9241961, JP9195155, JP9195154, JP9003755 A2, JP9000317 A2, JP8027657, JP7171011 A2, JP6123061, JP6033359, JP3877842, JP3855084, JP3134709, JP2971332, JP2004194730 z, JP2004194730, JP2003265207, JP2002010807, JP2001514346, JP2001207369, JP2001008713, JP2001000212, JP2000314065, JP10151005, JP10146207, GB2285093, GB1228431 A, EP1279348 A1, EP1156767, EP1132511, EP1113099, EP0937420, EP0882828 A1, EP0862868 B1, EP0862868 A1, EP0861137, EP0780505 A2, EP0765616 A1, EP0726977, EP0604731 A1, EP0598085, EP0597075, EP0482749 A1, EP0341993 A1, EP0325473, EP0211564, DE3006805 A1, DE10139842 A1,

0) US2013270289A – TISSUE PAPER SYSTEMS

46) Family number: 50950085 (US2013270289A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117011 20130510 EP20100768003 20101011 WO2010EP65219 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362454 AA	20120419	AU20100362454	20101011
CN103249655 A	20130814	CN201080070542	20101011
CO6720969 A2	20130731	CO20130117011	20130510
DE602010038647 D1	20170119	DE201060038647T	20101011
EP2627587 A1	20130821	EP20100768003	20101011
EP2627587 B1	20161207	EP20100768003	20101011
IN02960DN2013 A	20141114	IN2013DN02960	20130404
MX2013003990 A1	20130628	MX20130003990	20101011
RU2013121581 A	20141120	RU20130121581	20101011
TN2013000125 A1	20140625	TN20130000125	20130322
US2013270289 AA	20131017	US20100878795	20101011
WO12048731 A1	20120419	WO2010EP65219	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std): SCHMIDT MARCEL ; SUDWORTH JAN CASPAR ; VAN KRIEKEN BRAM ; WONG ANDREW ; ENGLER BERTOLD ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std): SHCMIDT MARCEL ; SUDWORTH JAS CASPAR ; VAN KRIEKER BRAM ; WONG ANDREW ; VAN KRIEKEN BRAM ; SUDWORTH JAN CASPAR ; SCHMIDT MARCEL ; ENGLER BERTOLD ; A WENG ; KRIEKEN BRAM VAN

Inventor(s): MARCEL SCHMIDT ; MARCEL SHCMIDT ; ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKEN ; BRAM VAN KRIEKER ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE

GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/32 A47K10/42 B65D83/08 (Advanced/Invention)

CPC: B65D83/08 A47K10/421 A47K10/424 A47K2010/3266 B65D83/0805 B65D83/0894

European class: A47K10/42B A47K10/42C B65D83/08B B65D83/08H K47K10/32W

US class: 221/48

Classification Explorer

Cited documents: US7134572 BB, US6905025 BB, US6817484 BB, US6758369 BB, US5390820 A, US4586630 A, US3209941 A, US2323395 A, US2160412 A, US2005279757 AA, US2004256404 AA, US2002190074 AA, GB1051417 A, EP1336576 A1, EP1308401 A1, EP1201564 A1,

DE102007035501 A1

CN1349918 A,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

47) Family number: 43384452 (US2009155512A)

© PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSING OF SHEETS OF PRE–DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std):

BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non–invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) US2013304002A – SHEET AND LIQUID COMBINATION SYSTEMS FOR DERMAL...

48) Family number: 51110702 (US2013304002A)

© PatBase

Title: SHEET AND LIQUID COMBINATION SYSTEMS FOR DERMAL DRUG DELIVERY

Priority:

CN201180064521	20111108	US20100411728P	20101109	WO2011US59813	20111108
US20110884585	20111108	WO2011CN059813	20111108		

Family:

Publication number	Publication date	Application number	Application date
BR112013011594 A2	20160809	BR20131111594	20111108
CA2817547 AA	20130509	CA20112817547	20111108
CN103596560 A	20140219	CN201180064521	20111108
CN103596560 B	20160810	CN201180064521	20111108
CN106109444 A	20161116	CN201610428940	20111108
EP2637647 A2	20130918	EP20110839487	20111108
EP2637647 A4	20160113	EP20110839487	20111108
US2013304002 AA	20131114	US20110884585	20111108
WO12064766 A2	20120518	WO2011US59813	20111108
WO12064766 A3	20140417	WO2011US59813	20111108

Probable Assignee: ZHANG JIE

Assignee(s):(std)**:** ZHANG JIE

Assignee(s): JIE ZHANG

Inventor(s):(std)**:** ZHANG JIE

Inventor(s): JIE ZHANG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A61F13/00 A61K9/70 A61P17/02 A61P23/02 A61P25/02 A61P29/00 (Advanced/Invention); A61K31/196 A61K31/245 (Advanced/Non–invention)

CPC: A61F13/00063 A61K9/7023

European class: A61F13/00B6 A61K9/70E

US class: 424/443 514/535 514/567 514/627 604/304 604/307

Classification Explorer

Cited documents: WO9702003 A2, WO9215289 A1, WO09124096 A1, WO08156285 A1, US7063859 BA, US5484603 A, US2010041765 AA, US2009175945 AA, US2009053290 AA, US2007232695 AA, US2007189978 AA, US2007189977 AA, US2007036843 AA, US2006205300 AA, US2005261617 AA, US2004101582 AA, US2003082225 AA, US2002165477 AA, US2002114827 AA,

0) US2013292402A – TISSUE PAPER SYSTEMS

49) Family number: 50950077 (US2013292402A) © PatBase

Title: TISSUE PAPER SYSTEMS

Priority: CO20130117025 20130510 EP20100766028 20101011 WO2010EP65197 20101011

Family:

Publication number	Publication date	Application number	Application date
AU2010362450 AA	20120419	AU20100362450	20101011
CN103249341 A	20130814	CN201080070536	20101011
CO6720971 A2	20130731	CO20130117025	20130510
DE602010029544 D1	20160128	DE201060029544T	20101011
EP2627230 A1	20130821	EP20100766028	20101011
EP2627230 B1	20151216	EP20100766028	20101011
IN02902DN2013 A	20141114	IN2013DN02902	20130402
MX2013003991 A1	20130628	MX20130003991	20101011
RU2013120941 A	20141120	RU20130120941	20101011
TN2013000123 A1	20140625	TN20130000123	20130322
US2013292402 AA	20131107	US20100878803	20101011
WO12048727 A1	20120419	WO2010EP65197	20101011

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s):(std)**:** BAGHERZADEH ALI ; BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; LARSSON BJOERN ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; WONG ANDREW ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)	BREMENKAMP RALPH ; DAVIES ELEANOR ; DERIX ELEANOR ; SCHMIDT MARCEL ; THOREN WENCKE AGNETA ; SAARVAELI MONICA EVA LI ; POLINNA JULIA ; SUDWORTH JAN CASPAR ; LARSSON BJOERN ; SAARVALI MONICA EVA LI ; LARSSON BJORN ; BAGHERZADEH ALI ; SAARVALI EVA LI ; SUDWORTH JAS CASPAR ; THOREN WECKE AGNETA ; A WENG ; WONG ANDREW
Inventor(s):	ALI BAGHERZADEH ; WECKE AGNETA THOREN ; BJOERN LARSSON ; ANDREW WONG ; BJORN LARSSON ; MONICA EVA LI SAARVAELI ; RALPH BREMENKAMP ; MARCEL SCHMIDT ; WENCKE AGNETA THOREN ; ELEANOR DAVIES ; JULIA POLINNA ; JAN CASPAR SUDWORTH ; JAS CASPAR SUDWORTH ; EVA LI SAARVALI
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8–9)**:**	A47K10/42 B65D83/08 (Advanced/Invention)
CPC:	A47K10/42 A47K10/424 B65D83/0805 B65D83/0894
European class:	A47K10/42C B65D83/08B B65D83/08H
US class:	221/35
Classification Explorer	
Cited documents:	WO10126859 A1, WO0164525 A2, US2160412 A, US2009250486 AA, US2004124203 AA, US2004124202 AA, US2004099679 AA, GB2357494 A1,

0) US5851352A – SOFT MULTI–PLY TISSUE PAPER HAVING A SURFACE DE...

50) Family number: 11259820 (US5851352A) © PatBase

Title:	Soft multi–ply tissue paper having a surface deposited strengthening agent
Priority:	US19970854397 19970512 WO1998IB00701 19980511

Family:

Publication number	Publication date	Application number	Application date
AT253665 E	20031115	AT19980917498T	19980511
AU199870712 A1	19981208	AU19980070712	19980511
BRPI9809820 A	20000627	BR1998PI09820	19980511
CA2288721 AA	19991109	CA19982288721	19980511
CA2288721 C	20060321	CA19982288721	19980511
CN1105213 C	20030409	CN19988006892	19980511
CN1261938 A	20000802	CN19988006892	19980511
DE69819491 D1	20031211	DE19986019491	19980511
DE69819491 T2	20040826	DE19986019491T	19980511
EP0981668 A1	20000301	EP19980917498	19980511
EP0981668 B1	20031105	EP19980917498	19980511
JP2001525018 T2	20011204	JP19980548972T	19980511
KR100365396 B1	20021231	KR19997010411	19991111
KR20010012457 A	20010215	KR19997010411	19980511
US5851352 A	19981222	US19970854397	19970512
WO9851862 A1	19981119	WO1998IB00701	19980511

Probable Assignee:	PROCTER AND GAMBLE CO
Assignee(s):(std)	PROCTER AND GAMBLE

Assignee(s):	PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; VINSON KENNETH DOUGLAS ; DEASON HOWARD THOMAS ; FICKE JONATHAN ANDREW
Inventor(s):(std)	DEASON HOHARD T ; DEASON HOWARD T ; DEASON HOWARD THOMAS ; FICKE JONATHAN A ; DEASON THOMAS ; FICKE ANDREW ; FICKE JONATHAN ANDREW ; VINSON KENNETH DOUGLAS ; VINSON KENNETH D ; VINSON DOUGLAS
Inventor(s):	KENNETH D VINSON ; JONATHAN A FICKE ; HOHARD T DEASON ; HOWARD T DEASON ; HOWARD THOMAS DEASON ; JONATHAN ANDREW FICKE ; KENNETH DOUGLAS VINSON
Designated states:	AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW
International class (IPC 8–9):	A47K7/00 B32B29/00 B32B29/06 D21H21/18 D21H27/32 (Advanced/Invention); A47K7/00 D21H21/18 D21H27/32 (Advanced/Non–invention); A47K7/00 B32B29/00 D21H21/14 D21H27/30 (Core/Invention); D21H21/14 (Core/Non–invention)
International class (IPC 1–7):	A47K7/00 B32B29/00 D21H21/18 D21H23/22 D21H27/32
CPC:	B32B29/06 D21H21/18 D21H27/32
European class:	B32B29/06 D21H27/32 N21H21/18
US class:	162/112 162/123 162/124 162/125 162/127 162/129 162/130
Classification Explorer	
Cited documents:	WO9708387 A1, US5573637 A, US5543067 A, US5538595 A, US5510000 A, US5487813 A, US5474689 A, US5437766 A, US5427696 A, US5415737 A, US5405501 A, US5397435 A, US5312522 A, US5279767 A, US5264082 A, US5262007 A, US5246546 A, US5246545 A, US5240562 A, US5227242 A, US5223096 A, US5217576 A, US5215626 A, US5164046 A, US5059282 A, US4959125 A, US4950545 A, US4940513 A, US4795530 A, US4637859 A, US4613447 A, US4513051 A, US4507351 A, US4481243 A, US4447294 A, US4300981 A, US4191609 A, US4158594 A, US4112167 A, US4028172 A, US3994771 A, US3974025 A, US3967030 A, US3953638 A, US3818533 A, US3814096 A, US3755071 A, US3484275 A, US3438807 A, US3301746 A, GB1382714 A, EP0144658 A1,

- **search:** SS12 (11) and FT=((phantom or cutting) w1 line*) (Results 36)
- List: SS12 1–50 ((11) and FT=((phantom or cutting) w1 line*)) (Results 36)

0) US2008038504A – APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABO...

1) Family number: 32662356 (US2008038504A) © PatBase

Title:	APPARATUS FOR PRODUCING ABSORBING MATERIAL, ABORBING MATERIAL AND ABSORBENT ARTICLE

Priority:

EP20050755712	20050628	EP20050755713	20050628	EP20050755714	20050628
JP20040190411	20040628	JP20040190410	20040628	JP20040194851	20040630
JP20040190409	20040628	EP20050765331	20050630	EP20050765330	20050630
JP20040194870	20040603	JP20040194876	20040603	JP20040194871	20040603
JP20040194874	20040603	JP20040335096	20040110	JP20040194852	20040630
JP20040194853	20040630	JP20040194854	20040630	JP20040194874	20040630
JP20040194876	20040630	JP20040194870	20040630	JP20040194871	20040630
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Probable Assignee: DAIO SEISHI KK

Assignee(s):(std)**:** DAIO SEISHI KK ; DIAO PAPER CORP ; EBITSUKA KEISUKE ; MANABE SADANAO ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; MAEDA TOSHIKAZU ; YANO HIROYUKI ; KUBO TAIRA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU ; KAMOTO TOMOKA ; TAKEUCHI TOMONARI ; KONAWA SATOKO

Assignee(s): DAIO PAPER CORP ; DAIO PAPER CORP SHIKOKUCHUO ; DAIO PAPER SHIKOKUCHUO SHI CORP

Inventor(s):[std] EBIZUKA KEISUKE ; TAKEUCHI TORANARI ; TOMOKA KAMOTO ; TOMOTSUGU TAKEUCHI TOMONARI EL ; TOMOTSUGU TAKEUCHI TOMONARI KO ; TAIR MANABE SADANAO HANAO HIRO ; KAO HIROYUKI ; KAMOTO TOMOTAKA ; HIROYUKI KAMOTO TOMOKA KUBO TA ; HIROYUKI HANAO HIROYUKI KUBO T ; HANAO HIROYUKI KUBO TAIRA MIYA ; FUKAE KOUREI ; YOSHIHARU MIYASHITA ; TAKESHI FURUDOI ; SATOKO KONAWA ; SADANAO MANABE ; MIYASHITA Y ; TOMONARI TAKEUCHI ; TAKEUCHI TOMONARI ELLEAIR ; KONAWA SATOKO ELLEAIR ; KEISUKE EBITSUKA ; MIYASHITA YOSHIHARU ; MATSUI TOMOTSUGU DAIO ; MATSUI TOMOTSUGU ; MANABE SADANAO ; MAEDA TOSHIKAZU ; KUBO TAIRA ; KAMOTO TOMOKA ; HANAO HIROYUKI ; FURUDOI TAKESHI ; FUKAE AKINORI ; TOSHIKAZU MAEDA ; TOMOTSUGU MATSUI ; ELLEAIR TAKEUCHI TOMONARI ; ELLEAIR KONAWA SATOKO ; YANO HIROYUKI ; KONAWA SATOKO ; JP FURUDOI TAKESHI ; HIROYUKI YANO ; HIROYUKI HANAO ; FURODOI TAKESHI ; EBITSUKA KEISUKE ; AKINORI FUKAE ; TAKEUCHI TOMONARI ; TAIRA KUBO

