

1) Family number: 30083018 (US2002017310A)

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Title: SEMI-ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBSTANCE ONTO A TARGET SURFACE

Abstract: A semi-enclosed applicator for distributing a substance onto a target surface including a first side having a first internal surface and a first external surface, a second side having a second internal surface and a second external surface, an internal cavity between said first and second sides, at least one externally accessible opening, and a flexible film reservoir containing a product. At least a portion of the flexible film reservoir of said flexible film reservoir is disposed between said external surfaces of said first side and said second side.

Classifications:

International (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 B05C3/04 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 A61Q1/02 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 (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 B65D81/3266 C11D17/041 A47K7/03 B65D83/0055 A61Q19/10 Y02W90/11

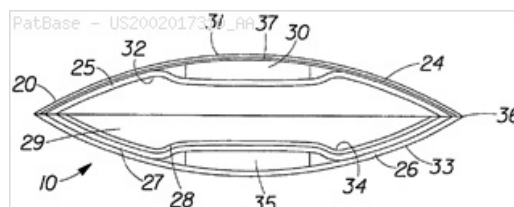
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European: A01N25/34 A45D34/04 A45D37/00 A45D40/00 A46B11/00A A46B5/04 A47K7/03 A47L1/15 A47L13/17 A47L13/18 A47L13/19 A61K8/02C A61M35/00 A61M35/00B A61M35/00B2 A61Q11/00 A61Q19/00 A61Q19/10 B05C17/00B B65D75/58G1 B65D81/32H1 B65D83/00B C11D17/04B K45D200/10B2 K45D200/10B6B K46B200/20 K61K201/113 K61K201/115 K61M205/36

US: 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

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): GARY CURTIS JOSEPH ; GRUENBACHER DANA PAUL ; JOSEPH CURTIS GARY ; PROCTER AND GAMBLE ; MANSKE THOMAS JAMES JR ; JOSEPH GARY CURTIS ; KEVIN JOE FIELDS ; PIYUSH NARENDA ZAVERI ; SHERRY ALAN EDWARD ; DAVIS JAMES HERBERT ; FIELDS KEVIN JOE ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; ZIMMERMAN DEAN ARTHUR ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZAVERI PIYUSH NARENDA

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Inventor(s): P N ZAVERI ; K J FIELDS ; G C JOSEPH ; DANA P GRUENBACHER ; ZAVERI PIYUSH NARENDRA AND ; KJ FIELDS ; JR THOMAS J ; DEAN ARTHUR ZIMMERMAN ; DAVIS JAMES ; JAMES H DAVIS ; GRUENBACHER DANA ; GC JOSEPH ; FIELDS KEVIN ; MANSKE THOMAS ; LAKE KIRK ; MANSKE ; MANSKE THOMAS JJR ; ZIMMERMAN ; ZAVERI PIYUSH ; PN ZAVERI ; PUNG DAVE ; PUNG DAVE JOHN ; SHERRY ALAN ; NARENDA ZAVERI PIYUSH ; JR THOMAS JAMES ; KEVIN J FIELDS ; GUENBACHER DANA PAUL ; JOE FIELDS KEVIN ; CURTIS GARY JOSEPH ; CURTIS JOSEPH GARY ; GRUENBACHER DANA PUAL ; DAVIS JAMES HERBET ; DIRKSING WILLIAM ; FIELDS K J YMANSKE THOMAS JAMES

Agent(s): PHILLIPS ORMONDE FITZPATRICK; KIRBY EADES GALE BAKER; GOWLING LAFLEUR HENDERSON LLP; DIMOCK STRATTON LLP; WILSON LUE LLP; MBM INTELLECTUAL PROPERTY LAW LLP; HARNECKER; SOGA MICHITERU; SOGA MICHIHARU; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; BRIDGET; PETER D; STEVEN W; THIBAUT; MARK A; KIM W; LARRY L; KIM WILLIAM ZERBY

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

2) Family number: 34669025 (US2002096533A)

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Title: Storage and dispensing package for wipes

Abstract: A storage and dispensing package for wipes comprising a non-rigid container having sides which define a cavity. A collapsible-expandable baffle structure having a width is positioned within the sides of the container and divides the cavity into a storage portion for wipes and a dispensing portion. The baffle structure includes a dispensing orifice through which wipes can pass and communicate with the dispensing portion. A resealable mechanism can also be included at an end of the package.

Classifications:

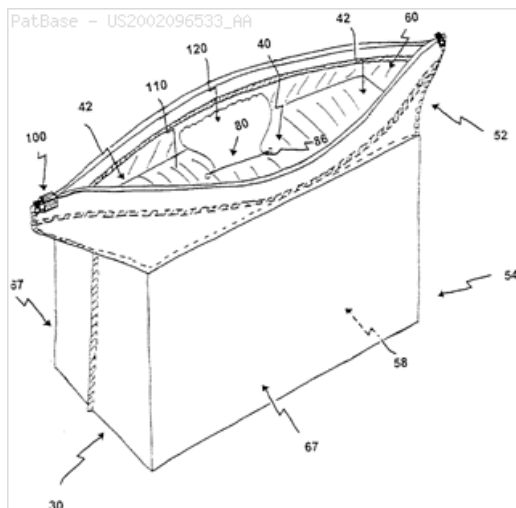
International (IPC 8-9): A47K1/00 A47K10/24 A47K10/42 A47K7/00
B65D30/10 B65D33/24 B65D33/25 B65D77/12 B65D83/08
B65H1/00 (Advanced/Invention);
A47K10/42 (Advanced/Non-invention);
A47K10/24 (Core/Invention)

International (IPC 1-7): A47K1/00 A47K10/18 A47K10/24
A47K10/42 A47K7/00 B65D33/24 B65D33/25 B65D77/12 B65D83/00
B65D83/08 B65H1/00

CPC: A47K2010/428 B65D33/2591 B65D83/0805

European: B65D33/25C B65D83/08B K47K10/42F

US: 206/233 221/47 221/48 221/63 221/63P 221/64 221/97



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US20010769184 20010124 US20010813536 20010321 WO2002US02101 20020123
 WO2002US02101 20030723

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; FRYER DENNIS EDWARD ; AMUNDSON JOHN DAVID ; BOOTH PETER ; BUNCE MARTIN CHRISTOPHER

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Inventor(s): AMUNDSON JOHN D ; PETER ; AMUNDSON ; PETER BOOTH ; JOHN DAVID AMUNDSON ; DENNIS EDWARD FRYER ; BOOTH ; BUNCE ; BUNCE MARTIN C ; MARTIN C ; JOHN D ; FRYER DENNIS E ; FRYER ; DENNIS E

Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; PORZIO

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

3) Family number: 30499082 (US2004075015A)

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Title: DISPENSING APPARATUS FOR WEB MATERIAL

Abstract: A dispensing apparatus for web materials is disclosed. The dispensing apparatus comprises a support element adapted to support a supply of web material, a first dispensing rib, a second dispensing rib opposing the first dispensing rib, and a turning rib. The first dispensing rib and the second dispensing rib define a dispensing orifice. The turning rib is disposed parallel to the dispensing orifice and occludes the dispensing orifice.

Classifications:

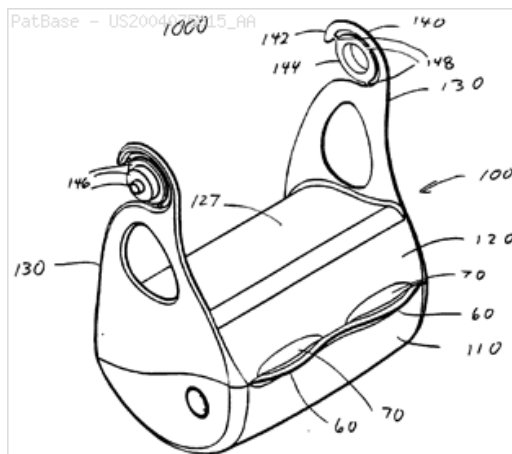
International (IPC 8-9): A47K10/38 B65H16/02 (Advanced/Invention);
 A47K10/24 B65H16/00 (Core/Invention)

International (IPC 1-7): A47K10/38 B65H16/02

CPC: A47K10/38

European: A47K10/38

US: 221/303 242/595



Family:

Publication number	Publication date	Application number	Application date
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WO04037061 A1	20040506	WO2003US31281	20031003

Priority:

US20020273874 20021018 WO2003US31281 20031003

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO

Assignee(s): SHAW JASON PATRICK ; THE PROCTER AND GAMBLE COMPANY ; YELTON DONALD WILLIAM ; WALTHER JOHN DWAYNE ; SNYDER SHAWN CHARLTON ; CAIN KARA MARIE ; DOLAN JENNIFER HOPE ; GOODALL JOHN PATRICK ; JONES JASON MERRILL

Inventor(s): (std): CAIN KARA MARIE ; DOLAN JENNIFER HOPE ; DONALD WILLIAM YELTON ; GOODALL JOHN PATRICK ; JASON MERRILL JONES ; JASON PATRICK SHAW ; JENNIFER HOPE DOLAN ; JOHN DWAYNE WALTHER ; JOHN PATRICK GOODALL ; JONES JASON MERRILL ; KARA MARIE CAIN ; SHAW JASON PATRICK ; SHAWN CHARLTON SNYDER ; SNYDER SHAWN CHARLTON ; WALTHER JOHN DWAYNE ; YELTON DONALD WILLIAM

Agent(s): DIMOCK STRATTON LLP; DAVID K; KEN K; DAVID M

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

4) Family number: 29088090 (WO03078286A1)

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Title: APPARATUS AND METHOD TO DISPENSE FLEXIBLE MATERIAL

Abstract: A powered dispenser for dispensing individual sheet segments from a continuous roll of sheet material. The sheet material (17) has spaced tear lines (19). The dispenser (1) has a releasable powered drive mechanism (47) and a power supply system (95, 97). There is a pair of towel sensors (111, 113) to sense the presence of sheet material (17) in a discharge chute (41). The sensors (111, 113) are coupled with a microprocessor (115) to detect a leading edge of the material (17). Utilizing signals from the sensors (111, 113) and a capacitive sensing system (C10, C12), the system senses the presence of a user.