Inventor(s): MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI... ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD ; FURUDOI TAKESHI JP ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA... ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO... ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; TAKEUCHI TOMONARI D ; MATSUI TOMOTSUGU TD ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU MATS ; HANAO HIROYUKI KUBO TAIRA MIYASHITA YOSHIHARU ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y MATSUI TOMOT ; HANAO HIROYUKI KUBO TAIRA MIYASHITA Y ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD ; EBITSUKA KEISUKE ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI ELLEAIR KONAWA SATOKO ELLEAIR MA ; TAKEUCHI TOMONARI ELLEAIR PAPER TECH CO LTD SAKURA SHI ; TAKEUCHI TOMONARI KONAWA SATOKO EBITSUKA KEISUKE M ; YANO HIROYUKI DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; YANO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; YANO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FUKAE AKINORI C O DAIO PAPER CONVERTING CO LTD ; FUKAE AKINORIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; FURUDOI TAKESHI C O DAIO PAPER CONVERTING CO LTD ; FURUDOI TAKESHIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; HANAO HIROYUKI C O DAIO PAPER CONVERTING CO LTD ; HANAO HIROYUKIC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; KAMOTO TOMOKA KUBO TAIRA MIYASHITA YOSHIHARU MATSU ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI ; KONAWA SATOKO ELLEAIR PAPER TECH CO LTD SAKURA SHI TOCHIGI ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD ; KUBO TAIRA DAIO PAPER CONVERTING CO LTD EHIME ; KUBO TAIRA C O DAIO PAPER CONVERTING CO LTD ; KUBO TAIRAC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MAEDA TOSHIKAZU C O DAIO PAPER CONVERTING CO LTD ; MAEDA TOSHIKAZUC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MANABE SADANAO HANAO HIROYUKI FURUDOI TAKESHI FUKA ; MANABE SADANAO C O DAIO PAPER CONVERTING CO LTD ; MANABE SADANAOC O DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU DAIO PAPER CONVERTING CO LTD SHIKOKUCHUO SHI ; MATSUI TOMOTSUGU C O DAIO PAPER CONVERTING COLTD ; MATSUI TOMOTSUGUC O DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING CO LTD ; MIYASHITA YOSHIHARU DAIO PAPER CONVERTING COLTD SHIKOKUCHUO SHI ; MIYASHITA YOSHIHARU C O DAIO PAPER CONVERTCOLTD ; MIYASHITA YOSHIHARUC O DAIO PAPER CONVERTCOLTD SHIKOKUCHUO SHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/534 A61F13/538 A61F13/539 A61F5/44 A61L15/60 B32B27/00 B32B27/12 B32B3/00 B32B3/02 B32B37/00 B32B5/24 B44C3/08 D04H1/54 D04H1/559 D04H1/70 D06C23/04 (Advanced/Invention);
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International class (IPC 1–7): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F13/539 A61F5/44 A61L15/60 B32B5/24 D04H1/54 D06C23/04

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2) Family number: 41774628 (US2010075094A) © PatBase

Title: MANUFACTURING METHOD AND SYSTEM AND ASSOCIATED ROLLS OF SHEETS WITH ALTERNATING CUTS AND PRE−CUTS

Priority:

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Probable Assignee: GEORGIA PACIFIC CONSUMER PROD

Assignee(s):(std)**:** CATTACIN GILLES ; ENGGASSER YVES ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER PROD ; DIXIE CONSUMER PRODUCTS LLC ; ANDRES ANN M ; CASE ABBY C ; GENNRICH DAVID JAMES ; MARIETTA TONDIN JULIEN ; LAURENT PIERRE ; RUPPEL REMY ; STRAHM

CHRISTOPHER TIMOTHY ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; GEORGIA PACIFIC FRANCE SOC PAR ; NEVEU JEAN LOUIS ; GEORGIA PACIFIC FRANCE

Assignee(s): GEORGIA PACIFIC FRANCE SOCIETE PAR ACTIONS SIMPLIFIEE ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A ; GEORGIA PACIFIC FRANCE11 ROUTE INDUSTRIELLEF–68320KUNHEIMFR ; GEORGIA PACIFIC FRANCE SOC PAR ACTIONS SIMPLIFIEE ; GENNRICH DAVID J ; GEORGIA PACIFIC CONSUMER PRODUCTS LP133 PEACHTREE STREET N.E.ATLANTAGA30303US ; CASPER TED ALLEN ; DESIGN CONCEPTS INC

Inventor(s):(std)**:** ANDRES ANN M ; CASE ABBY C ; CASPER TED ALLEN ; CATTACIN GILLES ; ENGGASSER YVES ; GENNRICH DAVID JAMES ; KALLSEN KENT J ; LATHAM STEPHEN ANDREW ; LAURENT PIERRE ; MARIETTA TONDIN JULIEN ; NEVEU JEAN LOUIS ; RUPPEL REMY ; STRAHM CHRISTOPHER TIMOTHY ; STRAHM CHRISTOPHER T CT ; STRAHM CHRISTOPHER T ; LATHAM STEPHEN A SA ; LATHAM STEPHEN A ; KALLSEN KENT J KJ ; GENNRICH DAVID J DJ ; GENNRICH DAVID J ; CASE ABBY C AC

Inventor(s): ANN M ANDRES ; ABBY C CASE ; DAVID J GENNRICH ; CHRISTOPHER T STRAHM ; JULIEN MARIETTA TONDIN ; GILLES CATTACIN ; KENT J KALLSEN ; STEPHEN A LATHAM ; REMY RUPPEL ; PIERRE LAURENT ; STRAHM CHRISTOPHER TUS ; YVES ENGGASSER ; NEVEU JEAN LOUISFR ; LATHAM STEPHEN AUS ; KALLSEN KENT JUS ; GENNRICH DAVID JUS ; JEAN LOUIS NEVEU ; ENGGASSER YVESFR ; CATTACIN GILLESFR ; CASE ABBY CUS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/32 A47K10/34 A47K10/36 A47K10/38 A47K10/40 A47K10/42 A47K10/44 B26D1/62 B31B49/00 B32B3/24 B65H16/00 B65H16/02 B65H20/02 B65H23/182 B65H35/04 B65H35/10 B65H37/06 B65H45/12 B65H45/14 B65H45/16 B65H45/18 B65H45/28 D21F7/00 (Advanced/Invention); A47K10/00 B26D1/00 B65H16/00 (Core/Invention); A47K B65H (Subclass/Invention)

CPC: B31D1/0031 B31D1/04 B65H16/005 B65H2301/41306 B65H2701/121 B65H45/28 Y10T428/15 A47K10/16 Y10T83/0515 Y10T83/483 B65H35/10 A47K10/3625 B65H37/06 A47K10/26 A47K10/3612 A47K10/3687 A47K10/426 A47K2010/3668 G07F11/045 B65H31/02 B65H31/24 B65H31/3009 B65H33/00 B65H33/14 B65H2301/4212 B65H2301/4213 B65H2405/11152 B65H2405/332 B65H2511/30 A47K10/42 B65H45/142 B65H45/18 B65H2701/1924

European class: A47K10/16 A47K10/42 B31D1/00F B31D1/04 B65H45/14D B65H45/18 L65H701/1924

US class: 221/1 221/30 221/30P 221/34 221/34S 221/40 428/43 428/43P 493/369 83/343 83/343S 83/37 83/37S

Classification Explorer

Cited documents: WO9837794 A1, WO9721377 A1, WO13119940 A1, WO08056042 A2, WO06007256 A1, USRE34288 E, US8662346 BB, US8298640 BB, US7971514 BB, US7967235 BB, US7954405 BB, US7837077 BB, US7832678 BB, US7416162 BB, US7370826 BB, US7234610 BB, US7168602 BB, US7137539 BB, US7063656 BA, US6964395 BA, US6959885 BB, US6915980 BB, US6892898 BA, US6889970 BB, US6884209 BB, US6874653 BB, US6871815 BB, US6860447 BB, US6838887 BB, US6826991 BA, US6736348 BA, US6651922 BA, US6644503 BB, US6622888 BB, US6592067 BB, US6581500 BA, US6536624 BB, US6464120 BA, US6460727 BA, US6447864 BB, US6440052 BA, US6352172 BA, US6237871 BA, US6228454 BA, US6152397 A, US6145782 A, US6145779 A, US6109473 A, US6090467 A, US607498 A, US6059711 A, US6029921 A, US6010090 A, US5979822 A, US5846412 A, US5836862 A, US5785274 A, US5704566 A, US5582362 A, US5526973 A, US5496605 A, US5364332 A, US5310398 A, US5244161 A, US5205454 A, US5131302 A, US511983 A, US5064179 A, US5048809 A, US5044873 A, US4982337 A, US495516 A, US4944466 A, US4928432 A, US4905868 A, US4856724 A, US4846412 A, US4807824 A, US4756485 A, US4753369 A, US4651895 A, US4648530 A, US4643705 A, US4627117 A, US459516 A, US4566608 A, US4552315 A, US453003 A, US4521209 A, US4457964 A, US4403748 A, US4378912 A, US4317547 A, US4236679 A, US4134521 A, US400913 A, US390328 A, US3877576 A, US3845289 A, US3570335 A, US3326365 A, US3276706 A, US2328109 A, US2105707 A, US2053786 A, US2016088982 AA, US2013040089 AA, US2012237711 AA, US2012138625 AA, US2011319244 AA, US2011254214 AA, US2011233254 AA,

US2011226883 AA, US2011210137 AA, US2011184864 AA, US2011177278 AA, US2011168831 AA, US2011139920 AA, US2011132920 AA, US2010304945 AA, US2010224647 AA, US2010114366 AA, US2010075094 AA, US2009212153 AA, US2009155512 AA, US2008280088 AA, US2008197142 AA, US2008173661 AA, US2007544 A, US2007098944 AA, US2006273100 AA, US2006175344 AA, US2005067519 AA, US2004254054 AA, US2003183717 AA, US2003169046 AA, JP7069529 A2, JP6022882 A2, JP2012006741 A2, JP2009039226 A2, JP2005065730 A2, JP2004129863 A2, JP2003290072 A2, JP2003144344 A2, JP2002017601 A2, JP11178741 A2, GB2377204 A1, FR2873562 A1, FR2761252 A1, EP1232715 B1, EP1231823 B1, EP1230886 B1, EP0930039 B1, EP0865247 B1, DE20314147 U1, DE20107189 U1, DE10256295 A1, CN101883514 A,

0) US2006278355A – EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR...

3) Family number: 33992783 (US2006278355A) © PatBase

Title: EMBOSSING PROCESS INCLUDING DISCRETE AND LINEAR EMBOSSING ELEMENTS

Priority:

CA20062611326	20060607	CA20062763853	20060607	US20050147774	20050608
US20050147873	20050608	CA20122611326	20120124	EP20060772638	20060607
US20080171632	20080711	US20080171589	20080711	US20080171615	20080711
US20080171652	20080711	WO2006US22398	20060607	US20050147903	20050608

Family:

Publication number	Publication date	Application number	Application date
AT545501 E	20120315	AT20060772638T	20060607
BRPI0611108 A2	20101123	BR2006PI11108	20060607
CA2611326 AA	20071206	CA20062611326	20060607
CA2611326 C	20120306	CA20062611326	20060607
CA2763853 AA	20061214	CA20062763853	20060607
CA2763853 C	20150505	CA20062763853	20060607
DE602006027648 D1	20120412	DE200660027648T	20060607
EP1899156 A2	20080319	EP20060772638	20060607
EP1899156 B1	20120215	EP20060772638	20060607
MX2007015492 A1	20080222	MX20070015492	20060607
US2006278355 AA	20061214	US20050147873	20050608
US2006278356 AA	20061214	US20050147903	20050608
US2006280910 AA	20061214	US20050147774	20050608
US2008268085 AA	20081030	US20080171632	20080711
US2008274227 AA	20081106	US20080171589	20080711
US2008274228 AA	20081106	US20080171615	20080711
US2008302493 AA	20081211	US20080171652	20080711
US7435316 BB	20081014	US20050147903	20050608
US7524404 BB	20090428	US20050147873	20050608
US7785696 BB	20100831	US20050147774	20050608
US7887676 BB	20110215	US20080171615	20080711
US7918972 BB	20110405	US20080171632	20080711
US8007640 BB	20110830	US20080171589	20080711
US8083893 BB	20111227	US20080171652	20080711
WO06133390 A2	20061214	WO2006US22398	20060607
WO06133390 A3	20070201	WO2006US22398	20060607

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:**	BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN B ; RASCH DAVID MARK ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL ; RASCH DAVID M
Assignee(s):	PROCTER AND GAMBLE CO CINCINNATI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY
Inventor(s):(std)**:**	FISHER WAYNE ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MCNEIL KEVIN ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; RASCH DAVID ; RASCH DAVID M ; RASCH DAVID MARK ; WIWI KEVIN ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; BOATMAN DONN ; BOATMAN DONN N ; BOATMAN DONN NATHAN
Inventor(s):	BOATMAN DONN NATHAN UNION ; WAYNE ROBERT FISHER ; KEVIN MITCHELL WIWI ; KEVIN BENSON MCNEIL ; DONN NATHAN BOATMAN ; DAVID MARK RASCH ; WIWI KEVIN MITCHELL WEST CHESTER ; RASCH DAVID MARK CINCINNATI ; MCNEIL KEVIN BENSON LOVELAND ; FISHER WAYNE ROBERT CINCINNATI
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
International class (IPC 8–9)**:**	B28B11/08 B31F1/07 B31F1/12 B32B1/00 B32B3/00 B44B5/00 B44B5/02 B65H37/00 D21F11/00 D21H27/02 D21H27/30 D21H27/40 (Advanced/Invention); B28B11/08 B31F1/00 B32B1/00 B32B3/00 B44B5/00 D21F11/00 D21H27/02 D21H27/30 (Core/Invention)
CPC:	B31F2201/0743 Y10T428/24479 Y10T428/24628 Y10T156/1023 Y10T428/24455 Y10T428/24463 Y10T428/24612 B31F1/07 B31F2201/0733 B31F2201/0764 B44B5/0009 B44B5/026 A47K10/16 B31F2201/0712 B31F2201/0738 B31F2201/0748 B32B3/00 B32B3/30 B32B29/00 B32B29/005 B32B2250/02 B32B2250/26 B32B2555/02 D21H27/004 D21H27/02 D21H27/40
European class:	A47K10/16 B31F1/07 B32B29/00 B32B29/00B2 B32B3/00 B32B3/30 B44B5/00A2 B44B5/02D D21H27/00D2 L31F201/07C2B L31F201/07C2D3G L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5C L31F201/07G2B L32B250/02 L32B250/26 L32B555/02 N21H27/02 N21H27/40
US class:	101/23 101/28 101/3.1 101/32 156/209 162/109 162/117 162/132 162/205 162/362 425/193 425/363 425/385 425/403 425/403P 425/408 425/470 425/470P 428/153 428/154 428/156 428/156P 428/172 428/174 428/174S
Classification Explorer	
Cited documents:	WO9954547 A1, WO9406623 A1, WO03104552 A2, WO0073053 A1, USRE27453 E, USD497054 S1, USD490986 S1, USD490985 S1, USD420517 S1, USD408162 S1, USD408152 S1, USD405269 S1, USD319349 S1, US7524404 BB, US7435316 BB, US7314664 BB, US7314663 BB, US7229681 BB, US6846172 BB, US6802937 BB, US6790314 BB, US6787000 BB, US6746570 BB, US6699360 BB, US6602577 BA, US6517673 BA, US6506329 BA, US6458447 BA, US6454905 BA, US6413614 BA, US6395133 BA, US6372087 BB, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6299729 BA, US6287425 BA, US6287422 BA, US6280570 BA, US6277466 BA, US6165319 A, US6165309 A, US6153053 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6074525 A, US5874156 A, US5779965 A, US5702571 A, US5693403 A, US5686168 A, US5620776 A, US5597639 A, US5573830 A, US5468323 A, US5436057 A, US5409572 A, US5407572 A, US5356506 A, US5300347 A, US5294475 A, US4994144 A, US497421 A, US496964 A, US4921034 A, US4859519 A, US4659608 A, US4483728 A, US4376671 A, US4326002 A, US4320162 A, US4307141 A, US4284465 A, US4207143 A, US3867225 A, US3746570 A, US3672950 A, US3615076 A, US3556907 A, US341459 A, US3414459 A, US2006280910 AA, US2006278355 AA, US2005247397 AA, US2005045292 AA, US2004231813 AA, US2004007314 AA, US2003111169 AA, GB2166690 A1, EP1527898 A1, EP0909357 B1, EP0265298 B1,

0) US2011311345A – HIGH ROLL DENSITY FIBROUS STRUCTURES

4) Family number: 50180797 (US2011311345A)

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Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Priority:

CA20112803084	20110615	CA20162803084	20160511	US20100356208P	20100618
US20110162630	20110617	WO2011US40513	20110615	US20170460321	20170316

Family:

Publication number	Publication date	Application number	Application date
AU2011268401 AA	20111222	AU20110268401	20110615
CA2803084 AA	20121218	CA20112803084	20110615
CA2803084 C	20160809	CA20112803084	20110615
CA2928608 AA	20111222	CA20112928608	20110615
EP2582876 A2	20130424	EP20110729508	20110615
FR2961529 A1	20111223	FR20110055311	20110617
MX2012014954 A1	20130212	MX20120014954	20110615
US2011311345 AA	20111222	US20110162630	20110617
US2017183824 AA	20170629	US20170460321	20170316
WO11159792 A2	20111222	WO2011US40513	20110615
WO11159792 A3	20120202	WO2011US40513	20110615

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** MCNEIL KEVIN BENSON

Inventor(s): KEVIN BENSON MCNEIL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F1/07 B65G49/00 B65G65/00 B65H18/08 B65H18/28 D21H17/07 D21H21/18 D21H27/00 D21H27/02 (Advanced/Invention)

CPC: D21H27/02 D21H27/005 B31F1/07 B65H18/08 D21H27/002 B31F2201/0733 B31F2201/0738

European class: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J

US class: 162/100 162/100S 162/109 162/109S 162/114 162/114S 414/800 414/800P

Classification Explorer

Cited documents: WO08107845 A2, WO03074398 A2, US7704601 BB, US7687140 BB, US7455260 BB, US7392961 BB, US7092781 BB, US7035706 BB, US7000864 BB, US6993964 BB, US6991144 BB, US6845282 BB, US6746569 BA, US6354530 BA, US6142407 A, US5913490 A, US5899404 A, US5810282 A, US5732901 A, US5712210 A, US5690297 A, US5667162 A, US5660350 A, US5335869 A, US4919351 A, US4300981 A, US3994771 A, US3977619 A, US26773605, US2012301536 AA, US2010030174 AA, US2010028621 AA, US2008245693 AA, US2007102559 AA, US2005132904 AA, US18547708, US18545808,

0) US2010294449A – APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

5) Family number: 47677442 (US2010294449A)

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Title: APPARATUS SUITABLE FOR EXTENDED NIP EMBOSSING

Priority:

US20090469715	20090521	US20100722725	20100312	US20100722739	20100312
US20100728352	20100322	US20100722731	20100312	US20100748528	20100329
US20100760609	20100415	WO2010US35346	20100519		

Family:

Publication number	Publication date	Application number	Application date
CA2763004 AA	20111121	CA20102763004	20100519
MX2011012399 A1	20111208	MX20110012399	20100519
US2010294449 AA	20101125	US20100728352	20100322
US2010294450 AA	20101125	US20100722739	20100312
US2010295206 AA	20101125	US20100760609	20100415
US2010297279 AA	20101125	US20100748528	20100329
US2010297280 AA	20101125	US20100722725	20100312
US2010297281 AA	20101125	US20100722731	20100312
US2010297286 AA	20101125	US20090469715	20090521
WO10135390 A1	20101125	WO2010US35346	20100519

Probable Assignee: PROCTER AND GAMBLE CO TH

Assignee(s):(std)**:** BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL

Assignee(s): PROCTER AND GAMBLE CO TH ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; WIWI KEVIN MITCHELL

Inventor(s): DONN NATHAN BOATMAN ; KEVIN MITCHELL WIWI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B28B3/14 B28B3/16 B29C59/04 B31F1/07 D21F3/00 D21F7/00 (Advanced/Invention)

CPC: B31F1/07 B31F2201/0725 B31F2201/0756 B31F2201/0758 B31F2201/0774 B31F2201/0712 B31F2201/0738

European class: B31F1/07 L31F201/07C2B L31F201/07C2D3A L31F201/07C2D3J L31F201/07E L31F201/07G L31F201/07J2

US class: 162/358.3 162/358.300P 162/362 264/175 264/175P 425/336 425/336P 425/373 425/373P 425/517 425/517P

Classification Explorer

Cited documents: WO0073053 A1, US7942995 BB, US7465163 BB, US7435316 BB, US7422658 BB, US7407560 BB, US7297226 BB, US7282108 BB, US7147453 BB, US6872342 BB, US6846172 BB, US6739024 BA, US6715411 BA, US6568931 BB, US6277226 BA, US6176819 BA, US6173496 BA, US6086715 A, US6036909 A, US6030690 A, US5887278 A, US5582689 A, US5436057 A, US5423949 A, US5320036 A, US5294475 A, US5269983 A, US4981389 A, US4921034 A, US4877487 A, US4682942 A, US4486363 A, US4300981 A, US4280978 A, US4211743 A, US4166001 A, US4046612 A, US4012188 A, US4011389 A, US4000242 A, US3994771 A, US3874962 A, US3772076 A, US3700623 A, US3672950 A, US3466358 A, US3414459 A, US3323983 A, US2776452 A, US2562078 A, US2009057950 AA, US2008200320 AA, US2007092700 AA, US2005147797 AA, US2005103456 AA,

0) US2008245923A – MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS ...

6) Family number: 33602443 (US2008245923A) © PatBase

Title: MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEBLIKE MATERIAL TOGETHER WITH A WINDING CORE AND ROLL THUS OBTAINED

Priority: EP20060745305 20060427 IT2005FI00088 20050502 WO2006IT00287 20060427

Family:

Publication number	Publication date	Application number	Application date
DE602006034753 D1	20130418	DE200660034753T	20060427
EP1888441 A2	20080220	EP20060745305	20060427
EP1888441 B1	20130227	EP20060745305	20060427
ES2406057 T3	20130605	ES20060745305T	20060427
ITFI20050088 A1	20061103	IT2005FI00088	20050502
US2008245923 AA	20081009	US20060919674	20060427
US7887003 BB	20110215	US20060919674	20060427
WO06117820 A2	20061109	WO2006IT00287	20060427
WO06117820 A3	20070419	WO2006IT00287	20060427

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std): BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std): BENVENUTI ANGELO ; MADDALENI ROMANO ; MAZZACCHERINI GRAZIANO ; MAZZACHERINI GRAZIANO

Inventor(s): MAZZACCHERINI GRAZIANO I 55016 PORCARI ; MADDALENI ROMANO I 56031 BIENTINA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H35/02 B65H39/14 B65H75/18 (Advanced/Invention); B65H19/22 B65H75/18 (Core/Invention)

CPC: B65H19/286 B65H19/2276 B65H19/2269 B65H19/267 B65H35/02 B65H39/14 B65H2301/41429 B65H2408/235 B65H2513/104 B65H2701/1846

European class: B65H19/22B6 B65H19/22C B65H19/26C B65H35/02 B65H39/14 L65H301/41429 L65H408/235 L65H513/104 L65H701/1846

US class: 242/532.3 242/535.1 242/610.1 242/610.100P

Classification Explorer

Cited documents: US6695458 BB, US6595458 BA, US6394385 BA, US5979818 A, US5873806 A, US5468207 A, US5344091 A, US4807825 A, US3942418 A, US3636827 A, US3220320 A, US3150575 A, US3013367 A, US2003116674 AA, EP0639520 A1,

0) US2009155512A – ROLLS OF MATERIAL PROVIDING ONE–HANDED DISPENSI...

7) Family number: 43384452 (US2009155512A) © PatBase

Title: ROLLS OF MATERIAL PROVIDING ONE−HANDED DISPENSING OF SHEETS OF PRE−DETERMINED LENGTH

Priority: EP20080860416 20081017 US20070001966 20071213 WO2008IB54289 20081017 US20110075606 20110330

Family:

Publication number	Publication date	Application number	Application date
AR069484 AA	20100127	AR2008P105195	20081128
AU2008334332 AA	20090618	AU20080334332	20081017
BRPI0818982 A2	20150908	BR2008PI18982	20081017
CL2008003570 A1	20091211	CL20080003570	20081128
CL50865 B	20150429	CL20080003570	20081128
CO6280605 A2	20110520	CO20100070371	20100610
CR11422 A	20100805	CR20100011422	20100511
ECSP10010342 A	20100831	EC2010SP10342	20100713
ECSP100342 A	20100831	EC2010SP00342	20100713
EP2217120 A1	20100818	EP20080860416	20081017
EP2217120 A4	20140618	EP20080860416	20081017
EP2217120 B1	20160907	EP20080860416	20081017
ES2592435 T3	20161130	ES20080860416T	20081017
IL205712 A0	20101130	IL20080205712	20081017
MX2010005425 A1	20100602	MX20100005425	20081017
PE11272009 A1	20090725	PE20080001995	20081128
US2009155512 AA	20090618	US20070001966	20071213
US2011177278 AA	20110721	US20110075606	20110330
US8277917 BB	20121002	US20110075606	20110330
WO09074899 A1	20090618	WO2008IB54289	20081017

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; KIMBERLY CLARK CO ; MCINTYRE JOSE LEE ; NETO TSUTAMA SATAKE ; MCLNTYRE JOSE LEE

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** BAGGET JAMES LEO ; BAGGOT JAMES LEO ; MCINTYRE JOSE LEE ; MCLNTYRE JOSE LEE ; NETO TSUTAMA ; NETO TSUTAMA SATAKE ; NETSO TSUTAMA STAKE ; MCINTYRE JOSE ; BAGGOT JAMES

Inventor(s): TSUTAMA SATAKE NETO ; JOSE LEE MCLNTYRE ; JOSE LEE MCINTYRE ; JAMES LEO BAGGOT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/02 A47K10/16 A47K10/22 A61K10/22 B31C3/00 B32B29/00 B65D65/28 B65H18/28 B65H75/00 (Advanced/Invention); B65H18/28 B65H35/02 B65H35/04 (Advanced/Non−invention); A47K10/00 B31C3/00 B65D65/22 B65H75/00 (Core/Invention); A47K (Subclass/Invention)

International class (IPC 1–7): A47K10/22

CPC: Y10T428/15 Y10T428/24942 A47K10/24 A47K10/32 B26F1/20 Y10T225/16

European class: A47K10/24 A47K10/32 L26F1/20

US class: 2/49.1 225/4 242/159 242/160.1 242/160.100S 242/522 428/212 428/212S 428/220 428/220S 428/43 428/43P

Classification Explorer

Cited documents: WO9723398 A1, WO08056042 A2, WO07054946 A2, US6991840 BB, US6536624 BB, US6425547 BA, US6368689 BA, US6010090 A, US5763038 A, US5704566 A, US5609269 A, US5562964 A, US5496605 A, US5407718 A, US5363728 A, US5248106 A, US4963406 A, US459516 A, US2053786 A, US2050394 A, US2007125902 AA, US2006057322 AA, US2005236504 AA, US2003132549 AA, US2002121172 AA, KR200351813 Y1, JP54152562 A2, JP54152562, JP2002046904 A2, EP1193205 A2, DE20107189 U1, DE20107189 U,

0) WO07068883A1 – SHEET MATERIAL ROLL HAVING OFFSET LINES OF WEAK...

8) Family number: 32635111 (WO07068883A1) © PatBase

Title: SHEET MATERIAL ROLL HAVING OFFSET LINES OF WEAKNESS AND DISPENSING SYSTEM

Priority: GB20050025563 20051215

Family:

Publication number	Publication date	Application number	Application date
GB200525563 A0	20060125	GB20050025563	20051215
GB2433248 A1	20070620	GB20050025563	20051215
WO07068883 A1	20070621	WO2006GB04479	20061130

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** GREEN JONATHAN ; KIMBERLY CLARK CO ; OLIVER PETER

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** GREEN JONATHAN ; OLIVER PETER

Inventor(s): PETER OLIVER ; JONATHAN GREEN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K10/34 A47K10/36 A47K10/38 B32B3/10 (Advanced/Invention); A47K10/00 A47K10/24 B32B3/10 (Core/Invention)

CPC: A47K10/3656 A47K2010/3675 A47K10/34 B32B3/10 A47K10/16 A47K10/3827 A47K10/3643

European class: A47K10/16 A47K10/34 A47K10/36 A47K10/38B2 B32B3/10

Classification Explorer

Cited documents: WO9721377 A1, US4215626 A, US400913 A, US3877576 A, US3770172 A, US2215052 A, US2005067519 AA, FR1478010 A, EP0331653 A2,

0) US4568341A – ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND ...