Classifications:

International (IPC 8-9): A47K10/26 A47K10/36 A47K10/38 B26F3/02

B65H1/00 B65H16/10 B65H35/00 G01V3/08

H03K17/955 (Advanced/Invention);

G01V8/12 (Advanced/Non-invention);

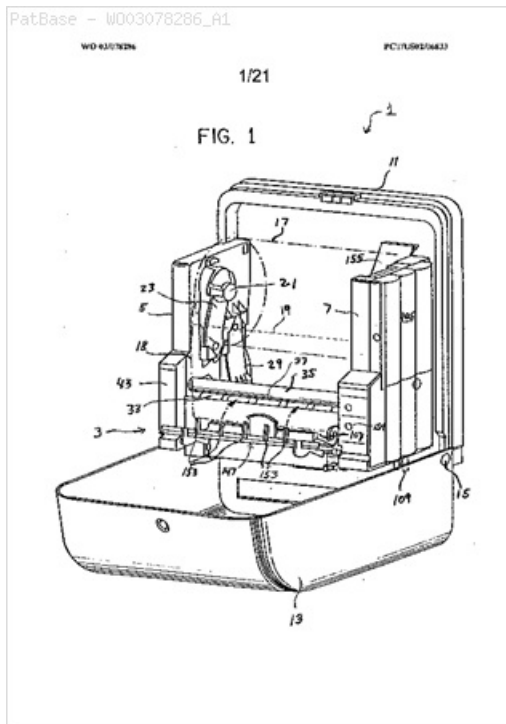
A47K10/24 B26F3/02 B65H1/00 B65H16/00

B65H35/00 (Core/Invention)

International (IPC 1-7): B26F3/02 B65H1/00

CPC: A47K10/3612 A47K10/3625

European: A47K10/36

**Family:**

Publication number	Publication date	Application number	Application date
AU2002252213 AA	20030929	AU20020252213	20020307
CA2477599 AA	20040827	CA20022477599	20020307
CA2477599 C	20100525	CA20022477599	20020307
CA2688797 AA	20030925	CA20022688797	20020307
CA2688797 C	20110510	CA20022688797	20020307
WO03078286 A1	20030925	WO2002US06833	20020307

Priority:

CA20022477599 20020307 CA20022688797 20020307 WO2002US06833 20020307
CA20102477599 20100120

Probable Assignee: GEORGIA PACIFIC RESIN INC

Assignee(s): (std): GEORGIA PACIFIC CORP ; MORRIS ANDREW R ; MURPHY JAMES H ; SUSI MICHAEL A ; ISAKSSON WILL ; GEORGIA PACIFIC RESIN INC ; BOONE BRUCE T ; DOWD PAUL ; FORMON JOHN S ; GAHRIS DAVID ; GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC

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

Inventor(s): (std): DOWD PAUL ; FORMON JOHN S ; GAHRIS DAVID ; ISAKSSON WILL ; BOONE BRUCE T ; MORRIS ANDREW R ; MURPHY JAMES H ; SUSI MICHAEL A

Inventor(s): WILL ISAKSSON ; ANDREW R MORRIS ; PAUL DOWD ; BRUCE T BOONE ; DAVID GAHRIS ; JAMES H MURPHY ; JOHN S FORMON ; MICHAEL A SUSI

Agent(s): OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL

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 US UZ VN YU ZA ZM ZW

5) Family number: 28270105 (US2002195764A)

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Title: STACK OF FAN FOLDED MATERIAL AND COMBINATIONS THEREOF

Abstract: The invention relates to a stack of fan folded material and related systems and processes. The stack includes at least two clips of fan folded material. Each clip includes a plurality of fan folded sheets, with each sheet joined to at least one adjacent sheet by a weakened line. Each clip is joined to an adjacent clip by a last sheet of one clip being separably joined to a first sheet of a succeeding clip.

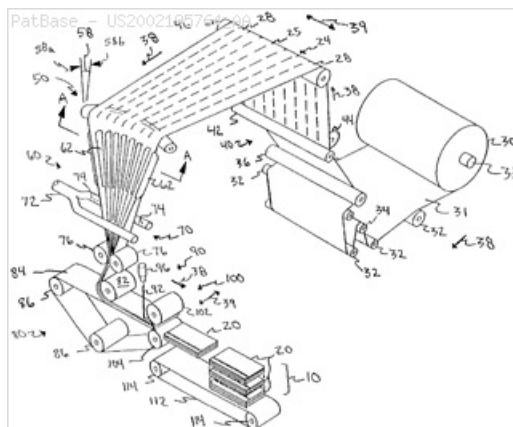
Classifications:

International (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);
A47K1/00 A47K10/00 A47K10/24 B31D1/00 B31D5/00 B65H37/04
B65H39/00 B65H45/00 B65H45/12 B65H45/28 (Core/Invention)

International (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: A47K10/42 B65H37/04 B65H39/16 B65H45/22
B65H45/28 K47K10/32W K47K10/42F

US: 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



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
DE60223534 D1	20071227	DE20026023534T	20020531
DE60223534 T2	20080918	DE20026023534T	20020531
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
WO20096255 A1	20021205	WO2002US16996	20020531

Priority:

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

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

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

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

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

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

Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; PORZIO; BENDEL MICHAEL J; BAUM SCOTT A; SCOTT A; MICHAEL 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 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

6) Family number: 42975105 (US2009057329A)

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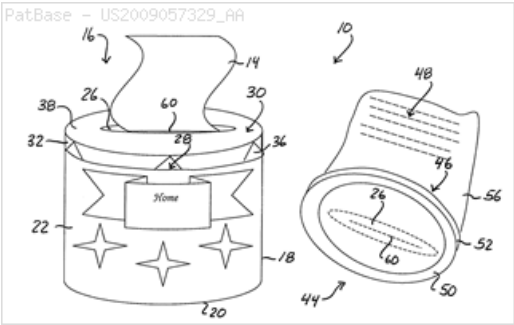
Title: REFILLABLE DISPENSING CARTON SYSTEM

Abstract: A dispenser system for dispensing a clip of stack sheets of a web material includes an upright carton body with a clip of the stacked sheets carried within the carton body. A first lid is non-removably attached to the carton body such that the first lid cannot be removed from the carton body without permanent deformation of the first lid or the carton body. The first lid includes a sacrificial separation portion configured to allow a user to separate at least a section of the first lid from the carton body after depletion of the initial clip. A replacement lid assembly includes lid structure and a replacement clip of stacked sheets of web material. The lid structure is attachable to the carton body or a remaining portion of the first lid.

Classifications:

International (IPC 8-9): A47K A47K10/42 B65D B65D33/38
B65D73/00 B65D77/04 B65D83/08 B65H3/02 (Advanced/Invention);
A47K10/24 B65D33/36 B65D73/00 B65D77/04 B65D83/08

B65H3/02 (Core/Invention);
A47K10/42 (Core/Non-invention)
CPC: A47K10/421 B65D83/0805
European: A47K10/42B B65D83/08B
US: 206/494 221/26 221/33



Family:

Publication number	Publication date	Application number	Application date
AU2008291797 AA	20090305	AU20080291797	20080709
AU2008291797 BB	20130509	AU20080291797	20080709
BRPI0815240 A2	20150331	BR2008PI15240	20080709
CN101790485 A	20100728	CN200880104695	20080709
CN101790485 B	20120822	CN200880104695	20080709
EP2183171 A2	20100512	EP20080789253	20080709
HK1140734 A1	20101022	HK20100106600	20100707
KR20100053583 A	20100520	KR20107004309	20080709
MX2010001234 A1	20100301	MX20100001234	20080709
TW200934435 A	20090816	TW20080131077	20080815
US2009057329 AA	20090305	US20070848355	20070831
WO09027880 A2	20090305	WO2008IB52771	20080709
WO09027880 A3	20090507	WO2008IB52771	20080709

Priority:

US20070848355 20070831 WO2008IB52771 20080709

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): CLOUGH JANE L ; GRUBB JR DANIEL S ; HENDERSON CYNTHIA W ; KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; SCHLAUPITZ ROBERT S ; LONG LESLIE T

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

Inventor(s): (std): CLOUGH JANE L ; CLOUGH JANE L ; GRUBB DANIEL S ; GRUBB DANIEL S JR ; GRUBB JR DANIEL S ; HENDERSON CYNTHIA W ; JR ; LONG LESLIE T ; SCHLAUPITZ ROBERT S

Inventor(s): ROBERT S SCHLAUPITZ ; LESLIE T LONG ; JANE L CLOUGH ; JANE L CLOUGH ; CYNTHIA W HENDERSON ; DANIEL S GRUBB ; DANIEL S GRUBB JR

Agent(s): SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT; CHINA PATENT AGENT HK LTD; DORITY AND MANNING PA; BONDURA STEPHEN E

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

7) Family number: 65808120 (WO17086842A1)

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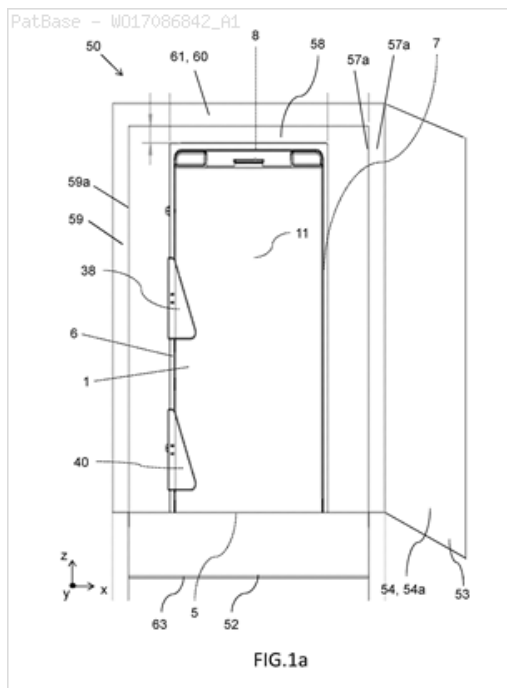
Title: INSERT DISPENSER FOR SHEET PRODUCTS, CABINET FOR MOUNTING AN INSERT DISPENSER AND USE OF INSERT DISPENSER IN A CABINET

Abstract: The present disclosure relates to an insert dispenser (1) intended for installation in a cabinet (50). The dispenser comprises a frame (10) partly defining an interior volume (11) for supporting a stack of sheets products, said frame having a frame panel portion (6, 7, 8) extending in a transverse direction (Y) and provided with first and second opposite transverse edge surfaces (14, 16), said dispenser further comprises a dispensing opening (5). Moreover, said dispenser (1) further comprises an abutment panel (38) extending in the transverse direction (Y) and having an abutment surface (37) for abutting a cabinet front door surface (54a) and a frame facing surface (39) connected to said first transverse edge surface (14) of the frame panel portion. The present disclosure further relates to a cabinet comprising a cabinet front door (54), a housing (60) defining an inner depth (E) in a transverse direction (Y), a dispensing outlet (52) for sheet products and an insert dispenser (1) comprising a dispensing opening (5).

Classifications:

International (IPC 8-9): A47K10/42 (Advanced/Invention)

CPC: A47K10/42 A47K2010/3233



Family:

Publication number	Publication date	Application number	Application date
■ CN108366703 A	20180803	CN201580084600	20151116
■ EP3376926 A1	20180926	EP20150908893	20151116
■ WO17086842 A1	20170526	WO2015SE51219	20151116

Priority:

WO2015SE51219 20151116

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): LARSSON BJOERN ; LARSSON BJORN ; WALLENUS HANS

Agent(s): NEDERLANDSCH OCTROOIBUREAU; ZACCO SWEDEN AB

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

8) Family number: 32507125 (US2005279756A)

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Title: WIPES DISPENSING SYSTEM

Abstract: Provided is a wipes dispensing system including a dispenser having a dispensing aperture, a pouch containing an interleaved stack of wipes or a rolled perforated web of wipes contained within the dispenser and accessed through the dispensing aperture, and a mounting element for mounting the dispenser to a mounting surface. The wipes dispensing system may further include a pivotable dispensing lid that closes against the dispensing aperture and seals the wipes from the outside environment when the wipes dispensing system is not in use.