9) Family number: 1970355 (US4568341A) © PatBase

Title: ABSORBENT PADS, INCONTINENCE CARE PRODUCTS AND METHODS OF PRODUCTION

Priority:

CA19820400125	19820331	CA19820400155	19820331	CA19820400166	19820331
CA19820400176	19820331	CA19820400179	19820331	CA19820479541	19820331
EP19820301701	19820331	CA19850479541	19850418	US19810249318	19810331
US19810249319	19810331	US19810254314	19810415	US19810267833	19810528
WO1982US00312	19820310				

Family:

Publication number	Publication date	Application number	Application date
AT30671 E	19871115	AT19820301701T	19820331
AU198283914 A1	19821019	AU19820083914	19820310
AU564870 B2	19870827	AU19820083914	19820310
CA1174835 A1	19840925	CA19820400155	19820331
CA1174836 A1	19840925	CA19820400176	19820331
CA1174837 A1	19840925	CA19820400201	19820331
CA1187684 A1	19850528	CA19820400166	19820331
CA1194456 A1	19851001	CA19820400125	19820331
CA1194457 A1	19851001	CA19820400179	19820331
CA1194458 A1	19851001	CA19820400206	19820331
CA1207995 A1	19860722	CA19820479541	19820331
CA1207995 A2	19860722	CA19850479541	19850418
DE3277607 D1	19871217	DE19823277607	19820331
DK158560 B	19900611	DK19820005306	19821129
DK158560 C	19901105	DK19820005306	19821129
DK530682 A	19821129	DK19820005306	19821129
EP0062495 A2	19821013	EP19820301701	19820331
EP0062495 A3	19830330	EP19820301701	19820331
EP0062495 B1	19871111	EP19820301701	19820331
FI77975 B	19890228	FI19820004097	19821129
FI77975 C	19890612	FI19820004097	19821129
FI824097 A	19821129	FI19820004097	19821129
FI824097 A0	19821129	FI19820004097	19821129
FI824097 L	19821129	FI19820004097	19821129
GR75919 B	19840802	GR19820167740	19820329
JP58500742 T2	19830512	JP19820501301T	19820310
JP61050458 B4	19861104	JP19820501301	19820310
NO158446 B	19880606	NO19820003954	19821125
NO158446 C	19880914	NO19820003954	19821125
NO823954 A	19821125	NO19820003954	19821125
US4568341 A	19860204	US19830474253	19830310
WO8203324 A1	19821014	WO1982US00312	19820310

Probable Assignee: STOCKING CAROL M

Assignee(s):(std)**:** MITCHELL JAMES G MITCHELL WINA ; MITCHELL J G ; MITCHELL W G ; MITCHELL JAMES G ; MITCHELL WINALEE G

Assignee(s): STOCKING CAROL M ; MITCHELL JAMES G SUITE ; MITCHELL J G MITCHELL W G ; STRADER CHARLES J ; PFAFF ALAN R JR ; WINALEE G MITCHELL ; STRAUSS ROBERT E ; BELL JERRY L ; BOLLINGER WILLIAM C ; JAMES G MITCHELL ; KEINATH DAVID P ; MITCHELL IRREVOCABLE TRUST

Inventor(s):(std)**:** BELL JERRY L ; BOLLINGER WILLIAM C ; KEINATH DAVID P ; MITCHELL J G ; MITCHELL J G MITCHELL W G PFAF ; MITCHELL JAMES G ; MITCHELL JR ; MITCHELL W G ; MITCHELL WINALEE G ; PFAFF ALAN R JR ; PFAFF JR ALAN R ; STRADER CHARLES J ; STRAUSS R E KEINATH D P STRADE ; STRAUSS ROBERT E

; WILLIAM C BOLLINGER ; PFAFF ALAN R ; MITCHELL WINALLE G ; KEINATH DAVID R ; JR MITCHELL ; JAMES G

Inventor(s): STRAUSS R E KEINATH D P STRADER C J BOLLINGER W C ; MITCHELL J G MITCHELL W G PFAFF A R BELL J L ; PFAFF JR ; MITCHELL WG ; MITCHELL JG

Designated states: AT AU BE CH DE DK FI FR GB IT JP LI LU NL NO SE

International class (IPC 8–9): A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/53 A61F15/00 A61F5/44 (Advanced/Invention); A61F13/15 A61F5/44 (Core/Invention)

International class (IPC 1–7): A41B13/02 A61F13/00 A61F13/16 A61F13/18 A61F13/20 A61F13/46 A61F15/00 A61F5/44

CPC: A61F13/534 A61F5/4401 A61F13/15203 A61F13/15211 A61F13/15699 A61F13/53436 A61F13/537 A61F2013/15821 A61F2013/5055 A61F2013/530481 A61F2013/53445 A61F2013/53782 A61F2013/53786 A61F2013/8488 A61F13/53427 A61F2013/49076

European class: A61F13/15J A61F13/15J2 A61F13/15M5 A61F13/534 A61F13/534B4 A61F13/534B6 A61F13/537 A61F5/44B K61F13/15E2 K61F13/15E2A K61F13/15E2D K61F13/15E2D1 K61F13/15E2D2 K61F13/15E7 K61F13/15H10 K61F13/15H11 K61F13/15H7 K61F13/15J2 K61F13/15M11 K61F13/49H5 K61F13/505A K61F13/534 K61F13/534C K61F13/537 K61F13/537E4 K61F13/537E5 K61F13/53Q K61F13/84E

US class: 604/368 604/378 604/396

Classification Explorer

Cited documents: US810120 A, US4333464 A, US4317449 A, US4306559 A, US4297410 A, US4296234 A, US4293609 A, US4282874 A, US4252391 A, US4176667 A, US4173046 A, US4172066 A, US4155893 A, US4117184 A, US4105033 A, US4096312 A, US4093765 A, US4069821 A, US4055184 A, US4055180 A, US4044769 A, US3987792 A, US3939836 A, US3928105 A, US3927673 A, US3903889 A, US3890974 A, US3888256 A, US3886941 A, US3878283 A, US3865112 A, US3809089 A, US3805790 A, US3783872 A, US3773587 A, US3676263 A, US3666611 A, US3653382 A, US3620894 A, US3610244 A, US3545442 A, US3525337 A, US3491759 A, US3472724 A, US3395708 A, US3289254 A, US3286435 A, US3178494 A, US3046986 A, US2684240 A, US1843037 A, GB2017509 A1, GB1515768 A, GB1500559 A, GB1316833 A, DE2559606 B2, DE2559606 A1, DE2554640 A1, BE752366 A, BE317413 A, AT317413 B, AT317413,

0) US2010237179A – REWINDING METHOD AND REWINDING MACHINE THAT CAR...

10) Family number: 43112799 (US2010237179A)

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Title: REWINDING METHOD AND REWINDING MACHINE THAT CARRIES OUT THIS METHOD

Priority: EP20070019379 20071002 EP20080834938 20081002 WO2008IB02607 20081002

Family:

Publication number	Publication date	Application number	Application date
DE602008027048 D1	20131017	DE200860027048T	20081002
EP2045201 A1	20090408	EP20070019379	20071002
EP2205513 A2	20100714	EP20080834938	20081002
EP2205513 B1	20130821	EP20080834938	20081002
ES2430845 T3	20131122	ES20080834938T	20081002
US2010237179 AA	20100923	US20080679532	20081002
WO09044264 A2	20090409	WO2008IB02607	20081002
WO09044264 A3	20090522	WO2008IB02607	20081002

Probable Assignee: MTC MACCHINE TRASFORMAZIONE CARTA SRL

Assignee(s):(std): DE MATTEIS ALESSANDRO ; M T C MACCHINE TRASFORMAZIONE ; MTC MACCHINE TRASFORMAZIONE CA ; MTC MACCHINE TRASFORMAZIONE

Assignee(s): M T C MACCHINE TRASFORMAZIONE CARTA SRL PORCARI ; MTC MACCHINE TRASFORMAZIONE CARTA SRL ; M T C MACCHINE TRASFORMAZIONE CARTA S R L ; M T C MACCHINE TRASFORMAZIONE CARTA SRL ; MTC MACCHINE TRASFORMAZIONE CARTA S R L

Inventor(s):(std)**:** DE MATTEIS ALESSANDRO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B65H19/22 B65H19/26 B65H19/28 B65H19/29 B65H19/30 B65H35/04 B65H35/10 (Advanced/Invention); B65H19/22 B65H19/28 B65H19/30 B65H35/00 B65H35/04 (Core/Invention)

CPC: B65H19/286 B65H19/2269 B65H19/29 B65H2301/414421 B65H2408/235

European class: B65H19/22B6 B65H19/28B B65H19/29 L65H301/41442A L65H341/441A2 L65H341/441C4 L65H341/441G2 L65H408/235

US class: 242/521 242/521P 242/526 242/526.1 242/526.100S 242/526S 242/532.3 242/532.300S

Classification Explorer

Cited documents: WO06117822 A1, WO04005173 A1, WO0164563 A2, US8136473 BB, US7641142 BB, US7222813 BB, US7175126 BB, US6494398 BA, US6350861 BA, US5866135 A, US5285977 A, US35284 A, US2007102562 AA, US2007102561 AA, US2006208127 AA, US2003001042 AA, GB2150536 A1, EP1754677 A2, EP1702873 A2, EP1700805 A2, EP1554202 A2, EP1232980 A1, EP0387214 A2,

0) US2005069679A – EMBOSSED MULTI–PLY FIBROUS STRUCTURE PRODUCT AN...

11) Family number: 42142135 (US2005069679A)

© PatBase

Title: EMBOSSED MULTI–PLY FIBROUS STRUCTURE PRODUCT AND PROCESS FOR MAKING SAME

Priority:

CA20042540632	20040929	CA20042725711	20040929	US20030673659	20030929
CA20042726137	20040929	US20040950070	20040927	CA20112540632	20110119
US20050225946	20050914	US20050226542	20050914	WO2005US33053	20050916
US20080069412	20080208	US20040950706	20040927	US20050147700	20050608
WO2004US32524	20040929	US20040950070	20040927		

Family:

Publication number	Publication date	Application number	Application date
AU2004280581 AA	20050421	AU20040280581	20040929
CA2540632 AA	20060329	CA20042540632	20040929
CA2540632 C	20110222	CA20042540632	20040929
CA2581789 AA	20070322	CA20052581789	20050916
CA2581789 C	20090407	CA20052581789	20050916
CA2725711 AA	20050421	CA20042725711	20040929
CA2725711 C	20130924	CA20042725711	20040929
CA2726137 AA	20050421	CA20042726137	20040929
CL2004002518 A1	20051118	CL20040002518	20040929
CL2005002495 A1	20060616	CL20050002495	20050926
CN1856395 A	20061101	CN200480027612	20040929
EP1670635 A2	20060621	EP20040809849	20040929
EP1796899 A2	20070620	EP20050796763	20050916
JP2007505235 T2	20070308	JP20060526443T	20040929

MXPA06003421 A1	20060825	MX2006PA03421	20040929
US2005069679 AA	20050331	US20040950706	20040927
US2005069680 AA	20050331	US20030673659	20030929
US2005247397 AA	20051110	US20050147700	20050608
US2006005916 AA	20060112	US20050226542	20050914
US2006013998 AA	20060119	US20050225946	20050914
US7314663 BB	20080101	US20030673659	20030929
US7314664 BB	20080101	US20040950706	20040927
US7314665 BB	20080101	US20050225946	20050914
USRE43095 E	20120110	US20080069412	20080208
WO05035857 A2	20050421	WO2004US32524	20040929
WO05035857 A3	20051103	WO2004US32524	20040929
WO06036586 A2	20060406	WO2005US33053	20050916
WO06036586 A3	20070712	WO2005US33053	20050916

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** FISCHER WAYNE ROBERT ; KRAUS CHRISTOPHER S ; KRAUS CHRISTOPHER SCOTT ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; RUSSELL MATTHEW ALAN ; RASCH DAVID MARK ; NOLL JOSEPH CLIFFORD ; STELLJES MICHAEL GOMER JR ; WEGELE GEORGE VINCENT ; WILKE NICHOLAS JEROME II ; STELLJES MICHAEL G JR ; WEGELE GEORGE V ; STELLJES JR MICHAEL GOMER

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; PROCTER AND BAMBLE CO

Inventor(s):(std)**:** WILKE NICHOLAS JEROME II ; WEGELE GEORGE VINCENT ; WEGELE GEORGE V ; STELLJES MICHAEL GOMER JR ; STELLJES MICHAEL GOMER ; STELLJES MICHAEL G JR ; STELLJES JR MICHAEL GOMER ; RUSSELL MATTHEW ALAN ; RUSSELL MATTHEW A ; RASCH DAVID MARK ; RASCH DAVID M ; NOLL JOSEPH CLIFFORD ; BENSON STELLJES MICHAEL GOMER ; MCNEIL KEVIN BENSON ; MCNEIL KEVIN B ; KRAUS CHRISTOPHER SCOTT ; KRAUS CHRISTOPHER S ; FISHER WAYNE R ; FISCHER WAYNE ROBERT ; CLIFFORD NOLL JOSEPH ; JEROME WILKE NICHOLAS II

Inventor(s): GEORGE VINCENT WEGELE ; CHRISTOPHER SCOTT KRAUS ; KEVIN BENSON MCNEIL ; WEGELE GEORGE ; STELLJES MICHAEL ; MCNEIL KEVIN ; KRAUS CHRISTOPHER ; WEGELE ; STELLJES ; MICHAEL GOMER JR ; MCNEIL ; KRAUS ; KEVIN BENSON ; GEORGE VICENT ; CHRISTOPHER SCOTT ; STELLJES MICHAEL GOMER JR KRAUS CHRISTOPHER... ; RUSSELL MATTHEW ; RASCH DAVID ; JEROME WILKE NICHOLAS ; FISHER WAYNE ; MICHAEL GOMER JR STELLJES ; MICHAEL GOMER ; NICHOLAS JEROME ; STELLJES JR ; STELLJES MICHAEL GJR ; STELLJES MICHAEL GOMER JR KRAUS CHRISTOPHER SCOTT WEGELE GEORGE VINCENT MCNEIL KEVIN BENSON ; WEGELE GEORGE VICENT ; WILKE II

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B31F1/07 B31F1/12 B31F1/20 B32B1/00 B32B29/00 B32B29/06 B32B3/00 B32B3/28 B32B31/00 B32B38/06 B32B5/22 B32B5/24 B32B7/10 B32B7/12 B32B7/14 D04H13/00 D21H24/40 D21H25/00 D21H27/00 D21H27/02 D21H27/22 D21H27/32 D21H27/40 (Advanced/Invention);
A47K10/16 B32B37/20 (Advanced/Non–invention);
B31F1/00 B32B1/00 B32B29/00 B32B3/00 B32B3/28 B32B5/22 B32B7/10 D04H13/00 D21H27/00 D21H27/18 D21H27/30 (Core/Invention);
A47K10/00 (Core/Non–invention)

International class (IPC 1–7): B31F01/07 B31F1/07 B31F1/12 B32B3/00 B32B31/00 D04H13/00

CPC: Y10T156/1023 Y10T428/24463 Y10T428/24479 Y10T428/24562 Y10T428/24612 Y10T428/24628 Y10T428/24992 B31F2201/0738 B31F2201/0743 B31F2201/0764 B31F2201/0774 B31F2201/0787 B32B5/24 B32B7/10 B31F2201/0756 B31F2201/0792 B32B37/20 B32B38/06 B32B38/14 B32B5/26 B32B7/12 B32B37/12 B32B3/28 B31F1/07

European class: B31F1/07 B32B3/28 B32B38/06 B32B5/24 B32B7/10 L31F201/07C2D3J L31F201/07C2D5A L31F201/07E L31F201/07G2B L31F201/07J2 L31F201/07P2 L31F201/07P6 L32B37/20 L32B38/14

US class: 156/209 162/109 162/111 162/111S 162/117 162/117S 162/132 162/132S 428/154 428/156 428/166 428/172 428/174 428/218

Classification Explorer

Cited documents: WO9944814 A1, WO9850481 A1, WO9406623 A1, WO03072344 A1, WO03031170 A1, WO0242061 A1, WO0073053 A1, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6165319 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6077590 A, US6077390 A, US5904812 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5779965 A, US5686168 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5436057 A, US5409572 A, US5339730 A, US5294475 A, US5215617 A, US5173351 A, US5158819 A, US4927588 A, US4921034 A, US4913911 A, US4759967 A, US4610743 A, US4333979 A, US4326002 A, US4325773 A, US4320162 A, US4135024 A, US4000242 A, US3867225 A, US3860548 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3556907 A, US3414459 A, US231813 A, US209050 A, US2005098281 AA, US2005092881 AA, US2005092195 AA, US2005069679 AA, US2005055694 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004180178 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003215602 AA, US2003192662 AA, US2003111169 AA, US2003008109 AA, US1863973 A, US166290 A, US163783 A, US111169 A, GB2377674 A1, GB2132141 A1, EP1321287 A2, EP1312466 A2, EP1312466 A1, EP1304215 A1, EP1232854 B1, EP1232854 A1, EP1096069 A2, EP0905318 A2, EP0499862 A1, EP0498623 A2, DE1807842 A1,

0) US2010295213A – PROCESS FOR EMBOSSING WEB MATERIALS

12) Family number: 47677554 (US2010295213A) © PatBase

Title: PROCESS FOR EMBOSSING WEB MATERIALS

Priority: US20090469720 20090521 US20100722747 20100312 WO2010US35531 20100520

Family:

Publication number	Publication date	Application number	Application date
CA2763005 AA	20111121	CA20102763005	20100520
MX2011012390 A1	20111208	MX20110012390	20100520
US2010295213 AA	20101125	US20100722747	20100312
US2010295214 AA	20101125	US20090469720	20090521
WO10135503 A1	20101125	WO2010US35531	20100520

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): BOATMAN DONN NATHAN ; MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE ; WIWI KEVIN MITCHELL

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std): MCNEIL KEVIN BENSON ; WIWI KEVIN MITCHELL ; BOATMAN DONN NATHAN

Inventor(s): KEVIN MITCHELL WIWI ; DONN NATHAN BOATMAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B29C59/04 B31F1/07 (Advanced/Invention)

CPC: B31F1/07 B31F2201/0725 B31F2201/0756 B31F2201/0758 B31F2201/0774

European class: B31F1/07 L31F201/07C2D3A L31F201/07E L31F201/07G L31F201/07J2

US class: 264/284 264/284P 264/293 264/293P

Classification Explorer

Cited documents: WO0073053 A1, US7465163 BB, US7435316 BB, US7422658 BB, US7282108 BB, US6568931 BB, US6086715 A, US6036909 A, US5436057 A, US5294475 A, US4981557 A, US4921034 A, US4682942 A, US4300981 A, US4211743 A, US4166001 A, US4046612 A, US4012188 A, US3994771 A, US3772076 A, US3700623 A, US3672950 A, US3414459 A, US2776452 A, US2562078 A, US2009057950 AA, US2007092700 AA, US2005147797 AA, US2005103456 AA,

0) US2008199660A – EMBOSSING ROLLER, EMBOSSING DEVICE INCLUDING SA...

13) Family number: 33338766 (US2008199660A) © PatBase

Title: EMBOSSING ROLLER, EMBOSSING DEVICE INCLUDING SAID ROLLER AND PAPER ARTICLE PRODUCED WITH SAID EMBOSSING DEVICE

Priority: EP20060711441 20060227 IT2005FI00033 20050301 WO2006IT00112 20060227

Family:

Publication number	Publication date	Application number	Application date
AT544590 E	20120215	AT20060711441T	20060227
BRPI0609374 A2	20100330	BR2006PI09374	20060227
DE602006027526 D1	20120412	DE200660027526T	20060227
EP1855876 A1	20071121	EP20060711441	20060227
EP1855876 B1	20120208	EP20060711441	20060227
ES2380788 T3	20120518	ES20060711441T	20060227
ITFI20050033 A1	20060902	IT2005FI00033	20050301
US2008199660 AA	20080821	US20060885424	20060227
WO06092817 A1	20060908	WO2006IT00112	20060227

Probable Assignee: FABIO PERINI SPA

Assignee(s):(std)**:** GELLI MAURO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO

Inventor(s): MAURO GELLI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B31F1/07 B32B29/00 B32B3/28 B32B37/00 B32B37/12 (Advanced/Invention); B31F1/00 B32B29/00 B32B3/28 B32B37/00 B32B37/12 (Core/Invention)

CPC: Y10T156/1304 Y10T156/15 Y10T428/15 Y10T428/24612 Y10T428/24934 B31F1/07 B31F2201/0733 B31F2201/0761 B31F2201/0794

European class: B31F1/07 L31F201/07C2D3G L31F201/07G2 L31F201/07P8

US class: 101/23 101/23S 156/384 156/384S 156/459 156/459S 156/513 156/513S 156/536 156/536S 428/172 428/172P 428/211.1 428/211.100S 428/43 428/43S

Classification Explorer

Cited documents: US6686168 BA, US6681826 BA, US5846636 A, US5415918 A, US4978565 A, US4320162 A, US3694300 A, US3673060 A, US2890540 A, US2004074594 AA,

US2002060000 AA, US1954635 A,

0) US2007056704A – PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTR...

14) Family number: 34294162 (US2007056704A) © PatBase

Title: PROCESS FOR HIGH ENGAGEMENT EMBOSSING ON SUBSTRATE HAVING NON–UNIFORM STRETCH CHARACTERISTICS

Priority: US20050222701 20050909 US20060516892 20060907 WO2006US34816 20060907

Family:

Publication number	Publication date	Application number	Application date
CA2622027 AA	20080310	CA20062622027	20060907
CA2622027 C	20120918	CA20062622027	20060907
CL2006002372 A1	20070525	CL20060002372	20060908
EP1922448 A2	20080521	EP20060790194	20060907
US2007056704 AA	20070315	US20060516892	20060907
US2007059495 AA	20070315	US20050222701	20050909
US7597777 BB	20091006	US20050222701	20050909
US7678229 BB	20100316	US20060516892	20060907
WO07030592 A2	20070315	WO2006US34816	20060907
WO07030592 A3	20070816	WO2006US34816	20060907

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** WILKE NICHOLAS J II ; WILKE NICHOLAS JEROME II ; WILKE II NICHOLAS JEROME

Inventor(s): WILKE NICHOLAS ; WILKE NICHOLAS JII ; WILKE NICHOLAS JEROME

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B29C59/04 B31F1/07 B32B3/28 D21F11/00 D21H27/02 (Advanced/Invention); B31F1/00 B32B3/28 D21F11/00 D21H27/02 (Core/Invention)

CPC: Y10T156/1023 Y10T428/24463 Y10T428/24628 Y10T428/24678 D21H27/02 D21H27/002

European class: D21H27/02 N21H27/00D

US class: 156/209 162/117 162/123 162/204 428/154 428/174 428/180

Classification Explorer

Cited documents: WO9850481, WO9406623, WO05080677 A2, WO05032320 A2, WO03072344, WO03031170, WO0073053, USRE27453 E, US7320821 BB, US7285317 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6461720 BA, US6395133 BA, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6277467 BA, US6277466 BA, US6277226 BA, US6203664 BA, US6193918 BA, US6165319 A, US6153053 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6086715 A, US6077590 A, US6077390 A, US6033761 A, US6033523 A, US6030690 A, US602577 A, US5922439 A, US5904812 A, US5885417 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5804281 A, US5779965 A, US5686168 A, US5679222 A, US5637194 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5556509 A, US5549790 A, US5536506 A, US5529563 A, US5490902 A, US5468323

A, US5458950 A, US5436057 A, US5409572 A, US5356506 A, US5339730 A, US5294475 A, US5269983 A, US5173351 A, US5158819 A, US5155604 A, US5091032 A, US4984824 A, US4933120 A, US4927588 A, US4921034 A, US4913911 A, US4913858 A, US4759967 A, US4758296 A, US4717221 A, US4671983 A, US4610743 A, US4556378 A, US4528239 A, US4339088 A, US4326002 A, US4325773 A, US4320162 A, US4184700 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3668055 A, US3556907 A, US3414459 A, US2005095400 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US2003021953 AA, US2003008109 AA, US2002180097 AA, US1863973 A, GB2377674, EP1312466 A1, EP1232854 B1, EP1044807, DE4218860 A1, DE1807842 A1,

0) CO6720970A – SURTIDOR DE HOJAS HUMEDAS

15) Family number: 54819664 (CO6720970A) © PatBase

Title: SURTIDOR DE HOJAS HUMEDAS

Priority: CO20130117019 20130510 WO2010EP65194 20101011 WO2010EP65195 20101011

Family:

Publication number	Publication date	Application number	Application date
CO6710950 A2	20130715	CO20130117019	20130510
CO6710950 A2	20130715	CO20130117018	20130510
CO6720970 A2	20130731	CO20130117019	20130510

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BREMENKAMP RALPH ; ENGLER BERTOLD ; SCHMIDT MARCEL

Inventor(s): ANDREW WONG ; BERTOLD ENGLER ; BRAM VAN KRIEKER ; MARCEL SCHMIDT ; RALPH BREMENKAMP

International class (IPC 8–9): A47K10/42 B65D83/08 (Advanced/Invention)

Classification Explorer

0) WO07068884A2 – DISPENSER FOR SHEET MATERIAL DISTRIBUTEUR DE M...

16) Family number: 32635110 (WO07068884A2) © PatBase

Title: DISPENSER FOR SHEET MATERIAL

Priority: GB20050025562 20051215

Family:

Publication number	Publication date	Application number	Application date
GB200525562 A0	20060125	GB20050025562	20051215
GB2433247 A1	20070620	GB20050025562	20051215
WO07068884 A2	20070621	WO2006GB04480	20061130
WO07068884 A3	20070802	WO2006GB04480	20061130

Probable Assignee: KIMBERLY CLARK CO

Assignee(s):(std)**:** GREEN JONATHAN ; KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std)**:** GREEN JONATHAN

Inventor(s): JONATHAN GREEN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/32 A47K10/36 A47K10/38 (Advanced/Invention); A47K10/24 (Core/Invention)

CPC: A47K10/38 A47K10/3827 A47K10/32 A47K10/36

European class: A47K10/32 A47K10/38 A47K10/38B2 K47K10/36

Classification Explorer

Cited documents: WO04023961 A1, US4307639 A, US4192442 A, US3653733 A, US2206320 A, JP10323299 A2, GB2168031 A1, CH512227 A,

0) US2007057103A – CENTRE–FEED ROLL AND PRODUCTION METHODS THEREOF...

17) Family number: 31478278 (US2007057103A)

© PatBase

Title: CENTRE–FEED ROLL AND PRODUCTION METHODS THEREOF

Priority: CA20032528335 20030612 CA20032794657 20030612 WO2003FR01776 20030612 EP20080015903 20030612 EP20030817410 20030612

Family:

Publication number	Publication date	Application number	Application date
AT411249 E	20081015	AT20030817410T	20030612
AU2003255672 AA	20050128	AU20030255672	20030612
CA2528335 AA	20051206	CA20032528335	20030612
CA2528335 C	20130108	CA20032528335	20030612
CA2794657 AA	20050120	CA20032794657	20030612
DE60324201 D1	20081127	DE20036024201	20030612
DE60344761 D1	20131010	DE20036044761	20030612
DK1636123 T3	20090216	DK20030817410T	20030612
EA007435 B1	20061027	EA20050001778	20030612
EA200501778 A1	20060630	EA20050001778	20030612
EP1636123 A1	20060322	EP20030817410	20030612
EP1636123 B1	20081015	EP20030817410	20030612
EP1636123 B2	20110713	EP20030817410	20030612
EP2017205 A1	20090121	EP20080015903	20030612
EP2017205 B1	20130814	EP20080015903	20030612
ES2315575 T3	20090401	ES20030817410T	20030612
ES2315575 T5	20111201	ES20030817410T	20030612
ES2433382 T3	20131210	ES20080015903T	20030612
PT1636123 T	20090119	PT20030817410T	20030612
SI1636123 T1	20090228	SI20030031482T	20030612
US2007057103 AA	20070315	US20030560493	20030612
WO05005295 A1	20050120	WO2003FR01776	20030612

Probable Assignee: GEORGIA PACIFIC FRANCE

Assignee(s):(std): GEORGIA PACIFIC FRANCE ; HUNGLER JOEL ; MALECOT YVES MICHEL ; SCA TISSUE FRANCE

Inventor(s):(std): HUNGLER JOEL ; MALECOT YVES MICHEL ; HUNGLER JO L

Inventor(s): HUNGLER JO ; HUNGLER JOEEL ; YVES MICHEL MALECOT ; JOEL HUNGLER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B65H18/08 B65H18/20 B65H18/28 B65H19/22 B65H19/28 B65H37/06 B65H75/28 (Advanced/Invention); B65H18/00 B65H18/08 B65H19/22 B65H19/28 (Core/Invention)

International class (IPC 1–7): B65H18/28

CPC: B65H19/2276 B65H19/28 B65H2301/4148 B65H2301/41485 B65H2513/30 B65H2515/60 B65H2601/31 B65H2301/41446 B65H2301/415016 B65H2701/1924 B65H16/005 B65H18/28

European class: B65H18/28 B65H19/22C B65H19/28 L65H301/4148 L65H301/41485 L65H513/300 L65H515/600 L65H601/31

US class: 242/160.4 242/160.400P 242/525 242/525S 242/532.2 242/532.200S

Classification Explorer

Cited documents: US6959885 BB, US6179235 BA, US5849357 A, US5810279 A, US5746379 A, US5577634 A, US4760970 A, US2005067519 AA, FR2554799 A1, DE4239574 A1, DE2222357 A1,

0) US2005067126A – HIGH BULK STRONG ABSORBENT SINGLE–PLY TISSUE–TO...

18) Family number: 31778935 (US2005067126A)

© PatBase

Title: HIGH BULK STRONG ABSORBENT SINGLE–PLY TISSUE–TOWEL PAPER PRODUCT

Priority:

US20030507021P	20030929	US20030507021P	20030929	US20080043589	20080306
WO2009IB50904	20090305	WO2004US32525	20040929	US20040952119	20040928

Family:

Publication number	Publication date	Application number	Application date
AU2004278002 AA	20050414	AU20040278002	20040929
CA2540659 AA	20060329	CA20042540659	20040929
CA2540659 C	20100413	CA20042540659	20040929
CA2717713 AA	20100903	CA20092717713	20090305
CL2004002519 A1	20051118	CL20040002519	20040929
CN100593050 C	20100303	CN200480027611	20040929
CN1856622 A	20061101	CN200480027611	20040929
EP1668183 A2	20060614	EP20040789501	20040929
EP2252454 A1	20101124	EP20090716602	20090305
JP2007504919 T2	20070308	JP20060526444T	20040929
MX2010009431 A1	20100914	MX20100009431	20090305
MXPA06003344 A1	20060608	MX2006PA03344	20040929
US2005067126 AA	20050331	US20040952119	20040928
US2008149286 AA	20080626	US20080043589	20080306
US7374638 BB	20080520	US20040952119	20040928
US7967950 BB	20110628	US20080043589	20080306

WO05032320 A2	20050414	WO2004US32525	20040929
WO05032320 A3	20050811	WO2004US32525	20040929
WO09109933 A1	20090911	WO2009IB50904	20090305

Probable Assignee: PROCTER AND GAMBLE

Assignee(s):(std)**:** PRODOEHL ELLYNE ELIZABETH ; THE PROCTER AND GAMBLE COMPANY ; WILKE II NICHOLAS JEROME ; WILKE NICHOLAS JEROME II ; HORENZIAK STEVEN ANTHONY ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s):(std)**:** JEROME HORENZIAK STEVEN ANTHON ; WILKE NICHOLAS JEROME ; WILKE NICHOLAS JEROME II ; STEVEN ANTHONY HORENZIAK ; NICHOLAS JEROME II WILKE ; JEROME WILKE NICHOLAS ; ELLYNE ELIZABETH PRODOEHL ; ELIZABETH PRODOEHL ELLYNE ; ANTHONY HORENZIAK STEVEN ; HORENZIAK STEVEN ANTHONY ; PRODOEHL ELLYNE ELIZABETH ; WILKE II NICHOLAS JEROME