Classifications:

International (IPC 8-9): A47K10/24 A47K10/42

B65H1/00 (Advanced/Invention);

A47K10/32 (Advanced/Non-invention);

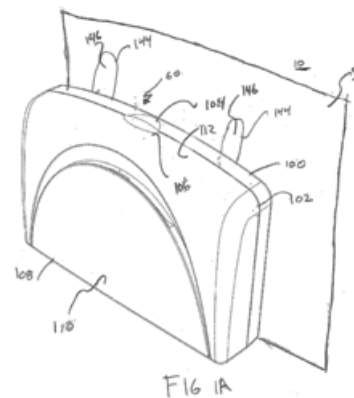
A47K10/24 B65H1/00 (Core/Invention)

International (IPC 1-7): A47K10/24 B65H1/00

CPC: A47K10/24 A47K10/426 A47K2010/3266

European: A47K10/42D K47K10/32W

US: 221/45 221/45P 221/62 221/63

**Family:**

Publication number	Publication date	Application number	Application date
US2005279756 AA	20051222	US20040870656	20040616
US2005279757 AA	20051222	US20040004681	20041203
US7530472 BB	20090512	US20040870656	20040616

Priority:

US20040870656 20040616 US20040004681 20041203

Probable Assignee: CLOROX CO

Assignee(s): (std): BAACK AUDY L ; BITOWFT BRUCE K ; CHIANG CHIH H ; CLOROX CO ; OUELLETTE WILLIAM ; SHAPAS TED ; TIMMONS JOE

Assignee(s): THE CLOROX COMPANY

Inventor(s): (std): TIMMONS JOE ; SHAPAS TED ; OUELLETTE WILLIAM ; CHIANG CHIH H ; BITOWFT BRUCE K ; BAACK AUDY L

Agent(s): THE CLOROX COMPANY; PETERSON DAVID; DAVID

9) Family number: 28216180 (US2002118993A)

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Title: Semi-enclosed applicator for distributing a substance onto a target surface

Abstract: A semi-enclosed applicator, such as a mitt, for distributing a substance onto a target surface. The mitt has a first layer, a second layer in face-to-face contact with the first layer, and a third layer in face to face contact with the second layer. The first and second layers are positioned to form a cavity to allow for a product dispensing reservoir to be placed. The first layer, second layer and reservoir are removably attached to the third layer for removal by the user after use.

Classifications:

International (IPC 8-9): A47L13/19 A47L13/22 B05C17/00

B65D25/38 B65D83/00 (Advanced/Invention);

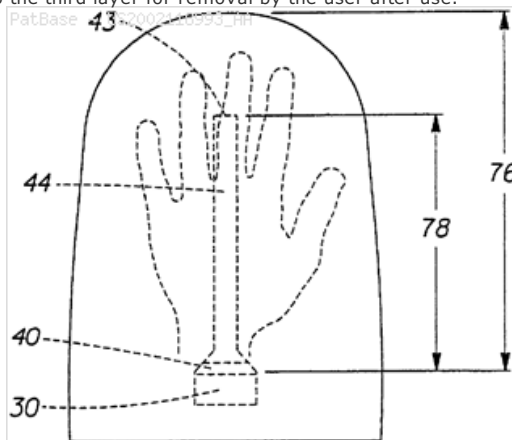
A47L13/16 A47L13/20 B05C17/00 (Core/Invention)

International (IPC 1-7): A47K7/02 A47L13/19 A47L13/22 B05C17/00 B43K5/14

CPC: A47L13/19

European: A47L13/19

US: 401/132 401/134 401/196 401/201 401/205 401/7

**Family:**

Publication number	Publication date	Application number	Application date
AR033419 AA	20031217	AR2002P100663	20020226
AU2002245509 AA	20020912	AU20020245509	20020222
CA2433625 AA	20030630	CA20022433625	20020222
CL2002000351 A1	20021217	CL20020000351	20020225
EP1372453 A1	20040102	EP20020713671	20020222

JP2004526487 T2	20040902	JP20020567135T	20020222
PE09412002 A1	20021216	PE20020000151	20020222
US2002118993 AA	20020829	US20010793161	20010226
US6588961 BB	20030708	US20010793161	20010226
WO02067758 A1	20020906	WO2002US05437	20020222
WO02067758 C1	20031224	WO2002US05437	20020222

Priority:

US20010793161 20010226 WO2002US05437 20020222

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): HANEY CARL P ; LAFOSSE MARIN ISABELLE ; MENDOZA PEDRO M ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE CO ; MENDOZA PEDRO MIGUEL ; HANEY CARL PHILLIP

Inventor(s): (std): MENDOZA PEDRO MIGUEL ; MENDOZA PEDRO M ; LAFOSSE MARIN ISABELLE ; HANEY CARL PHILLIP ; HANEY CARL P

Agent(s): KIRBY EADES GALE BAKER; HARNECKER; NAGAI HIROSHI

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 ZW

10) Family number: 58073182 (WO14200394A1)

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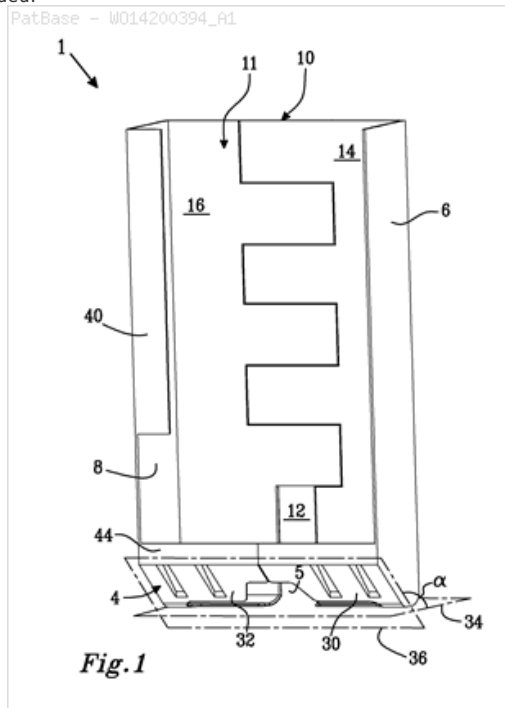
Title: DISPENSER FOR A STACK OF WEB MATERIAL

Abstract: A dispenser (1) is provided, the dispenser comprising a support arrangement (4) for supporting a stack of sheets of web material arranged at a dispensing end of the dispenser, a first side wall (6), a second side wall (8), and a third side wall (10) extending between the first and second side walls (6, 8), wherein the first, second and third side walls (6, 8, 10) form a storage compartment (11) for receiving the stack of sheets of web material. The third side wall (10) comprises a first wall element (14) extending from the first side wall (6) towards the second side wall (8) and a second wall element (16) extending from the second side wall (8) towards the first side wall (6), wherein the first and second wall elements (14, 16) form separate elements being adjustable in relation to each other to permit setting a distance between the first and second side walls (6, 8). Further, a cabinet comprising the dispenser is provided.

Classifications:

International (IPC 8-9): A47K10/42 (Advanced/Invention)

CPC: A47K10/424 A47K2010/3233



Family:

Publication number	Publication date	Application number	Application date
WO14200394 A1	20141218	WO2013SE50657	20130610

Priority:

WO2013SE50657 20130610

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): LARSSON BJOERN

Agent(s): VALEA AB

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

Title: STACK OF WEB MATERIAL FOR HYGIENE PRODUCTS

Abstract: A of web material for hygiene products includes at least one folded continuous web material, and a first connector and a second connector, adapted for interconnection of the first end surface of the stack to a second end surface of another, similar stack. The first connector includes a first connection surface consisting of a first material, and the second connector includes a second connection surface consisting of a second material; said first and second materials having properties that, upon bringing said first and second surfaces into contact with each other, the surfaces attach to each other by surface adhesion so that the surfaces are repeatedly removable from and reattachable to each other while leaving the surfaces substantially unaltered, whereby a connection between a first/second connector of the stack and a second/first connector of a similar stack is accomplished.

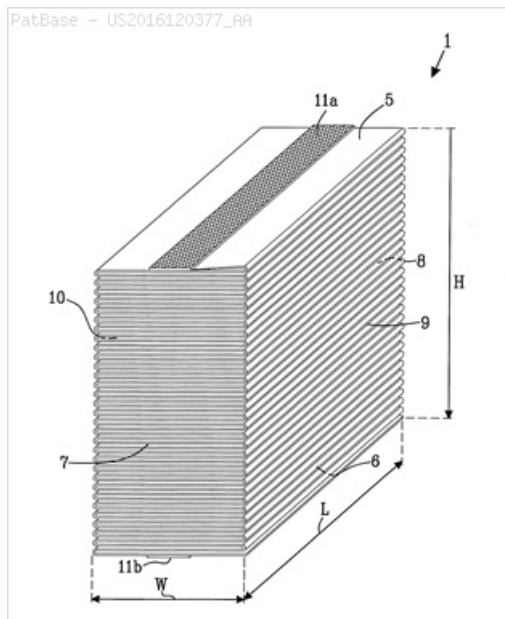
Classifications:

International (IPC 8-9): A47K10/42 B32B3/06 B65D65/02

B65D83/08 B65D85/62 B65H45/24 (Advanced/Invention)

CPC: A47K10/42 B65D65/02 B65D85/62 A47K2010/428 B65H45/24 B65D83/0894 A47K10/16

US: 29/428 428/99



Family:

Publication number	Publication date	Application number	Application date
■ CN105263381 A	20160120	CN201380077273	20130610
■ DE602013041410 D1	20180830	DE201360041410T	20130610
■ EP3007600 A1	20160420	EP20130886656	20130610
■ EP3007600 A4	20161214	EP20130886656	20130610
■ EP3007600 B1	20180801	EP20130886656	20130610
■ EP3007600 B8	20180912	EP20130886656	20130610
■ RU2015155598 A	20170713	RU20150155598	20130610
■ RU2626938 C2	20170802	RU20150155598	20130610
■ US2016120377 AA	20160505	US20130897131	20130610
■ US9808131 BB	20171107	US20130897131	20130610
■ WO14200395 A1	20141218	WO2013SE50658	20130610

Priority:

EP20130886656 20130610 WO2013SE50658 20130610

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): ANDERSSON INGER ; ELGLUND GUNNEL ; LARSSON BERN ; LARSSON BJOERN ; LARSSON BJORN

Agent(s): VALEA AB; BUCHANAN INGERSOLL AND ROONEY PC

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

Title: WET WIPE DISPENSER WITH IMPROVED ARC-SHAPED DISPENSING PARTITION

Abstract: A container for storing personal care articles comprising a lid structure attached to the container is disclosed. The lid structure has a top lid portion connected to a base lid portion. The base lid portion includes a rigid port surrounding a unitary dispensing partition extending in an x and z direction to the rigid port, the unitary dispensing partition having a dispensing slit formed therethrough. The unitary dispensing partition forms an arc extending a first depth into the interior of the container in a z-direction. The depth of the dispensing partition allows for the personal care article to be stored in a pop-up dispensing position with a larger portion of the personal care article extending from the dispensing slit. This allows for easier retrieval of the product by a consumer and less dispensing failures.