Inventor(s): WILKE II NICOLAS JEROME ; WILKE NICHOLAS ; STEVEN ANTHONY ; WILKE II ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE ELIZABETH ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE ELIZABETH WILKE NICHOLAS JEROME ; HORENZIAK STEVEN ANTHONY PRODOEHL ELLYNE... ; NICHOLAS JEROME WILKE II ; NICOLAS JEROME ; PRODOEHL ; PRODOEHL ELLYNE ; ELLYNE ELIZABETH ; HORENSIAK ; HORENSIAK STEVEN ANTHONY ; HORENZIAK STEVEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/00 A47K10/16 A47K7/00 B31F1/07 B31F1/20 D04H1/04 D21F11/00 D21F27/30 D21H15/02 D21H27/00 D21H27/02 D21H27/30 (Advanced/Invention); A47K10/00 B31F1/00 D21F11/00 D21H15/00 (Core/Invention)

International class (IPC 1–7): A47K10/00 D21F11/00 D21H27/02

CPC: Y10T428/24628 D21H27/02 A47K10/16 B31F1/07 B31F2201/0738 D21F11/006

European class: A47K10/16 B31F1/07 D21F11/00E D21H27/02 L31F201/07C2D3J

US class: 162/109 162/117 162/117S 264/517 264/517S 428/174 428/220

Classification Explorer

Cited documents: WO9858124 A1, WO9850481 A1, WO9508671 A1, WO9406623 A1, WO06132883 A2, WO05032320 A2, WO03072344 A1, WO03031170 A1, WO0228630 A2, WO0073053 A1, US7531062 BB, US7374638 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6511579 BA, US6468392 BB, US6361308 BB, US6344111 BA, US6331228 BA, US6299729 BA, US6165319 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6077590 A, US6077390 A, US5904812 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5779965 A, US5686168 A, US5685954 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5536506 A, US5529563 A, US5490902 A, US5468323 A, US5436057 A, US5409572 A, US5339730 A, US5320776 A, US5294475 A, US5173351 A, US5158819 A, US4927588 A, US4921034 A, US4913911 A, US4759967 A, US4610743 A, US4326002 A, US4325773 A, US4320162 A, US4135024 A, US3867225 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3556907 A, US3414459 A, US2006280910 AA, US2005178513 AA, US2005098281 AA, US2005092881 AA, US2005067126 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004038006 AA, US2003192662 AA, US2003111169 AA, US1863973 A, GB2377674 A1, GB1245280 A, EP1312466 A1, EP1232854 B1, DE1807842 A1,

0) US2005257879A – PROCESS FOR PRODUCING DEEP–NESTED EMBOSSED PAPE...

19) Family number: 32435992 (US2005257879A)

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Title: PROCESS FOR PRODUCING DEEP–NESTED EMBOSSED PAPER PRODUCTS

Priority:

CA20052567121	20050523	CA20102567121	20100422	US20050130816	20050517
US20040573727P	20040521	US20050130876	20050517	US20050147698	20050608
WO2005US18073	20050523	WO2006US22397	20060607		

Family:

Publication number	Publication date	Application number	Application date
AU2005245498 AA	20051201	AU20050245498	20050523
BRPI0511169 A	20071204	BR2005PI11169	20050523
BRPI0611638 A2	20110322	BR2006PI11638	20060607
CA2567121 AA	20061117	CA20052567121	20050523
CA2567121 C	20100629	CA20052567121	20050523
CA2611122 AA	20071205	CA20062611122	20060607
CA2611122 C	20110510	CA20062611122	20060607
CA2696787 AA	20051201	CA20052696787	20050523
CA2696787 C	20150825	CA20052696787	20050523
CL2005001217 A1	20060210	CL20050001217	20050520
CL2006001394 A1	20070223	CL20060001394	20060607
CN1953867 A	20070425	CN200580015788	20050523
EP1776226 A1	20070425	EP20050754548	20050523
EP1899155 A2	20080319	EP20060772637	20060607
HK1102571 A3	20071130	HK20070110863	20071008
JP2007536141 T2	20071213	JP20070513490T	20050523
MX2007014974 A1	20080215	MX20070014974	20060607
MXPA06013493 A1	20070123	MX2006PA13493	20050523
US2005257879 AA	20051124	US20050147698	20050608
US2005257910 AA	20051124	US20050130876	20050517
US7413629 BB	20080819	US20050147698	20050608
US7435313 BB	20081014	US20050130876	20050517
WO05113226 A1	20051201	WO2005US18073	20050523
WO06133389 A2	20061214	WO2006US22397	20060607
WO06133389 A3	20070201	WO2006US22397	20060607

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** PROCTER AND GAMBLE ; RUSSELL MATTHEW ALAN ; WEGELE GEORGE VINCENT ; RASCH DAVID M ; WILKE NICHOLAS J II ; RUSSELL MATTHEW A ; WEGELE GEORGE V ; BOATMAN DONN N ; BOATMAN DONN NATHAN ; FISHER WAYNE R ; FISHER WAYNE ROBERT ; MC NEIL KEVIN BENSON ; MCNEIL KEVIN B ; RASCH DAVID MARK ; WILKE NICHOLAS JEROME II ; WIWI KEVIN MITCHELL ; WIWI KEVIN M

Assignee(s): MCNEIL KEVIN BENSON ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s):(std)**:** FISHER WAYNE R ; FISHER WAYNE ROBERT ; BOATMAN DONN N ; BOATMAN DONN NATHAN ; MC NEIL KEVIN BENSON ; MCNEIL KEVIN B ; MCNEIL KEVIN BENSON ; NEIL KEVIN BENSON MC ; RASCH DAVID M ; RASCH DAVID MARK ; RUSSELL MATTHEW A ; RUSSELL MATTHEW ALAN ; WEGELE GEORGE V ; WEGELE GEORGE VINCENT ; WILKE II NICHOLAS JEROME ; WILKE NICHOLAS J II ; WIWI KEVIN M ; WIWI KEVIN MITCHELL ; WILKE NICHOLAS JEROME II ; BOATMAN DONN N MCNEIL KEVIN B

Inventor(s): BOATMAN DONN ; WILKE NICHOLAS JII ; WIWI KEVIN ; WILKE NICHOLAS ; WEGELE GEORGE ; RUSSELL MATTHEW ; RASCH DAVID ; MCNEIL KEVIN ; FISHER WAYNE ; BOATMAN DONN N MCNEIL KEVIN B RUSSELL MATTHEW A WE ; WILKE NICHOLAS JEROME ; WIKE II NICHOLAS JEROME ; WAYNE ROBERT FISHER ; NICHOLAS JEROME WILKE II ; DAVID MARK RASCH ; DONN NATHAN BOATMAN ; GEORGE VINCENT WEGELE ; KEVIN BENSON MC NEIL ; KEVIN BENSON MCNEIL ; KEVIN MITCHELL WIWI ; MATTHEW ALAN RUSSELL

Designated states:

AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A47K10/16 B31F1/07 B31F1/26 B31F1/36 D21F11/00 D21F11/14 D21H27/00 D21H27/02 D21H27/30 (Advanced/Invention); D21H27/02 (Advanced/Non–invention)

International class (IPC 1–7): B31F1/00 B31F1/07 D21F11/00

CPC: Y10T156/1023 Y10T428/24479 Y10T428/24612 B31F1/07 B31F2201/0738 B31F2201/0743 B31F2201/0746 B31F2201/0748 B31F2201/0756 B31F2201/0764 B31F2201/0784 D21F11/14

European class: B31F1/07 D21F11/14 L31F201/07C2D3J L31F201/07C2D5A L31F201/07C2D5A2 L31F201/07C2D5C L31F201/07E L31F201/07G2B L31F201/07P

US class: 156/209 162/117 162/117S 162/123 162/123S 162/132 162/204 162/205 162/207 162/362 428/156 428/156S 428/172

Classification Explorer

Cited documents: WO9850481 A1, WO9406623 A1, WO03072344 A1, WO03031170 A1, WO0073053 A1, USRE27453 E, US6942755 BB, US6911573 BB, US6887349 BB, US6802937 BB, US6755928 BA, US6733626 BB, US6699360 BB, US6649024 BB, US6602577 BA, US6571673 BB, US6524683 BA, US6468392 BB, US6458447 BA, US6413614 BA, US6368454 BA, US6361308 BB, US6344111 BA, US6331228 BA, US6302998 BA, US6299729 BA, US6176819 BA, US6176819 B1, US6165319 A, US6129972 A, US6129815 A, US6113723 A, US6106928 A, US6077590 A, US6077390 A, US5913765 A, US5904812 A, US5874156 A, US5868168 A, US5846636 A, US5840404 A, US5837102 A, US5779965 A, US5743999 A, US5620779 A, US5620776 A, US5597639 A, US5573830 A, US5536506 A, US5529563 A, US5520778 A, US5503896 A, US5490902 A, US5468323 A, US5436057 A, US5409572 A, US5356364 A, US5339730 A, US5294475 A, US5173351 A, US5158819 A, US5158523 A, US5126015 A, US5036758 A, US4994144 A, US4927588 A, US4921034 A, US4919877 A, US4913911 A, US4913872 A, US4759967 A, US4610743 A, US4596633 A, US4326002 A, US4325773 A, US4320162 A, US4207143 A, US4135024 A, US3938261 A, US3922129 A, US3867225 A, US3782330 A, US3776471 A, US3711960 A, US3708366 A, US3684603 A, US3673060 A, US3672950 A, US3587177 A, US3556907 A, US3414459 A, US3238635 A, US3097994 A, US2370811 A, US2005098281 AA, US2004247836 AA, US2004231813 AA, US2004209050 AA, US2004166290 AA, US2004163783 AA, US2004055694 AA, US2004038006 AA, US2003228444 AA, US2003192662 AA, US2003111169 AA, US2003110961 AA, US2003021953 AA, US2003008109 AA, US1863973 A, GB2377674 A1, EP1321287 A2, EP1312466 A1, EP1270196 A1, EP1232854 B1, EP0849394 A1, EP0499942 A2, DE1807842 A1,

0) US2013101817A – TISSUE PAPER AND METHOD OF PRODUCING TISSUE PAP...

20) Family number: 50439407 (US2013101817A)

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Title: TISSUE PAPER AND METHOD OF PRODUCING TISSUE PAPER

Priority: JP20100149655 20100630 JP20100266174 20101130 WO2010JP63006 20100802

Family:

Publication number	Publication date	Application number	Application date
CN102958414 A	20130306	CN201080067416	20100802
CN102958414 B	20160810	CN201080067416	20100802
EP2589324 A1	20130508	EP20100854119	20100802
EP2589324 A4	20150325	EP20100854119	20100802
JP2012010907 A2	20120119	JP20100149655	20100630
JP2012011170 A2	20120119	JP20100266174	20101130

JP4868620 B2	20120201	JP20100149655	20100630
JP4868622 B2	20120201	JP20100266174	20101130
KR101757505 B1	20170712	KR20127033274	20100802
KR20130098178 A	20130904	KR20127033274	20100802
TH125035 A	20130628	TH20121006619	20100802
US2013101817 AA	20130425	US20100807532	20100802
WO12001822 A1	20120105	WO2010JP63006	20100802

Probable Assignee: DAIO PAPER CORP

Assignee(s):(std)**:** DAIO SEISHI KK ; IWASAKI MINORU

Assignee(s): DAIO PAPER CORP

Inventor(s):(std)**:** IWASAKI MINORU

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A47K10/16 A47K7/00 B32B29/00 D21H11/02 D21H19/00 D21H19/10 D21H23/02 D21H27/00 D21H27/30 (Advanced/Invention); A47K7/00 (Core/Invention)

CPC: B32B29/005 D21H19/00 D21H27/002 D21H27/30 Y10T428/24942 A47K10/16 A47K7/00 A47K10/00 A47K10/20 A47K10/42 D21H11/02 D21H17/00 D21H17/05 D21H23/02 D21H27/00

European class: D21H27/00D D21H27/30

US class: 427/209 428/212

Classification Explorer

Cited documents: WO11080940 A1, US2011024066 AA, US2009008052 AA, US2008075760 AA, US2006243405 AA, US2005238700 AA, US2005077020 AA, US2005077020, US2004112783 AA, JP2008183127 A2, JP2008183127, JP2005113368 A2, JP2004218151 A2, EP2520206 A1, EP1464263 A1, CN1599574 A, CN101410044 A,

0) US2010297402A – PAPER PRODUCT PRODUCED BY A HIGH PRESSURE EMBOS...

21) Family number: 47677403 (US2010297402A)

© PatBase

Title: PAPER PRODUCT PRODUCED BY A HIGH PRESSURE EMBOSSING APPARATUS

Priority: US20090469723 20090521 WO2010US35240 20100518

Family:

Publication number	Publication date	Application number	Application date
CA2763003 AA	20111121	CA20102763003	20100518
MX2011012397 A1	20111208	MX20110012397	20100518
US2010297402 AA	20101125	US20090469723	20090521
WO10135317 A1	20101125	WO2010US35240	20100518

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std)**:** ANAST JOHN MATTHEW ; BOATMAN DONN NATHAN ; FARWIG JAMES PAUL ; PROCTER AND GAMBLE

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO

Inventor(s):(std)**:** ANAST JOHN MATTHEW ; BOATMAN DONN NATHAN ; FARWIG JAMES PAUL

Inventor(s): JAMES PAUL FARWIG ; JOHN MATTHEW ANAST ; DONN NATHAN BOATMAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/07 B32B3/10 (Advanced/Invention)

CPC: Y10T428/24628 B31F1/07 B31F2201/0725 B31F2201/0728 B31F2201/0756 B31F2201/0758 D21H27/002 D21H27/02

European class: B31F1/07 D21H27/00D D21H27/02 L31F201/07C2D3A L31F201/07C2D3C L31F201/07E L31F201/07G

US class: 428/174 428/174P

Classification Explorer

Cited documents: US7439534 BB, US7435316 BB, US7422658 BB, US7282108 BB, US6086715 A, US6030690 A, US5436057 A, US5294475 A, US4921034 A, US4300981 A, US4166001 A, US3994771 A, US3672950 A, US3414459 A, US2005215155 AA,

0) US2006282058A – DISPOSABLE PULL–ON WEARING ARTICLE

22) Family number: 33995036 (US2006282058A) © PatBase

Title: DISPOSABLE PULL–ON WEARING ARTICLE

Priority: EP20060757284 20060613 JP20050173997 20050614 WO2006JP311799 20060613 WO2006JP11799 20060613

Family:

Publication number	Publication date	Application number	Application date
CN101170979 A	20080430	CN200680014947	20060613
CN101170979 B	20110216	CN200680014947	20060613
DE602006032401 D1	20121129	DE200660032401T	20060613
EP1872759 A1	20080102	EP20060757284	20060613
EP1872759 A4	20110504	EP20060757284	20060613
EP1872759 B1	20121010	EP20060757284	20060613
JP2006346005 A2	20061228	JP20050173997	20050614
JP5014595 B2	20120829	JP20050173997	20050614
KR20080019004 A	20080229	KR20077029299	20071214
TH45381 B	20150803	TH20061002592	20060606
TH83236 A	20070222	TH20061002592	20060606
TW200711636 A	20070401	TW20060119685	20060602
TWI293874 B	20080301	TW20060119685	20060602
US2006282058 AA	20061214	US20060423967	20060614
US7744577 BB	20100629	US20060423967	20060614
WO06134895 A1	20061221	WO2006JP311799	20060613