Classifications:

International (IPC 8-9): A47K A47K10/20 A47K10/24 A47K10/42

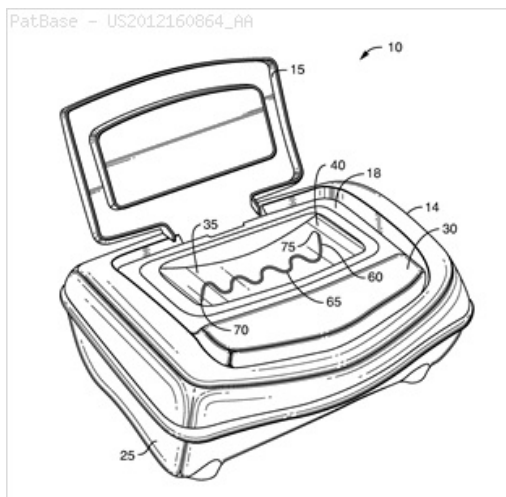
A47K7/00 B65D83/00 B65D83/04 B65D83/08

B65H1/00 (Advanced/Invention);

A47K10/20 A47K10/32 A47K7/00 (Advanced/Non-invention);

A47K (Subclass/Invention)

CPC: A47K10/421 A47K2010/3266
European: A47K10/42B B65D83/08B K47K10/32W
US: 206/20 206/204 206/210 206/812 221/282 221/282S 221/34 221/45 221/45P 221/46 221/48 221/62 221/63



Family:

Publication number	Publication date	Application number	Application date
AU2011346711 AA	20120628	AU20110346711	20111115
AU2011346711 BB	20160707	AU20110346711	20111115
BR112013015420 A2	20160920	BR20131115420	20111115
CN103269629 A	20130828	CN201180062497	20111115
CN103269629 B	20170609	CN201180062497	20111115
CO6731098 A2	20130815	CO20130146353	20130619
EP2654538 A2	20131030	EP20110851164	20111115
EP2654538 A4	20161019	EP20110851164	20111115
IL226443 A0	20130731	IL20110226443	20111115
IL226443 A1	20161229	IL20110226443	20111115
KR101838327 B1	20180426	KR20137015918	20111115
KR20140008318 A	20140121	KR20137015918	20111115
MX2013005830 A1	20130705	MX20130005830	20111115
RU2013133797 A	20150127	RU20130133797	20111115
RU2575000 C2	20160210	RU20130133797	20111115
US2012160864 AA	20120628	US20100976023	20101222
US8944279 BB	20150203	US20100976023	20101222
WO12085699 A2	20120628	WO2011B55109	20111115
WO12085699 A3	20120823	WO2011B55109	20111115

Priority:

US20100976023 20101222 WO2011B55109 20111115

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): BRINKDOPKE ANDREW DALE ; KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; SHOAF TIMOTHY WALTER ; SCHLAUPITZ ROBERT SAMUEL

Inventor(s): (std): SCHLAUPITZ ROBERT SAMUEL ; SHOAF TIMOTHY WALTER ; BRINKDOPKE ANDREW DALE

Inventor(s): ANDREW DALE BRINKDOPKE ; TIMOTHY WALTER SHOAF ; ROBERT SAMUEL SCHLAUPITZ

Agent(s): SPRUSON AND FERGUSON; J IAN RAISBECK; DAVIES CHRISTOPHER ROBERT; REINHOLD COHN AND PARTNERS; KIMBERLY CLARK WORLDWIDE INC; FOSTER ROBERT J ET AL

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

13) Family number: 30300207 (US2003070780A)

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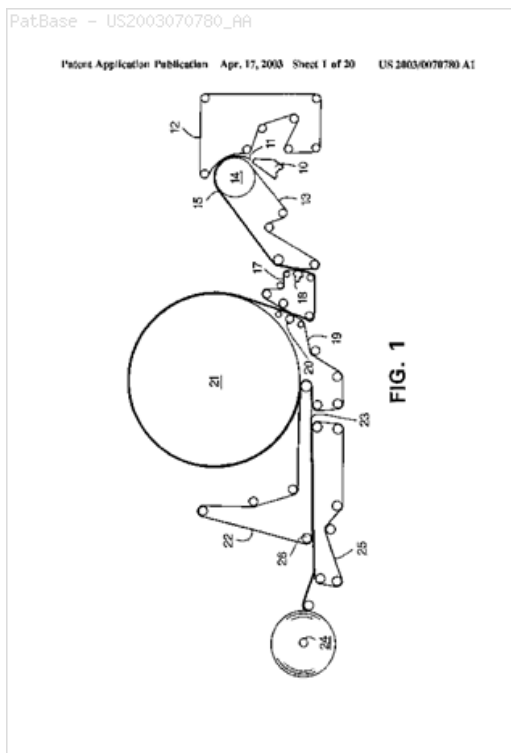
Title: WET-RESILIENT WEBS AND DISPOSABLE ARTICLES MADE THEREWITH

Abstract: Paper sheets useful for tissues, paper towels, napkins, disposable absorbent products and the like can be made to exhibit a high degree of wet resiliency. This property is achieved by using a combination of high yield pulp fibers (such as bleached chemithermomechanical pulp fibers) and a wet strength agent in an uncreped throughdrying process. The resulting product, when wetted, can spring back after being crumpled in one's hand.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/53 A61L15/00 A61L15/16 A61L15/60 B31F5/02 B32B23/02 B32B27/12 B32B5/26 B65D81/26 D04H1/02 D21F11/14 D21F3/02 D21H11/00 D21H11/02 D21H11/04 D21H11/06 D21H11/08 D21H11/12 D21H15/00 D21H21/14 D21H21/20 D21H21/22 D21H27/00 D21H27/40 (Advanced/Invention); A61F13/15 D21H11/00 D21H11/02 D21H11/08 D21H21/14 D21H21/20 D21H21/22 D21H27/00 (Advanced/Non-invention); A61F13/15 A61L15/16 B32B23/00 D21F11/00 D21F3/02 D21H11/00 D21H15/00 D21H21/14 D21H21/22 D21H27/00 (Core/Invention); D04H1/02 D21H11/00 (Core/Non-invention)
International (IPC 1-7): A47K10/16 A61F13/15 A61F13/20 A61F13/46 A61L15/00 A61L15/16 B32B27/12 B32B29/00 B32B29/06 B32B5/26 B65D81/26 D04H1/02 D21F11/02 D21F11/14 D21F3/02 D21H11/00 D21H11/04 D21H11/06 D21H11/08 D21H11/10 D21H11/12 D21H15/00 D21H17/28 D21H17/33 D21H21/20 D21H21/22 D21H27/00 D21H27/01 D21H27/02

CPC: Y10T428/266 Y10T428/269 Y10T428/27 Y10T428/24455
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A61F13/15203 A61L15/60 B31F5/022 B32B23/02 B65D81/264
D21F11/145 D21H11/02 D21H11/08 D21H21/20 D21H27/40
Y10T428/31982 Y10T428/31993 Y10T442/664 Y10T442/668
Y10T442/693 Y10T442/695 B32B23/04 B32B23/16 B32B2307/7145
B32B2307/758 B32B2439/70 D21F11/14
European: A61F13/15J A61F13/53 A61L15/60 B31F5/02B
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D21H11/08 D21H21/20 D21H27/40 N21H11/02 N21H21/20
US: 162/109 162/141 162/141S 162/142 162/142S 162/9 206/204
206/205 428/153 428/156 428/156S 428/171 428/171S 428/172
428/172S 428/337 428/339 428/340 428/535 428/537.5 442/385
442/389 442/412 442/413 604/375 604/378 604/378S



Family:

Publication number	Publication date	Application number	Application date
AT208446 E	20011115	AT19950930795T	19950804
AU199534042 A1	19960409	AU19950034042	19950804
AU199864789 A1	19980702	AU19980064789	19980507
AU199873910 A1	19981211	AU19980073910	19980518
AU693252 B2	19980625	AU19950034042	19950804
AU699325 B2	19981203	AU19980064789	19980507
BRPI9508850 A	19970812	BR1995PI08850	19950804
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CA2241820 AA	19990215	CA19982241820	19980731
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DE69523770 T3	20060713	DE19956023770T	19950804
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GB9621580 A0	19961204	GB19960021580	19950921
HU77587 A2	19980629	HU19980000211	19950804
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PL319271 A1	19970804	PL19950319271	19950804
RU2153036 C2	20000720	RU19970106509	19950804
RU97106509 A	19990420	RU19970106509	19970421
TH22778 A	19970107	TH19951000391	19950227
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US2003070780 AA	20030417	US20020154635	20020523
US6171695 BA	20010109	US19970858680	19970519
US6436234 BA	20020820	US19970912906	19970815
US6808790 BB	20041026	US20020154635	20020523
WO9609435 A1	19960328	WO1995US09942	19950804
WO9852745 A1	19981126	WO1998US10157	19980518

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Priority:

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AU19980064789	19980507	WO1998US10157	19980518	CA19982241820	19980731
US20020154635	20020523				

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLI KLARK UORLDVAJD INK ; KEMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK CORPUS ; KAMPS RICHARD JOSEPH ; LINDSAY JEFFREY DEAN ; KRESSNER BERNHARDT EDWARD ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLEY CLARK CORP ; BURAZIN MARK A ; BURAZIN MARK ALAN ; CHEN FUNG JOU ; FONTENOT MONICA CARLISE ; HERMANS MICHAEL ALAN ; HOLLENBERG DAVID H ; HOLLENBERG DAVID HENRY ; KAMPS RICHARD J

Inventor(s): (std): FONTENOT MONICA CARLISE ; FUNG JOU CHEN ; HERMANS MICHAEL ALAN ; HOLLENBERG DAVID H ; HOLLENBERG DAVID HENRY ; KAMPS JOSEPH ; KAMPS R J ; KAMPS RICHARD J ; KAMPS RICHARD JOSEPH ; KEHMPs RICHARD DZHOZE ; KHOLLENBERG DEHVID GENRI ; KRESSNER BERNHARDT EDWARD ; LINDSAY JEFFREY DEAN ; BURAZIN ALAN ; BURAZIN M A ; BURAZIN MARK A ; BURAZIN MARK ALAN ; CHEN FUNG DZHOU ; CHEN FUNG JOU

Inventor(s): DAVID HENRY HOLLENBERG ; M A BURAZIN ; MARK ALAN BURAZIN ; MONICA CARLISE FONTENOT ; R J KAMPS ; RICHARD JOSEPH KAMPS ; CHEN FUNG-DZHOU

Agent(s): SPRUDEN AND FERGUSON; ASPEN PHARMA PTY LTD; BORDEN LADNER GERVAIS LLP

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

14) Family number: 64526215 (US2018160867A)

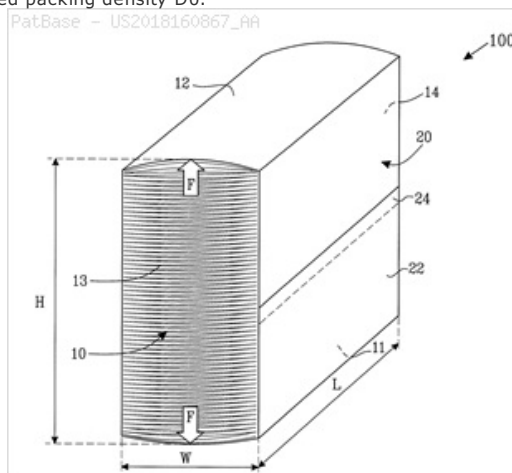
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Title: PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING

Abstract: A package including a stack of absorbent tissue paper material and a packaging, wherein, in the stack, the tissue material forms panels having a length, and a width perpendicular to the length, the panels being piled on top of each other to form a height extending between a first end surface and a second end surface of the stack; the absorbent tissue paper material including at least a dry crepe material, the stack, when in the package, having a selected packing density D0 of 0.25 to 0.65 kg/dm³, and exerting a force along the height of the stack towards the packaging, the packaging encircling the stack so as to maintain the stack in a compressed condition with the selected packing density D0.

Classifications:

International (IPC 8-9): A47K A47K10/16 B65B B65B25/14 B65B63/02 B65D71/06 B65D83/08 B65D85/07 (Advanced/Invention)
CPC: A47K10/20 A47K10/16 B65B25/14 B65B63/02 B65B63/026 B65D85/07



Family:

Publication number	Publication date	Application number	Application date
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AU2015399432 BB	20181206	AU20150399432	20150622
BR112017020950 A2	20180710	BR20171120950	20150622
CA2981245 AA	20170928	CA20152981245	20150622
CN107635877 A	20180126	CN201580080565	20150622
CO20170012388 A2	20180328	CO20170012388	20171130
EP3310670 A1	20180425	EP20150896478	20150622
EP3310670 A4	20181114	EP20150896478	20150622
HK1244764 A1	20180817	HK20180104150	20180326
IN201717042873 A	20180316	IN201717042873	20171129
MX2017015071 A1	20180507	MX20170015071	20150622
US2018160867 AA	20180614	US20150579829	20150622
WO16209123 A1	20161229	WO2015SE50722	20150622

Priority:

WO2015SE50722 20150622

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): WELANDER FREDRIK ; WALLENIUS HANS ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB

Inventor(s): (std): WELANDER FREDRIK ; WALLENIUS HANS ; HANS WALLENIUS ; FREDRIK WELANDER

Inventor(s): 1 WALLENIUS HANS ; 2 WELANDER FREDRIK

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; JOSE ANDRES RINCON USCATEGUI; VALEA AB; NTD PATENT AND TRADE MARK AGENCY LTD

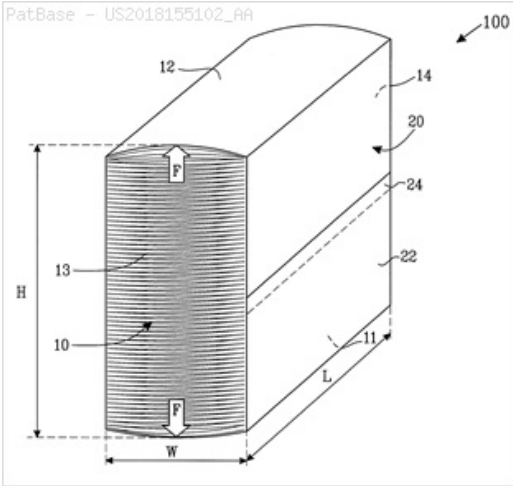
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW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

15) Family number: 64526216 (US2018155102A) © PatBase

Title: SCA HYGIENE PRODUCTS AB

Abstract: A package including a stack of absorbent tissue paper material and a packaging, wherein, in the stack, the absorbent tissue paper material forms panels having a length, and a width perpendicular to the length, the panels being piled on top of each other to form a height extending between a first end surface and a second end surface of the stack; the absorbent tissue paper material including at least a structured tissue material, the stack, when in the package, having a selected packing density **D0** of 0.20 to 0.65 kg/dm³, and exerting a force along the height of the stack towards the packaging, the packaging encircling the stack so as to maintain the stack in a compressed condition with the selected packing density **D0**.

Classifications:
International (ipc 8-9): A47K A47K10/16 B65B B65B63/02 B65D71/06 B65D83/08 B65D85/07 (Advanced/Invention)
CPC: B65B25/145 B65B63/026 B65D71/063 B65D83/08 B65D2571/00716 B65D2571/00141 B65D2571/00148 B65D85/07 B65B63/02 B65D71/06



Family:

Publication number	Publication date	Application number	Application date
AU2015399431 AA	20161229	AU20150399431	20150622
AU2015399431 BB	20181206	AU20150399431	20150622
BR112017020688 A2	20180626	BR20171120688	20150622
CA2981240 AA	20170928	CA20152981240	20150622
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CO20170012392 A2	20180328	CO20170012392	20171130
EP3310669 A1	20180425	EP20150896477	20150622
EP3310669 A4	20181114	EP20150896477	20150622
HK1244763 A1	20180817	HK20180104149	20180326
IN201717037064 A	20171222	IN201717037064	20171018
MX2017015073 A1	20180507	MX20170015073	20150622
US2018155102 AA	20180607	US20150579810	20150622
WO16209122 A1	20161229	WO2015SE50721	20150622

Priority:

WO2015SE50721 20150622

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): WELANDER FREDRIK ; WALLENIUS HANS ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB

Inventor(s): (std): WELANDER FREDRIK ; WALLENIUS HANS ; HANS WALLENIUS ; FREDRIK WELANDER

Inventor(s): 1 WALLENIUS HANS ; 2 WELANDER FREDRIK

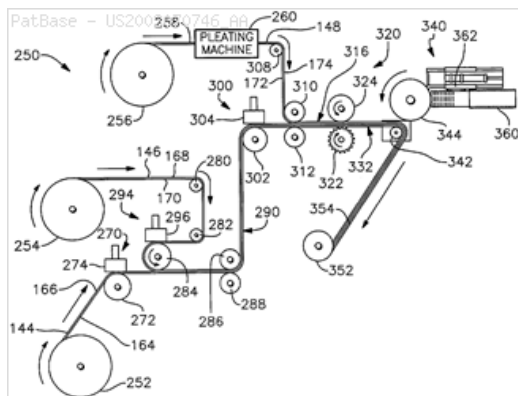
Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; JOSE ANDRES RINCON USCATEGUI; VALEA AB; NTD PATENT AND TRADE MARK AGENCY LTD

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

16) Family number: 64526218 (WO16209124A1) © PatBase

Title: METHOD AND APPARATUS FOR FORMING A PACKAGE COMPRISING A STACK OF ABSORBENT TISSUE PAPER MATERIAL AND A PACKAGING

Abstract: The present disclosure relates to a method for forming a package (100) comprising a stack (10) of absorbent tissue paper material and a packaging (20), the tissue paper material in said stack forming panels having a length (L), and a width (W) perpendicular to said length (L), said panels being piled on top of each other to form a height (H) extending



Family:

Publication number	Publication date	Application number	Application date
AT406217 E	20080915	AT19990963930T	19991119
AU200020266 A1	20000626	AU20000020266	19991119
AU200020266 A5	20000626	AU20000020266	19991119
CY1108594 T1	20140409	CY20081101362T	20081126
DE69939434 D1	20081009	DE19996039434	19991119
DK1137495 T3	20090105	DK19990963930T	19991119
EP1137495 A1	20011004	EP19990963930	19991119
EP1137495 B1	20080827	EP19990963930	19991119
ES2313803 T3	20090301	ES19990963930T	19991119
PT1137495 T	20081211	PT19990963930T	19991119
US2003070746 AA	20030417	US20020292972	20021112
US6493898 BA	20021217	US19990347670	19990706
WO0033974 A1	20000615	WO1999US27418	19991119

Priority:

US19980111477P 19981209 US19990347670 19990706 EP19990963930 19991119
WO1999US27418 19991119 US20020292972 20021112

Probable Assignee: MJ WOODS INC

Assignee(s): (std): WOODS M J INC

Assignee(s): M J WOODS INC ; MJ WOODS INC

Inventor(s): (std): WOODS JAMES ; WOODS JAMES M ; WOODS MARILYN ; WOODS MARILYN S

Inventor(s): MARILYN S WOODS ; JAMES M WOODS

Agent(s): WILSON GUNN

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

18) Family number: 54126268 (US2013153597A)

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Title: WIPES DISPENSER WITH ANGLED DISPENSING

Abstract: A container for storing wipes is disclosed. The container for storing wipes includes a container base including a front wall, a back wall, a top wall, and a bottom wall defining an interior cavity for storage of a stack of wipes. The container includes a dispensing panel having a dispensing partition formed therethrough. Within the interior cavity of the container, a support portion is positioned for support of the bottom of the stack of wipes. The support portion forms a support portion angle between about 100 and about 115 degrees with the bottom wall. A container designed as described places the wipes stack in a vertical position thus reducing the footprint should the dispenser be placed on a toilet tank or countertop. Furthermore, the wipes being placed in a vertical position allows for more versatile and durable wall-mounting options while providing adequate dispensing performance.

Classifications:

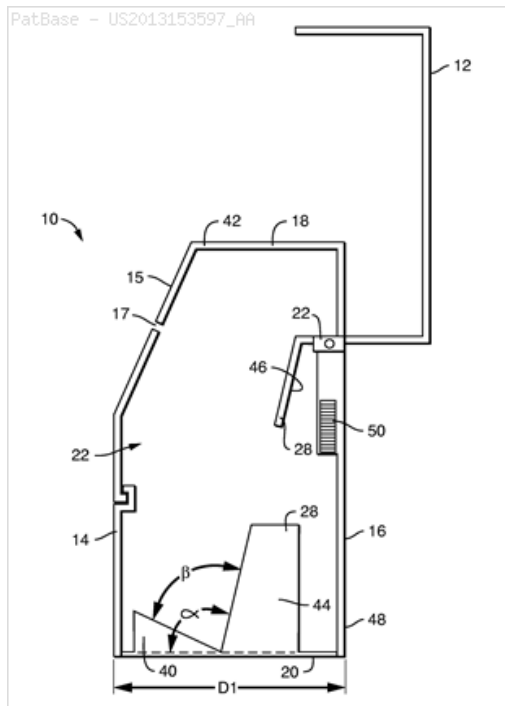
International (IPC 8-9): A47K A47K10/18 A47K10/42

A47K7/00 (Advanced/Invention);

A47K (Subclass/Invention)

CPC: A47K10/426 A47K10/42

US: 221/45

**Family:**

Publication number	Publication date	Application number	Application date
AU2012356253 AA	20130627	AU20120356253	20121112
AU2012356253 BB	20170202	AU20120356253	20121112
BR112014015194 A2	20170613	BR20141115194	20121112
BR112014015194 A8	20170613	BR20141115194	20121112
BR112014015194 A8	20170627	BR20141115194	20121112
CN104023609 A	20140903	CN201280063738	20121112
CN104023609 B	20170811	CN201280063738	20121112
DE602012025296 D1	20161222	DE201260025296T	20121112
EP2793668 A1	20141029	EP20120858700	20121112
EP2793668 A4	20150819	EP20120858700	20121112
EP2793668 B1	20161109	EP20120858700	20121112
IL232844 A0	20140731	IL20120232844	20121112
IL232844 A1	20170629	IL20120232844	20121112
KR20140116106 A	20141001	KR20147019765	20121112
MX2014007299 A1	20140730	MX20140007299	20121112
US2013153597 AA	20130620	US20110330871	20111220
WO13093662 A1	20130627	WO20121B56361	20121112

Priority:

US20110330871 20111220 EP20120858700 20121112 WO20121B56361 20121112

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): HILL ROBERT MICHAEL ; KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; POSSELL KEVIN CHRISTOPHER

Assignee(s): KIMBERLY CLARK WORLDWIDE INC NEENAH

Inventor(s): (std): HILL ROBERT MICHAEL ; KEVIN CHRISTOPHER POSSELL ; POSSELL KEVIN CHRISTOPHER ; ROBERT MICHAEL HILL

Inventor(s): POSSELL KEVIN CHRISTOPHER MIDDLETON ; HILL ROBERT MICHAEL APPLETON

Agent(s): SPRUSON AND FERGUSON; DEHNS; DAVIES CHRISTOPHER ROBERT; REINHOLD COHN AND PARTNERS; KUBICKI H MICHAEL ET AL

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

19) Family number: 50814295 (US2013240554A)

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Title: LEVEL SENSOR AND DISPENSER

Abstract: A solution for detecting level of a consumable tissue product (201, 301) in a tissue dispenser (103, 106) located in a washroom. This is provided in a number of aspects such as a tissue dispenser, a method, system, and a sensor unit utilizing two sensor elements (420, 430), each arranged to measure light reflected from a reflection field located on the tissue product, reflected directly from the tissue product, or measure the absence of the tissue product. Data from the sensor elements are wirelessly transmitted to a server (901) for further handling, such as for instance notification to a janitor in charge of service of the washroom.