Probable Assignee: UNI CHARM CORP

Assignee(s):(std): ICHIKAWA MAKOTO ; KAWAKAMI YUSUKE ; OHASHI NAOTO ; OTSUBO TOSHIFUMI ; UNI CHARM CORP ; UNICHARM CORP ; UNI CHARM LTD

Assignee(s): UNI CHARM CORP SHIKOKUCHUO ; UNI CHARM CO LTD

Inventor(s):(std): ICHIKAWA MAKOTO ; KAWAKAMI YUSUKE ; MAKOTO ICHIKAWA ; NAOTO OHASHI ; OHASHI NAOTO ; OTSUBO TOSHIBUMI ; OTSUBO TOSHIFUMI ; TOSHIFUMI OTSUBO ; YUSUKE KAWAKAMI

Inventor(s): OTSUBO TOSHIFUMI C O UNI CHARM CORP ; OTSUBO TOSHIFUMI C O UNI CHARM CORPORATION ; OHASHI NAOTO C O UNI CHARM CORP ; OHASHI NAOTO C O UNI CHARM CORPORATION ; KAWAKAMI YUSUKE C O UNI CHARM CORP ; KAWAKAMI YUSUKE C O UNI CHARM CORPORATION ; ICHIKAWA MAKOTO C O UNI CHARM CORP ; ICHIKAWA MAKOTO C O UNI CHARM CORPORATION

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): A61F13/15 A61F13/20 A61F13/49 A61F13/496 A61F13/56 A61F5/44 (Advanced/Invention); A61F13/15 A61F13/20 A61F13/496 A61F13/56 A61F5/44 (Core/Invention)

International class (IPC 1–7): A61F13/15 A61F13/49 A61F13/496 A61F13/56 A61F5/44

CPC: A61F13/565 A61F13/4963 A61F13/493 A61F13/551 A61F13/496

European class: A61F13/493 A61F13/496 A61F13/496A A61F13/551 A61F13/56C

US class: 604/385.01 604/385.03 604/385.11 604/385.110S 604/385.13 604/385.130P 604/385.22 604/386 604/387 604/389 604/391 604/392

Classification Explorer

Cited documents: WO9713485 A1, WO1996507699, WO06134895 A1, WO05016214 A1, US7497852 BB, US6972012 BA, US6579275 BA, US6508797 BA, US6210388 BA, US5830206 A, US5624428 A, US5074854 A, US2006089616 AA, US2006004341 AA, US2004019343 AA, US2003216706 AA, US2002111596 AA, JPP3421030, JP88507699, JP8507699 T2, JP8182704 A2, JP8182699 A2, JP5317356 A2, JP4371147 A2, JP4371146, JP3421030 B2, JP3421030, JP2005095588 A2, JP2002153509 A2, JP11513295 T2, JP1141711 U1, JP1141711 A2, EP1600132 A1,

0) US2002092637A – WEB SUPPORT SYSTEM AND METHOD FOR USE WHEN TRAN...

23) Family number: 28232849 (US2002092637A) © PatBase

Title: Web support system and method for use when transferring a paper web between components of a papermachine

Priority: US20010760198 20010112 WO2002IB01899 20020110

Family:

Publication number	Publication date	Application number	Application date
AU2002307840 AA	20020912	AU20020307840	20020110
US2002092637 AA	20020718	US20010760198	20010112
US6558514 BB	20030506	US20010760198	20010112
WO02068753 A2	20020906	WO2002IB01899	20020110
WO02068753 A3	20021219	WO2002IB01899	20020110
WO02068753 B1	20040304	WO2002IB01899	20020110

Probable Assignee: VALMET INC

Assignee(s):(std): BENSON JAMES R ; MARINACK ROBERT J ; METSO PAPER INC ; ROUHIAINEN PAUL ; VALMET INC ; WIELEN MICHAEL JOHN VANER

Inventor(s):(std): MARINACK ROBERT J ; ROUHIAINEN PAUL ; VANDER WEILEN MICHAEL JOHN ; VANDER WIELEN MICHAEL JOHN ; WEILEN MICHAEL JOHN VANDER ; WIELEN MICHAEL JOHN VANER ; BENSON JAMES R

Inventor(s): JAMES R BENSON ; MICHAEL JOHN VANDER WEILEN ; PAUL ROUHIAINEN ; ROBERT J MARINACK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW

HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

International class (IPC 8–9): D21G9/00 (Advanced/Invention); D21G9/00 (Core/Invention)

International class (IPC 1–7): D21F1/32 D21F1/36 D21F7/00 D21G9/00

CPC: D21G9/0063

European class: D21G9/00C

US class: 162/193 162/272 162/274 162/275 162/289

Classification Explorer

Cited documents: US6325896 BA, US6004432 A, US5891309 A, US5738760 A, US4904344 A, US4566944 A, US4501643 A, US4321107 A,

0) EP1970193A2 – EMBOSSED SHEET MATERIAL, EMBOSSING UNIT AND MET...

24) Family number: 42152582 (EP1970193A2) © PatBase

Title: EMBOSSED SHEET MATERIAL, EMBOSSING UNIT AND METHOD FOR THE PRODUCTION

Priority: IT2007FI00057 20070309

Family:

Publication number	Publication date	Application number	Application date
EP1970193 A2	20080917	EP20080425142	20080307
EP1970193 A3	20130828	EP20080425142	20080307
EP1970193 B1	20170621	EP20080425142	20080307
ES2640976 T3	20171107	ES20080425142T	20080307
ITFI20070057 A1	20080910	IT2007FI00057	20070309

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std): PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std): GELLI MAURO ; CICALINI GIANCARLO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

International class (IPC 8–9): B31F1/07 (Advanced/Invention); B31F1/00 (Core/Invention)

CPC: B31F2201/0738 B31F2201/0764 B31F1/07 B31F2201/0733 B31F2201/0761 B31F2201/0774

European class: B31F1/07 L31F201/07C2D3G L31F201/07G2 L31F201/07J2

Classification Explorer

Cited documents: WO06092817, WO05011970 A1, US6755928, US6681826, US6578617, US6470945, US6261666, US6245414, US6136413, US6113723, US6109326, US6106928, US6053232, US6032712, US5846636, US5736223, US5686168, US5339730, US5173351, US5096527, US3961119, US3867225, US3556907, US3414459, US2004258886 AA, EP1908579 A1,

0) WO09113115A1 – EMBOSSED MULTI–PLY PAPER MATERIAL AND EMBOSSING...

25) Family number: 42928497 (WO09113115A1) © PatBase

Title: EMBOSSED MULTI–PLY PAPER MATERIAL AND EMBOSSING UNIT FOR THE PRODUCTION THEREOF

Priority: EP20090720464 20090303 IT2008FI00047 20080311 WO2009IT00079 20090303

Family:

Publication number	Publication date	Application number	Application date
EP2252455 A1	20101124	EP20090720464	20090303
EP2252455 B1	20170510	EP20090720464	20090303
ES2635962 T3	20171005	ES20090720464T	20090303
ITFI20080047 A1	20090912	IT2008FI00047	20080311
WO09113115 A1	20090917	WO2009IT00079	20090303

Probable Assignee: PERINI FABIO SPA

Assignee(s):(std)**:** GELLI MAURO ; PERINI FABIO SPA

Assignee(s): FABIO PERINI S P A ; FABIO PERINI SPA

Inventor(s):(std)**:** GELLI MAURO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): B31F1/07 (Advanced/Invention); B31F1/00 (Core/Invention)

CPC: B31F1/07 B31F2201/0733 B31F2201/0738 B31F2201/0766 B31F2201/0787 B31F2201/0792

European class: B31F1/07 L31F201/07C2D3G L31F201/07C2D3J L31F201/07G2D L31F201/07P2 L31F201/07P6

Classification Explorer

Cited documents: WO09010092 A1, WO07097725 A2, US5339730 A, US2007264461 AA, US2003198788 AA, EP1493552 A1, EP0367999 A2,

0) US5012810A – BIOMEDICAL ELECTRODE CONSTRUCTION

26) Family number: 4892108 (US5012810A) © PatBase

Title: Biomedical electrode construction

Priority: AU19890040123 19890822 CA19890608929 19890821 US19900534160 19900606 US19880247707 19880922 US19900534161 19900606 CA19922062881 19920312 US19900542637 19900622 US19910788192 19911105 US19910686049 19910416

Family:

Publication number	Publication date	Application number	Application date
AU198940123 A1	19900329	AU19890040123	19890822
AU199181763 A1	19911024	AU19910081763	19910809
AU199212935 A1	19921022	AU19920012935	19920316
AU613513 B2	19910801	AU19890040123	19890822
AU636786 B2	19930506	AU19910081763	19910809
CA1335303 A1	19950418	CA19890608929	19890821
CA2062881 AA	19921017	CA19922062881	19920312
DE68919964 D1	19950126	DE19896019964	19890914

DE68919964 T2	19950608	DE19896019964T	19890914
EP0360496 A1	19900328	EP19890309347	19890914
EP0360496 B1	19941214	EP19890309347	19890914
EP0509710 A2	19921021	EP19920303115	19920408
EP0509710 A3	19940105	EP19920303115	19920408
JP2045710 U1	19900329	JP19890110830U	19890921
JP2084240 Y	19960924	JP19890110830U	19890921
JP2570183 Y2	19980506	JP19920020573U	19920406
JP5000104 U1	19930108	JP19920020573U	19920406
JP7007924 Y2	19950301	JP19890110830U	19890921
US5012810 A	19910507	US19900542637	19900622
US5078138 A	19920107	US19900534160	19900606
US5078139 A	19920107	US19900534161	19900606
US5133355 A	19920728	US19910788192	19911105
US5215087 A	19930601	US19910686049	19910416

Probable Assignee: MINNESOTA MINING AND MFG

Assignee(s):(std)**:** MINNESOTA MINING AND MFG

Assignee(s): MINNESOTA MINING AND MFG CO ; MINNESOTA MINING AND MFG CO SAINT PAUL MINN US ; MINNESOTA MINING AND MFG CO SAINT PAUL MN A CORP O ; NIVEN CLARENCE A JR ; STRAND JEROME E ; ANDERSON CLIFFORD J ; CRAIGHEAD LAWRENCE W ; MINNESOTA MINING AND MANUFACTURING COMPANY

Inventor(s):(std)**:** ANDERSON CLIFFORD J ; ANDERSON CLIFFORD JAMES ; CRAIGHEAD LAWRENCE W ; CRAIGHEAD LAWRENCE WALTER ; NIVEN CLARENCE A ; NIVEN CLARENCE A JR ; NIVEN CLARENCE ANDREW JR ; STRAND JEROME E ; STRAND JEROME ELROY

Inventor(s): STRAND JEROME E 2501 HUDSON ROAD ST PAUL MINNESOTA ; STRAND JEROME E 2501 HUDSON ROAD ST PAUL... ; NIVEN CLARENCE A JR 2501 HUDSON ROAD ST PAUL MINNE ; NIVEN CLARENCE A JR 2501 HUDSON ROAD ST PAUL... ; JEROME ELROY STRAND ; LAWRENCE WALTER CRAIGHEAD ; CRAIGHEAD LAWRENCE W 2501 HUDSON ROAD ST PAUL MINN ; CRAIGHEAD LAWRENCE W 2501 HUDSON ROAD ST PAUL... ; CLARENCE ANDREW NIVEN JR ; CLIFFORD JAMES ANDERSON

Designated states: CH DE DK FR GB IT LI

International class (IPC 8–9)**:** A61B5/04 A61B5/0408 A61N1/04 (Advanced/Invention); A61N1/04 (Advanced/Non–invention); A61B5/0408 (Core/Invention)

International class (IPC 1–7)**:** A61B1/04 A61B5/04 A61B5/040 A61B5/0402 A61B5/0408 A61N1/04

CPC: A61B2562/125 A61B2562/17 A61B5/04087

European class: A61B5/0408F K61B562/12B

US class: 128/640 600/372 600/391 600/392 600/393 600/396 600/397

Classification Explorer

Cited documents: WO8102097 A1, US5012810 A, US4957795 A, US4922911 A, US4908263 A, US4852571 A, US4848353 A, US4846185 A, US4798642 A, US4771783 A, US4768514 A, US4738263 A, US4736752 A, US4727881 A, US4727880 A, US4722761 A, US4715857 A, US4715382 A, US4707243 A, US4706680 A, US4702256 A, US4694835 A, US4692371 A, US4692368 A, US4685467 A, US4679563 A, US4674512 A, US4674511 A, US4663220 A, US4660228 A, US4657023 A, US4653502 A, US4653501 A, US4643193 A, US4640563 A, US4640289 A, US4617935 A, US4615788 A, US4583548 A, US4578173 A, US4571293 A, US4570637 A, US4554924 A, US4544924 A, US4543958 A, US4539996 A, US4524775 A, US4524087 A, US4522221 A, US4522211 A, US4503860 A, US4414970 A, US4409981 A, US4386156 A, US4379192 A, US4370984 A, US4367745 A, US4352359 A, US4327737 A, US4300575 A, US4273135 A, US4270543 A, US4257424 A, US4249538 A, US4166465 A, US4094822 A, US4082087 A, US3998215 A, US3993049 A, US3911906 A, US3888240 A, US3845757 A, US3805769 A, US3701346 A, US3696807 A, US3669110 A, US3575782

A, US3543760 A, US3468303 A, US3340868 A, US3187745 A, US1662446 A, JP60147404 A2, JP2004321 A2, JP1049539 A2, GB2179555 A1, GB1519782 A, EP0360496 A1, EP0275628 A1, EP0259006 A1, EP0194823 A2, EP0142372 A1, AU6627990 A1, AU596433 B2,

0) US7040567B – DISPENSER FOR PERFORATED SHEET MATERIAL PROVIDI...

27) Family number: 32884907 (US7040567B) © PatBase

Title: DISPENSER FOR PERFORATED SHEET MATERIAL PROVIDING FLAT SHEET DELIVERY

Priority: US20040025392 20041229

Family:

Publication number	Publication date	Application number	Application date
US7040567 BA	20060509	US20040025392	20041229
WO06071276 A1	20060706	WO2005US25569	20050719

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s):(std): KIMBERLY CLARK CO ; LEWIS RICHARD PAUL ; TRAMONTINA PAUL FRANCIS

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): LEWIS RICHARD PAUL ; TRAMONTINA PAUL FRANCIS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8–9): B65D83/08 B65D85/66 B65H16/02 (Advanced/Invention); B65D83/08 B65D85/66 B65H16/00 (Core/Invention)

CPC: B65D5/4608 B65D83/0841 B65D85/671

European class: B65D5/46B1 B65D83/08B1D L65D85/671

US class: 206/408 206/409 242/588.3 242/594.1

Classification Explorer

Cited documents: US6346153 BA, US6273996 BA, US6248212 BA, US6179244 BA, US6179244 B1, US5904971 A, US5772845 A, US5674590 A, US5570856 A, US5507386 A, US5399412 A, US5048589 A, US4901855 A, US4805794 A, US4467974 A, US4027794 A, US3998326 A, US3958768 A, US3877576 A, US3770172 A, US3302781 A, US3276575 A, US3229876 A, US3166187 A, US3034690 A, US2340116 A, GB2308114 A1,

0) US3823887A – DEVICE FOR FORMING LIGHTWEIGHT PAPER INTO ROLLS...