Classifications:

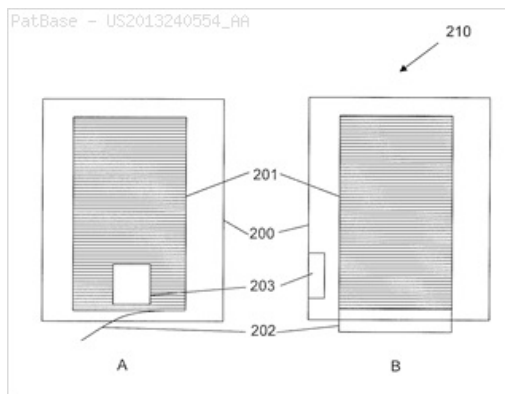
International (IPC 8-9): A47K A47K10/24

A47K10/32 (Advanced/Invention);

A47K (Subclass/Invention)

CPC: A47K10/32 A47K10/24 B65H2557/11

European: A47K10/24 L65H557/110

**Family:**

Publication number	Publication date	Application number	Application date
AU2010360599 AA	20120322	AU20100360599	20100915
AU2010360599 BB	20150618	AU20100360599	20100915
CN103118576 A	20130522	CN201080069120	20100915
CN103118576 B	20160608	CN201080069120	20100915
CO6710921 A2	20130715	CO20130095962	20130415
DE602010025577 D1	20150813	DE201060025577T	20100915
EP2615955 A1	20130724	EP20100755139	20100915
EP2615955 B1	20150701	EP20100755139	20100915
ES2547081 T3	20151001	ES20100755139T	20100915
HU025505 T2	20160229	HU20100755139T	20100915
MX2013002733 A1	20130607	MX20130002733	20100915
MY163984 A	20171115	MY20130700310	20100915
RU2013116809 A	20141020	RU20130116809	20100915
RU2539340 C2	20150120	RU20130116809	20100915
TR201511805 T4	20151021	TR20150011805T	20100915
US2013240554 AA	20130919	US20100823307	20100915
WO12034590 A1	20120322	WO2010EP63543	20100915
ZA201301436 A	20131127	ZA20130001436	20130226

Priority:

EP20100755139 20100915 WO2010EP63543 20100915 MY20130700310 20100915
 CO20130095962 20130415

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): HIMMELMANN GUNILLA ; KLING ROBERT ; REHNSTROEM PETER ; SCA HYGIENE PROD AB ; SVEDLUND JERRY ; STRAAHLIN ANDERS**Assignee(s):** SKA KHAJDZHN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB ; STRAHLIN ANDERS**Inventor(s):** (std): STRAHLIN ANDERS ; REHNSTROEM PETER ; SVEDLUND JERRY ; KLING ROBERT ; STRAAHLIN ANDERS ; HIMMELMANN GUNILLA ; REHNSTROM PETER ; STRALIN ANDERS ; STRAALIN ANDERS ; STRAELIN ANDERS ; SVEDLUND JERRY ; KHIMMEL MANN GUNILLA ; SVEDLUND JERRI ; STROLIN ANDERS ; RENSTREM PETER**Inventor(s):** ANDERS STRAELIN ; PETER REHNSTROEM ; ROBERT KLING ; JERRY SVEDLUND ; GUNILLA HIMMELMANN ; ANDERS STRALIN ; PETER REHNSTROM**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; LUZ CLEMENCIA DE PAEZ; VALEA AB; DE ELZABURU ALBERTO; UGUR GUERSAD YALCINER**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**20) Family number: 50452297 (US2013105613A)**

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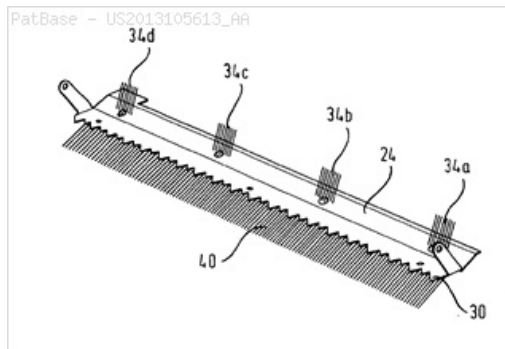
Title: APPARATUS FOR DISPENSING ABSORBENT SHEET PRODUCTS AND METHOD FOR MODIFYING SUCH APPARATUS**Abstract:** An apparatus for dispensing absorbent sheet products includes a store with an absorbent web which is to be dispensed, a conveying mechanism with at least one conveying element for feeding the absorbent web and a mechanism for severing the web so as to form absorbent sheet products. The apparatus further includes a mechanism for collecting electrical charges caused by static electricity, a mechanism for directing electrical charges to another element within the apparatus for dispensing, and a mechanism for neutralising or consuming the electrical charges.**Classifications:****International (IPC 8-9):** A47K10/36 B65H16/00

B65H35/00 (Advanced/Invention);

A47K10/00 A47K10/36 B65H35/00 (Core/Invention);

A47K B65H (Subclass/Invention)

CPC: B65H16/005 B65H2301/5133 A47K10/36**European:** A47K10/36**US:** 15/1.51 221/199 221/45 225/6 242/550 242/559.1 242/560 242/560.1 242/562 242/563 242/564.4 271/208 361/212 361/214 361/221 361/225 399/388 399/390 83/649

**Family:**

Publication number	Publication date	Application number	Application date
AU2010357053 AA	20120112	AU20100357053	20100707
BR112013000347 A2	20160531	BR20131100347	20100707
CA2804365 AA	20130103	CA20102804365	20100707
CN102970910 A	20130313	CN201080067924	20100707
DE602010033055 D1	20160623	DE201060033055T	20100707
EP2592984 A1	20130522	EP20100737810	20100707
EP2592984 B1	20160504	EP20100737810	20100707
IN00529DN2013 A	20141010	IN2013DN00529	20130117
MX2012015005 A1	20130129	MX20120015005	20100707
RU2013104984 A	20140820	RU20130104984	20100707
RU2530861 C2	20141020	RU20130104984	20100707
TH127591 A	20130920	TH20131000037	20100707
UA106304 C2	20140811	UA20130001429	20100707
US2013105613 AA	20130502	US20100808262	20100707
US2018099830 AA	20180412	US20170837428	20171211
US9908728 BB	20180306	US20100808262	20100707
US10118783 BB	20181106	US20170837428	20171211
WO12003865 A1	20120112	WO2010EP59712	20100707
ZA201209347 A	20130925	ZA20120009347	20121210

Priority:

EP20100737810 20100707 WO2010EP59712 20100707 US20130808262 20130104
 US20170837428 20171211

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): PERSSON DANIEL ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG**Inventor(s):** (std): PERSSON DANIEL**Inventor(s):** DANIEL PERSSON**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; HOFFMANN EITLE; DRINKER BIDDLE AND REATH LLP; WIEDEMANN PETER ET AL**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**21) Family number: 43488438** (US2009177315A)

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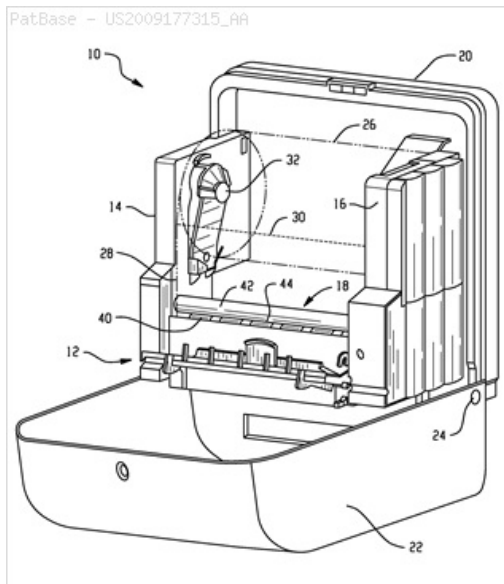
Title: PRODUCT, DISPENSER AND METHOD OF DISPENSING PRODUCT**Abstract:** A method of dispensing product includes determining by a processor if product loaded into a dispenser is authorized for use in the dispenser by identifying a reference indication associated with the product; in response to determination that the product is authorized, dispense a first amount of product; and in response to determination that the sheet product is unauthorized, dispense a second amount of sheet product, wherein the second amount of sheet product is different than the first amount.**Classifications:**

International (IPC 8-9): A47K A47K10/16 A47K10/24 A47K10/26
 A47K10/34 B65H43/00 B65H75/18 G06F17/00 (Advanced/Invention);
 A47K10/00 A47K10/24 B65H75/00 B65H75/18
 G06F17/00 (Core/Invention)

CPC: A47K10/34 B65H16/005 B65H2301/41524 B65H2407/11
 B65H2511/416 B65H2511/512 B65H2551/15 A47K10/16
 A47K10/3662

European: A47K10/34

US: 221/45 242/563.2 242/564.1 242/565 242/600 700/231 700/237
 700/240

**Family:**

Publication number	Publication date	Application number	Application date
AU2008345678 AA	20090709	AU20080345678	20081219
CA2709996 AA	20090709	CA20082709996	20081219
CN101883514 A	20101110	CN200880118827	20081219
EA201070785 A1	20110429	EA20100070785	20081219
EP2222214 A1	20100901	EP20080867716	20081219
HK1147665 A1	20110819	HK20110101858	20110225
IN01501KN2010 A	20111125	IN2010KN01501	20100429
JP2011507632 T2	20110310	JP20100539877T	20081219
MX2010005450 A1	20100607	MX20100005450	20081219
US2009177315 AA	20090709	US20080339888	20081219
US8165716 BA	20120424	US20090636047	20091211
US8833691 BA	20140916	US20100884788	20100917
WO09086120 A1	20090709	WO2008US87703	20081219
ZA201002684 A	20110629	ZA20100002684	20100416

Priority:

US20070015691	20071221	US20070015691P	20071221	US20080339888	20081219
WO2008US87703	20081219	US20090437839	20090508	US20090636047	20091211
US20100884788	20100917				

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Assignee(s): (std): CASE ABBY C ; CITTADINO ANTONIO M ; GEDDES DANIEL J ; GEORGIA PACIFIC CONSUMER PROD ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GOEKING HAROLD J ; KUEHNEMAN BRET A ; LUKACSKO ALISON B ; SLEEPER WILLIAM D ; GRACYALNY DALE T ; IZMAILOV ALEXANDRE ; PETERSEN GARY N ; JORDAN KATHLEEN A ; REINSEL CHRISTOPHER M ; WATERHOUSE PAUL ; RUTHVEN PAUL J ; ZOSIMADIS PANAGIOTIS ; YE H KANG CHANG

Assignee(s): GPCP IP HOLDINGS LLC ; MULTI HOLDING AG

Inventor(s): (std): CITTADINO ANTONIO M ; ALEXANDRE IZMAILOV ; CASE ABBY C ; PANAGIOTIS ZOSIMADIS ; YE H KANG CHANG ; ZOSIMADIS PANAGIOTIS ; SLEEPER WILLIAM D ; REINSEL CHRISTOPHER M ; PETERSEN GARY N ; LUKACSKO ALISON B ; KUEHNEMAN BRET A ; JORDAN KATHLEEN A ; IZMAILOV ALEXANDRE ; GRACYALNY DALE T ; GOEKING HAROLD J ; GEDDES DANIEL J ; RUTHVEN PAUL J ; WATERHOUSE PAUL