28) Family number: 1084333 (US3823887A) © PatBase

Title: DEVICE FOR FORMING LIGHTWEIGHT PAPER INTO ROLLS WITHOUT ANY CORE

Priority: US19710211319 19711223 US19730334844 19730222

Family:

Publication number	Publication date	Application number	Application date
US3823887 A	19740716	US19710211319	19711223
US3853279 A	19741210	US19730334844	19730222

Probable Assignee: GERSTEIN D

Assignee(s):(std)**:** GERSTEIN D

Assignee(s): GERSTEIN D US

Inventor(s):(std)**:** GERSTEIN D

Inventor(s): GERSTEIN D US

International class (IPC 8–9): B26D9/00 B26F3/00 B65H19/22 B65H35/00 B65H39/16 (Advanced/Invention); B26D9/00 B26F3/00 B65H19/22 B65H35/00 B65H39/00 (Core/Invention)

International class (IPC 1–7): B65H35/02

CPC: B65H2408/23152 Y10S242/03 B26D9/00 B26F3/002 B65H19/2284 B65H35/00 B65H39/16 B65H2301/4148 B65H2301/41486 B65H2301/41487 B65H2701/1846

European class: B26D9/00 B26F3/00B B65H19/22D B65H35/00 B65H39/16 L65H301/4148 L65H301/41486 L65H301/41487 L65H408/2315A L65H701/1846

US class: 242/5.6.2 242/521 242/524.1 242/526.1 242/530.2 242/530.4 242/532.2 242/533.5 242/548 242/581 242/598.2 242/DIG.3

Classification Explorer

Cited documents: US3680806 A, US3096039 A, US3029073 A, US2956799 A, US2736508 A, US2712933 A, US2585226 A, US2575631 A, US2366999 A, US2328109 A, US2237759 A,

0) CH306071A – PROCEDE DE FABRICATION DE CARTON ONDULE, INSTAL...

29) Family number: 26372147 (CH306071A) © PatBase

Title: PROCEDE DE FABRICATION DE CARTON ONDULE, INSTALLATION POUR LA MISE EN OEUVRE DE CE PROCEDE, ET CARTON ONDULE OBTENU AU MOYEN DUDIT PROCEDE. METHOD OF MANUFACTURING CORRUGATED, INSTALLATION FOR IMPLEMENTING THE METHOD, AND CORRUGATED OBTAINED BY USING THE SAME. (Machine translation)

Priority: 19511103 19520927

Family:

Publication number	Publication date	Application number	Application date
CH306071 A	19550331		19521101

Probable Assignee: PACKAGING MATERIALS CORP

Assignee(s):(std)**:** PACKAGING MATERIALS CORP

Inventor(s):(std)**:** MATERIALS CORPORATION PACKAGIN ; MATERIALS PACKAGIN CORP

Inventor(s): PACKAGING MATERIALS CORP ; CORPORATION PACKAGING MATERIALS

International class (IPC 8–9): D21F11/12 (Advanced/Invention); D21F11/00 (Core/Invention)

International class (IPC 1–7): D21J1/10

CPC: D21F11/12

European class: D21F11/12

Classification Explorer

0) WO12087209A1 – METHOD FOR MAKING BOXER–TYPE BRIEFS AND BOXER–T...

30) Family number: 51343589 (WO12087209A1) © PatBase

Title: METHOD FOR MAKING BOXER–TYPE BRIEFS AND BOXER–TYPE BRIEFS PRODUCED ACCORDING TO THE METHOD

Priority: WO2010SE51463 20101222

Family:

Publication number	Publication date	Application number	Application date
WO12087209 A1	20120628	WO2010SE51463	20101222

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std)**:** BAECK LUCAS ; CARLSON ULRIKA ; NILSSON LENNART ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s):(std)**:** BAECK LUCAS ; CARLSON ULRIKA ; NILSSON LENNART

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8–9): A41B9/02 A61F13/496 (Advanced/Invention)

CPC: A61F13/496 A61F13/15804

Classification Explorer

Cited documents: WO08141658 A1, US3678516 A, US2004107481 AA, US2004098791 AA,

0) DE2437111A1 – VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG UND V...

31) Family number: 2161792 (DE2437111A1) © PatBase

Title: VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG UND VERPACKUNG IMPRAEGNIERTER TUECHER AUS FASERSTOFF O.DGL. PACKAGING PROCEDURE FOR IMPREGNATED TISSUES – CONTINUOUS TISSUE LENGTH IS PERFORATED, IMPREGNATED AND PACKAGED

Priority: DE19742437111 19740801

Family:

Publication number	Publication date	Application number	Application date
DE2437111 A1	19760212	DE19742437111	19740801

Probable Assignee: GERSTEIN DAVID E

Assignee(s):(std)**:** GERSTEIN DAVID E

Assignee(s): GERSTEIN DAVID E FOREST HILLS N Y V ST A

Inventor(s):(std)**:** GERSTEIN DAVID E

Inventor(s): GERSTEIN DAVID E FOREST HILLS N Y V ST A

International class (IPC 8–9): B65B17/00 B65B63/00 B65B63/04 (Advanced/Invention); B65B17/00 B65B63/00 (Core/Invention)

International class (IPC 1–7):	B65B63/04
CPC:	B65B17/00 B65B63/00 B65B63/04
European class:	B65B17/00 B65B63/00 B65B63/04

Classification Explorer

0) EP0695709A2 – ADHESIVE TAPE FOR FASTENING THE LEADING END OF ...

32) Family number: 15200639 (EP0695709A2) © PatBase

Title:	ADHESIVE TAPE FOR FASTENING THE LEADING END OF A PAPER WEB OF A REPLACEMENT PAPER WEB ROLL
Priority:	DE19944423387 19940704

Family:

Publication number	Publication date	Application number	Application date
AT200466 E	20010415	AT19950110216T	19950630
DE4423387 A1	19960111	DE19944423387	19940704
DE4423387 C2	19960620	DE19944423387	19940704
EP0695709 A2	19960207	EP19950110216	19950630
EP0695709 A3	19970910	EP19950110216	19950630
EP0695709 B1	20010411	EP19950110216	19950630

Probable Assignee:	KOENIG AND BAUER AG
Assignee(s):(std):	KOENIG AND BAUER ALBERT AG ; KOENIG AND BAUER ALBERT AKTIENGE ; KOENIG AND BAUER AG
Assignee(s):	KOENIG AND BAUER AKTIENGESELLSCHAFT ; KOENIG AND BAUER ALBERT AKTIENGESELLSCHAFT ; KOENIG AND BAUER ALBERT AKTIENGESELLSCHAFT 97080 WUERZBURG DE
Inventor(s):(std):	TRUTSCHEL HARTWIG ; TRUTSCHEL HARTWIG HORST
Inventor(s):	TRUTSCHEL HARTWIG 97076 WUERZBURG DE
Designated states:	AT CH FR GB IT LI
International class (IPC 1–7):	B65H19/10 B65H19/18 C09J7/02
CPC:	B65H19/102 B65H2301/4607 C09J7/041
European class:	B65H19/10A C09J7/04B L65H301/4607

Classification Explorer

Cited documents:	US4905924 A, US4768810 A, US2149833 A, GB2235883 A1, EP0555772 A1, EP0418527 A2, DE9201286 U, DE4210329 A1, DE4033900 A1,

0) US6363530B – DISPOSABLE BIB

33) Family number: 20652077 (US6363530B) © PatBase

Title: Disposable bib

Priority: US19960030100P 19961031 US19970034674P 19970110 US19970948572 19971010 WO1997US19272 19971024

Family:

Publication number	Publication date	Application number	Application date
AT224653 E	20021015	AT19970911918T	19971024
AU199749184 A1	19980522	AU19970049184	19971024
BRPI9712701 A	19991026	BR1997PI12701	19971024
CA2270480 AA	19990429	CA19972270480	19971024
CA2270480 C	20050201	CA19972270480	19971024
CN1238664 A	19991215	CN19971080062	19971024
DE69715894 D1	20021031	DE19976015894	19971024
DE69715894 T2	20030430	DE19976015894T	19971024
EP0936882 A1	19990825	EP19970911918	19971024
EP0936882 B1	20020925	EP19970911918	19971024
ES2180029 T3	20030201	ES19970911918T	19971024
JP2000504380 T2	20000411	JP19980520615T	19971024
KR20000052850 A	20000825	KR19997003684	19990427
TH32276 A	19990225	TH19971004395	19971029
TW349853 B	19990111	TW19970116835	19971111
US6363530 BA	20020402	US19970948572	19971010
WO9818353 A1	19980507	WO1997US19272	19971024
ZA9709776 A	19980522	ZA19970009776	19971030

Probable Assignee: HAMCO INC

Assignee(s):(std)**:** PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE CO ; REINHART RICHARD NICHOLAS JR ; AHR NICHOLAS ALBERT ; CIT GROUP COMMERCIAL SERVICES INC ; GUPTA AMIT ; PROCTER AND GAMBLE CO ; HAMCO INC ; LEWIS ROBERT DRENNAN ; JACKSON BEVERLY ANN JULIAN ; LAMPSON PATRICIA LEE

Inventor(s):(std)**:** AHR ALBERT ; AHR NICHOLAS ALBERT ; GUPTA AMIT ; JACKSON ANN ; JACKSON BEVERLY ANN JULIAN ; LAMPSON LEE ; LAMPSON PATRICIA LEE ; LEWIS DRENNAN ; LEWIS ROBERT DRENNAN ; REINHART JR RICHARD NICHOLAS ; PATRICIA LEE LAMPSON ; PATRICIA L LAMPSON ; NICHOLAS ALBERT AHR ; LAMPSON PATRICIA L ; JR RICHARD NICHOLAS REINHART ; JACKSON BEVERLY A J ; BEVERLY ANN JULIAN JACKSON ; BEVERLY A J JACKSON ; AMIT GUPTA ; REINHART NICHOLAS ; REINHART RICHARD NICHOLAS JR ; ROBERT DRENNAN LEWIS

Inventor(s): RICHARD NICHOLAS REINHART JR ; LEWIS ROBERT DRENNAN AND

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TG TJ TM TR TT UA UG UZ VN YU ZW

International class (IPC 8–9): A41B13/10 A41D13/04 (Advanced/Invention); A41B13/10 A41D13/04 (Advanced/Non–invention); A41B13/10 (Core/Non–invention); A41B A61F B32B (Subclass/Invention)

International class (IPC 1–7): A41B A41B13/00 A41B13/10 A41D13/04 A61F B32B

CPC: A41B13/103 A41B2400/52 A41B13/10

European class: A41B13/10 A41B13/10B K41B400/52

US class: 2/49.1 2/49.2 2/49.4

Classification Explorer

Cited documents:

US5672056 A, US5650214 A, US5620430 A, US5518801 A, US5167897 A, US5156793 A, US5143679 A, US5074013 A, US4884299 A, US4846822 A, US4834741 A, US4797952 A, US4646365 A, US4523334 A, US4523333 A, US4495658 A, US4445231 A, US4441212 A, US4416025 A, US4186443 A, US4107364 A, US3979776 A, US3916447 A, US3654629 A, US3608092 A, US3329969 A, US3286279 A, US2174694 A, US1980436 A, FR2430203 A1, BE563865 A, BE563865,

0) US2012051669A – SYSTEM AND METHOD FOR A MULTI–USE GIFT PRESENTA...

34) Family number: 50740870 (US2012051669A) © PatBase

Title: SYSTEM AND METHOD FOR A MULTI–USE GIFT PRESENTATION SYSTEM

Priority: US20100375571P 20100820 US20110213716 20110819

Family:

Publication number	Publication date	Application number	Application date
US2012051669 AA	20120301	US20110213716	20110819
US9630748 BB	20170425	US20110213716	20110819

Probable Assignee: MARCIANA EXPRESSIONS

Assignee(s):(std)**:** KELLER JANET T ; MARCIANA EXPRESSIONS

Inventor(s):(std)**:** KELLER JANET T

International class (IPC 8–9)**:** B65D30/20 B65D33/00 B65D33/16 B65D5/00 B65D81/36 (Advanced/Invention)

CPC: B65D31/10 B65D33/16 B65D81/368 B65D2203/00

European class: B65D31/10 B65D33/16 B65D81/36F L65D203/00

US class: 229/103 229/103S 383/4 383/4P

Classification Explorer

Cited documents: USD662543 S1, US7111736 BB, US6945450 BB, US6345912 BA, US6146018 A, US6045263 A, US6012842 A, US6000849 A, US5836095 A, US5613312 A, US5226532 A, US4930903 A, US4657176 A, US4417609 A, US4379519 A, US3006532 A, US2011274374 AA, US2009050505 AA, US2007138248 AA, US2007039849 AA, US2007007167 AA, US2004094610 AA, US2003091245 AA, US1612166 A,

0) FR1234639A – OUATE EN LAMES PREDECOUPEES POUR PANSEMENTS ET ...

35) Family number: 22638084 (FR1234639A) © PatBase

Title: OUATE EN LAMES PREDECOUPEES POUR PANSEMENTS ET APPLICATIONS ANALOGUES ET PROCEDE DE FORMATION DE LA LIGNE DE COUPE PADDING IN FOR DRESSING AND PRE–CUT BLADES SIMILAR APPLICATIONS AND METHOD OF FORMING THE CUTTING LINE (Machine translation)

Priority: FR19590804571 19590908

Family:

Publication number	Publication date	Application number	Application date
BE592829 A	19601031	BE19600592829	19600711
BE592829 A1	19601031	BE19600592829	19600711
FR1234639 A	19601018	FR19590804571	19590908

Probable Assignee: JACQUES ANDRE RENE WUHRLIN

Assignee(s):(std)**:** JACQUES ANDRE RENE WUHRLIN ; JEAN CHARLES ALBERT WUHRLIN

Inventor(s):(std)**:** JACQUES ANDRE RENE WUHRLIN ; JEAN CHARLES ALBERT WUHRLIN ; WUHRLIN JACQUES ANDRE RENE ; WUHRLIN JEAN CHARLES ALBERT

International class (IPC 8–9)**:** A61F13/00 (Advanced/Invention); A61F13/00 (Core/Invention)

CPC: A61F13/00004 A61F2013/00812 A61F2013/00842

European class: A61F13/00

Classification Explorer

0) EP0330592A1 – TEMPORARY PROTECTION FOR TOILET SEATS. ZEITWEIL...

36) Family number: 6108299 (EP0330592A1) © PatBase

Title: TEMPORARY PROTECTION FOR TOILET SEATS.

Priority: FR19880002663 19880226

Family:

Publication number	Publication date	Application number	Application date
EP0330592 A1	19890830	EP19890420066	19890221
FR2627687 A1	19890901	FR19880002663	19880226
FR2627687 B1	19900622	FR19880002663	19880226

Probable Assignee: ROUGEMONT JEAN

Assignee(s):(std)**:** ROUGEMONT JEAN

Inventor(s):(std)**:** ROUGEMONT JEAN

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

International class (IPC 8–9)**:** A47K13/16 (Advanced/Invention); A47K13/00 (Core/Invention)

International class (IPC 1–7)**:** A47K13/16

CPC: A47K13/16

European class: A47K13/16

Classification Explorer

Cited documents: US2025941 A, US1830344 A, US1744300 A, US1730047 A, US1592597 A, US1462662 A, FR443524 A, FR1407616 A,