Inventor(s): WILLIAM D SLEEPER ; ABBY C CASE ; PETERSEN GARY ; CHRISTOPHER M REINSEL ; CITTADINO ANTONIO ; ALISON B LUKACSKO ; ANTONIO M CITTADINO ; BRET A KUEHNEMAN ; CASE ABBY ; DALE T GRACYALNY ; DANIEL J GEDDES ; GARY N PETERSEN ; GEDDES DANIEL ; GOEKING HAROLD ; HAROLD J GOEKING ; JORDAN KATHLEEN ; KATHLEEN A JORDAN ; LUKACSKO ALISON

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER ANWALTSSOZIIETAET; LIU SHEN AND ASSOCIATES; PATENT GROUP GA030-43,GEORGIA-PACIFIC LLC; PATENT GROUP GA030 43 GEORGIA PACIFIC LLC; DEBORAH K; GEORGIA PACIFIC LLC; SUTHERLAND ASBILL AND BRENNAN LLP; CHARLTON JOEL T

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

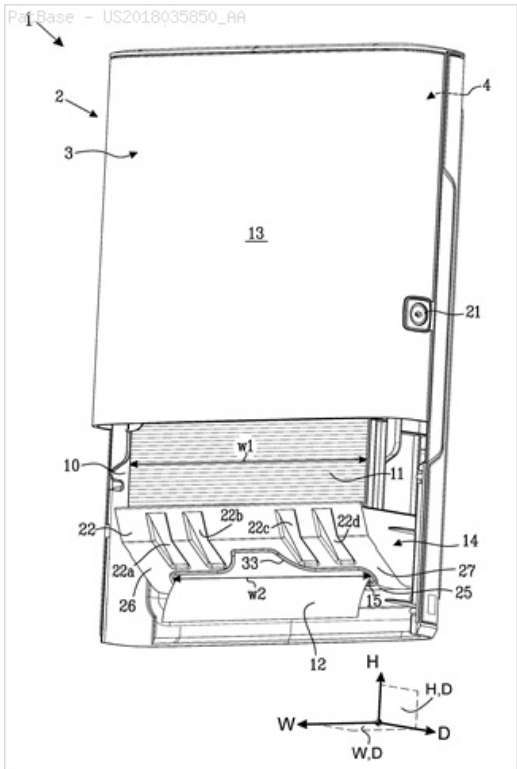
22) Family number: 63372460 (US2018035850A)

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Title: DISPENSER FOR A STACK OF WEB MATERIAL

Abstract: A dispenser for dispensing sheets of web material is provided. The dispenser includes a dispenser housing and storage compartment for receiving a stack of sheets of web material. The housing has a front side, a rear side, upper and lower end portions, and two vertical sides connecting the front and rear sides, the lower end portion forming a dispensing end portion of the dispenser. The storage compartment includes a support arrangement for supporting the stack of sheets of web material at the dispensing end portion of the dispenser. The support arrangement a dispensing opening is arranged in a portion between the front, rear and side portions and an abutment surface to which the stack of sheets of web material can abut.

Classifications:



Family:

Publication number	Publication date	Application number	Application date
AU2015384223 AA	20160901	AU20150384223	20150223
AU2015384223 BB	20181108	AU20150384223	20150223
CA2977633 AA	20170823	CA20152977633	20150223
CN107249413 A	20171013	CN201580076713	20150223
CO20170008218 A2	20180116	CO20170008218	20170815
EP3261504 A1	20180103	EP20150883509	20150223
EP3261504 A4	20181121	EP20150883509	20150223
HK1237620 A1	20180420	HK20170111840	20171115
MX2017010757 A1	20171128	MX20170010757	20150223
RU2666668 C 1	20180911	RU20170132849	20150223
US2018035850 AA	20180208	US20150549291	20150223
WO16137364 A1	20160901	WO2015SE50205	20150223

Priority:

WO2015SE50205 20150223

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB ; SKA KHAJDZHIN PRODAKTS AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; WALLENIUS HANS ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; LARSSON BJORN

Inventor(s): (std): BJOERN LARSSON ; HANS WALLENIUS ; LARSSON BJORN ; WALLENIUS HANS ; VALLENIUS KHANS ; LARSSON BJOERN ; LARSSON BERN ; LARSSON BJERN

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; JOSE ANDRES RINCON USCATEGUI; VALEA AB; NTD PATENT AND TRADE MARK AGENCY LTD; YURIDICHESKAYA GORODISSKIY I PARTNER Y OOO FA

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 TN TR TT TZ UA UG UY UZ VC VN ZA ZW ZW

23) Family number: 31760499 (US2005056656A)

Title: ABSORBENT SHEET PRODUCTS DISPENSER HAVING INTERCHANGEABLE FACE PLATES

Abstract: A napkin dispenser has a container body for holding a stack of napkins, and a pair of interchangeable face plates each connectable to the container body. One of the face plates has a first elongated dispensing opening exposing a bottom region of the napkin stack, for one-by-one dispensing, and the other face plate has a second elongated dispensing opening exposing an edge region of the napkin stack, for dispensing a plurality of napkins simultaneously.

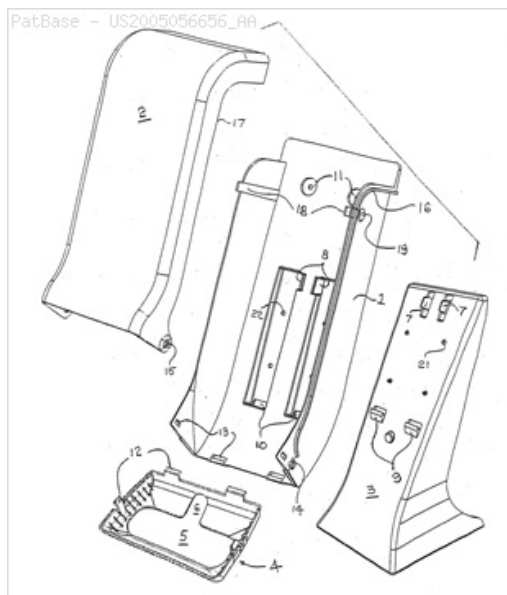
Classifications:

International (IPC 8-9): A47K10/24 A47K10/42
B65H1/00 (Advanced/Invention);
A47K10/24 B65H1/00 (Core/Invention)

International (IPC 1-7): A47K10/42 B65H1/00
CPC: A47K10/424 A47K2010/428

European: A47K10/42C K47K10/42F

US: 221/199 221/241 221/242 221/303 221/304 221/307 221/308
221/310 221/33 221/44 221/45 221/45P 221/46 221/47 221/47S
221/48 221/48S 221/63 312/50



Family:

Publication number	Publication date	Application number	Application date
EP1662956 A1	20060607	EP20040779339	20040729
US2005056656 AA	20050317	US20030660656	20030912
US2006118568 AA	20060608	US20060336779	20060123
US6988635 BB	20060124	US20030660656	20030912
US7134571 BB	20061114	US20060336779	20060123
WO05034702 A1	20050421	WO2004US24243	20040729

Priority:

US20030660656 20030912 WO2004US24243 20040729 US20060336779 20060123

Probable Assignee: SCA TISSUE NORTH AMERICA LLC

Assignee(s): (std): CONGER ANDREW M ; HOCHTRITT ROBERT C ; SCA TISSUE NORTH AMERICA LLC

Assignee(s): ESSITY PROFESSIONAL HYGIENE NORTH AMERICA LLC

Inventor(s): (std): CONGER ANDREW M ; HOCHTRITT ROBERT C

Inventor(s): HOCHTRITT ROBERT ; CONGER ANDREW

Agent(s): YOUNG AND THOMPSON

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

24) Family number: 30669500 (US2004121158A)

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Title: WIPING PRODUCTS HAVING A LOW COEFFICIENT OF FRICTION IN THE WET STATE AND PROCESS FOR PRODUCING SAME

Abstract: Base sheets are disclosed having a reduced coefficient of friction in the wet state. In accordance with the present invention, the base sheets can be treated with a high molecular weight polyethylene oxide, a derivatized polyethylene oxide or an acrylate copolymer containing polyethylene moieties. The base sheet can be single ply or multi-ply. The base sheet can be a tissue product, such as a facial tissue, a bath tissue, or a paper towel. Alternatively, the base sheet can be a pre-moistened wipe.

Classifications:

International (IPC 8-9): A47K10/16 B32B27/38 D21H17/53
D21H21/14 D21H27/00 (Advanced/Invention);
D21H17/53 D21H17/69 D21H27/00 (Advanced/Non-invention);
D21H17/00 D21H21/14 (Core/Invention);
D21H27/00 (Core/Non-invention)

International (IPC 1-7): B32B27/38 D21H17/53 D21H17/69

CPC: Y10T428/31511 D21H27/001 D21H17/53

European: D21H17/53 N21H27/00B

US: 162/109 162/135 162/158 162/164.1 162/164.6 162/168.1
162/168.2 162/179 404/402 428/413

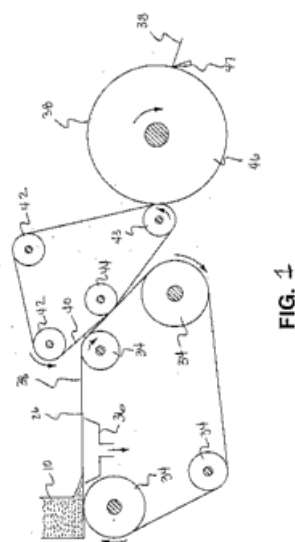


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AU2003285134 AA	20040729	AU20030285134	20031103
AU2003285134 BB	20090423	AU20030285134	20031103
BRPI0317046 A	20051025	BR2003PI17046	20031103
CA2508807 AA	20050606	CA20032508807	20031103
DE60339623 D1	20120301	DE20036039623	20031103
EP1573128 A1	20050914	EP20030779454	20031103
EP1573128 B1	20120104	EP20030779454	20031103
KR20050084129 A	20050826	KR20057010051	20031103
MXPA05005887 A1	20050829	MX2005PA05887	20031103
TW200424063 A	20041116	TW20030133736	20031201
TWI230659 B	20050411	TW20030133736	20031201
US2004121158 AA	20040624	US20020325461	20021220
US7147751 BB	20061212	US20020325461	20021220
WO04061228 A1	20040722	WO2003US34899	20031103

Priority:

US20020325461 20021220 EP20030779454 20031103 WO2003US34899 20031103

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC ; SHANNON THOMAS G ; SOERENS DAVID A

Inventor(s): (std): DAVID A SOERENS ; SHANNON THOMAS G ; SHANNON TOM G ; SOERENS DAVE ; SOERENS DAVID A

Inventor(s): SOERENS DAVID A NEENAH ; THOMAS G SHANNON ; SHANNON THOMAS G NEENAH ; DAVID ASOERENS

Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; BEACHAM ANNABEL ROSE; DORITY AND MANNING PA

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 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

25) Family number: 31760500 (US2005056657A)

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Title: DISPENSER FOR FOLDED ABSORBENT SHEET PRODUCTS

Abstract: A napkin dispenser has a body and a stand that supports the dispenser on a horizontal surface. The body has two main sections, a first upstream section that is straight and extends over the majority of the length of said body, and a second downstream section that extends at an angle relative to the first section and communicates with a dispensing opening. When the dispenser is supported by the stand on a horizontal surface, each of the first and second sections forms an oblique angle relative to the horizontal surface, with the first section forming an angle that is more nearly vertical, and the second section forming an angle that is more nearly horizontal.

Classifications:

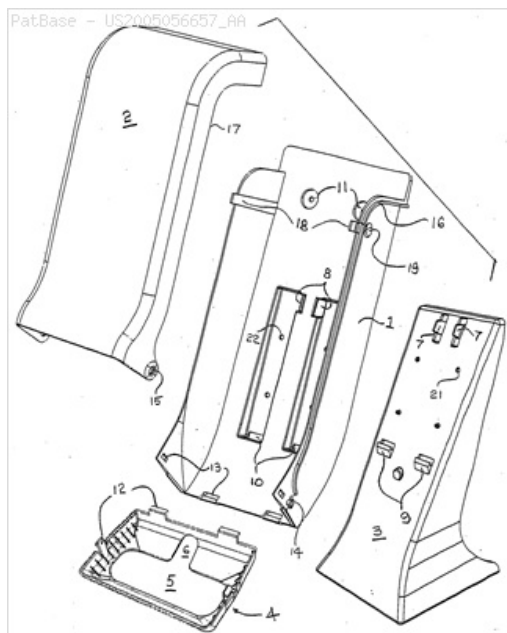
International (IPC 8-9): A47K10/42 B65H1/00 (Advanced/Invention); A47K10/24 (Core/Invention)

International (IPC 1-7): A47K10/42 B65H1/00

CPC: A47K2010/3233 A47K10/424 A47K2010/428

European: A47K10/42C K47K10/42F

US: 221/282 221/285 221/33 221/41 221/45 221/45P



Family:

Publication number	Publication date	Application number	Application date
AT382288 E	20080115	AT20040779340T	20040729
AU2004280167 AA	20050421	AU20040280167	20040729
AU2004280167 BB	20090924	AU20040280167	20040729
BRPI0414364 A	20061114	BR2004PI14364	20040729
CA2537707 AA	20060302	CA20042537707	20040729
CA2537707 C	20100420	CA20042537707	20040729
CN1849089 A	20061018	CN200480026252	20040729
DE602004011082 D1	20080214	DE200460011082T	20040729
DE602004011082 T2	20090102	DE200460011082T	20040729
EP1662957 A1	20060607	EP20040779340	20040729
EP1662957 B1	20080102	EP20040779340	20040729
ES2298822 T3	20080516	ES20040779340T	20040729
MXPA06002430 A1	20060620	MX2006PA02430	20040729
RU2006112009 A	20060827	RU20060112009	20040729
US2005056657 AA	20050317	US20030660659	20030912
US8328046 BB	20121211	US20030660659	20030912
WO05034703 A1	20050421	WO2004US24244	20040729

Priority:

US20030660659 20030912 WO2004US24244 20040729

Probable Assignee: SCA TISSUE NORTH AMERICA LLC

Assignee(s): (std): CONGER ANDREW M ; HOCHTRITT ROBERT C ; SCA TISSUE NORTH AMERICA LLC

Assignee(s): ESSITY PROFESSIONAL HYGIENE NORTH AMERICA LLC

Inventor(s): (std): ANDREW CONGER ; CONGER ANDREW M ; HOCHTRITT ROBERT C ; HOCHTRITT ROBERT C CONGER ANDR ; ROBERT HOCHTRITT ; ROBERT C HOCHTRITT ; HOCHTRITT ROBERT ; CONGER ANDREW ; ANDREW M CONGER

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; YOUNG AND THOMPSON

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

26) Family number: 20879539 (US5891008A)

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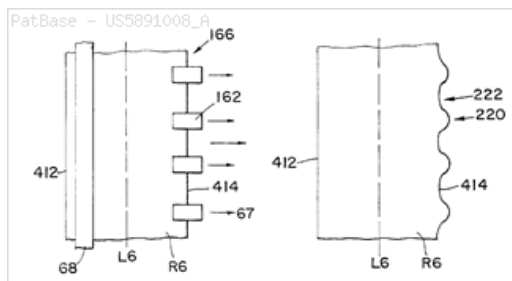
Title: Sheet products for use in a pop-up dispenser and method for forming from stretched ribbons

Abstract: An improved method is disclosed for forming a strata of overlapping sheets suitable for use in a pop-up dispensing system. The sheets are cut from ribbons which initially have edges essentially parallel to the longitudinal axis of the ribbon. At least one side edge of each ribbon is stretched to form a knee-like protrusion, with the opposing side edge being either, substantially parallel to the longitudinal axis of the ribbon, or also stretched to form one or more knee-like protrusions on the opposing edge. The ribbons are then aligned so that a knee-like protrusion on one edge aligns with either the essentially parallel edge of an adjacent ribbon or a knee-like protrusion on the side edge of an adjacent ribbon. After phasing, the ribbons are overlapped creating a series of predetermined areas of greatest overlap adjoining areas of least or no overlap, such that successive ribbons are bonded only by the interfacial interaction between each ribbon. By overlapping multiple ribbons in this manner a strata is formed which is then folded to interleave the ribbons. A resulting stack of interleaved ribbons is cut in a direction essentially normal to the longitudinal axis of the ribbons at predetermined intervals to form blocks of individual interleaved sheets. The process can be accomplished manually or in a continuous production process.

Classifications:

International (IPC 8-9): B65H37/00 B65H45/24
B65H45/28 (Advanced/Invention);
B65H37/00 (Advanced/Non-invention);
B65H37/00 B65H45/12 (Core/Invention)

International (IPC 1-7): A47K10/24 B65H37/0 B65H37/00
B65H45/24 B65H45/28 B65H493/410
CPC: B65H37/00
European: B65H37/00
US: 493/405 493/406 493/410 493/458



Family:

Publication number	Publication date	Application number	Application date
AT203973 E	20010815	AT19960943544T	19961127
AU199712761 A1	19970714	AU19970012761	19961127
AU708760 B2	19990812	AU19970012761	19961127
CA2240261 AA	19980610	CA19962240261	19961127
DE69614406 D1	20010913	DE19966014406	19961127
DE69614406 T2	20020529	DE19966014406T	19961127
EP0868381 A1	19981007	EP19960943544	19961127
EP0868381 B1	20010808	EP19960943544	19961127
ES2159775 T3	20011016	ES19960943544T	19961127
JP11500702 T2	19990119	JP19970522824T	19961127
JP2957706 B2	19991006	JP19970522824T	19961127
KR20000064386 A	20001106	KR19980704422	19961127
MX9804782 A1	19981031	MX19980004782	19980615
US5891008 A	19990406	US19950574437	19951215
WO9722544 A1	19970626	WO1996US19097	19961127

Priority:

US19950574437 19951215 WO1996US19097 19961127

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE CO ; PUROKUTAA ANDO GYANBURU CO ZA ; BAVELY JANE LOUISE ; BERG CHARLES JOHN JR

Inventor(s): (std): BAVELY JANE LOUISE ; BAVELY LOUISE ; BERG CHARLES JOHN JR ; BERG JOHN ; JANE LOUISE BAVELY ; CHARLES JOHN BERG JR ; CHARLES JOHN BERG ; BERG JR CHARLES J ; BAVELY JANE L ; BERG CHARLES JOHN

Inventor(s): BAAGU JUNIA CHAARUZU JON ; BEIBURII JEIN RUIZU

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SIM AND MCBURNEY

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CN CU CZ DE DK EE ES FI FR GB GE 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

27) Family number: 56339541 (US2015282678A)

© PatBase

Title: SEPARATION UNIT AND A DISPENSER COMPRISING A SEPARATION UNIT

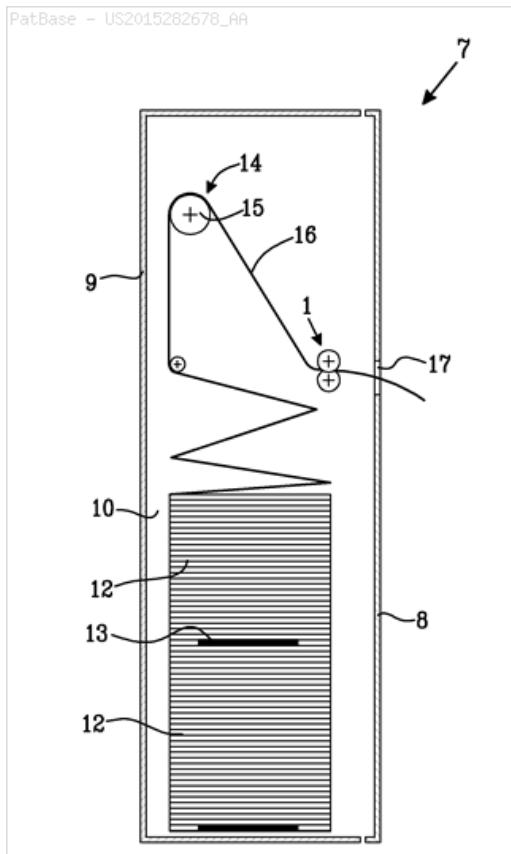
Abstract: A separation unit for separating a web material along preformed lines of weakness. The separation unit has a width direction and includes at least a first roller having a rotational axis extending in the width direction and a web width extending in the width direction, and at least a second roller having a rotational axis extending parallel with the rotational axis of the first roller and a web width extending in the width direction. The second roller is positioned at a distance from the first roller. Each of the first and the second rollers is provided with at least one protrusion element extending perpendicularly from the axes. Each of the protrusion elements has a maximum width in the width direction, a maximum radial extension from the rotational axes, an inner portion adjacent to the rotational axes, and an outer portion remote from the rotational axes.

Classifications:

International (IPC 8-9): A47K10/16 A47K10/34 A47K10/36
A47K10/38 A47K10/42 A47K10/44 B26F3/00 B65H20/02 B65H35/00
B65H35/08 (Advanced/Invention)

CPC: A47K10/36 B26F3/002 A47K10/44 Y10T225/35 A47K10/16
A47K10/3643 A47K2010/3881 A47K10/426 B65H20/02
B65H2404/1311 B65H2404/143 B65H2701/12112 A47K10/3612

US: 225/100

**Family:**

Publication number	Publication date	Application number	Application date
■ CN104736030 A	20150624	CN201380055129	20130308
■ CN104736030 B	20180105	CN201380055129	20130308
■ CN104755000 A	20150701	CN201280076557	20121026
■ CN104755000 B	20180105	CN201280076557	20121026
■ CN107969970 A	20180501	CN201711308320	20121026
■ EP2911564 A1	20150902	EP20120887301	20121026
■ EP2911564 A4	20160608	EP20120887301	20121026
■ EP2911565 A1	20150902	EP20130848737	20130308
■ EP2911565 A4	20160727	EP20130848737	20130308
■ EP2911565 B1	20181205	EP20130848737	20130308
■ RU2015119242 A	20161227	RU20150119242	20121026
■ RU2598629 C1	20160927	RU20150119664	20130308
■ RU2616564 C2	20170417	RU20150119242	20121026
■ US2015282678 AA	20151008	US20120438419	20121026
■ US2015297042 AA	20151022	US20130438443	20130308
■ WO14065729 A1	20140501	WO2012SE51158	20121026
■ WO14065729 A8	20140530	WO2012SE51158	20121026
■ WO14065738 A1	20140501	WO2013SE50204	20130308

Priority:

CN201280076557 20121026 CN201711308320 20121026 WO2012SE51158 20121026
 WO2013SE50204 20130308

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): HAUKIRAUMA JARI ; JOKITALO JOONAS ; JOKITALO JOONAS UMER ; KHAUKIRAUMA YARI ; LARSSON BERN ; LARSSON BJOERN ; LARSSON BJORN ; MELLER PER ; MOELLER PER ; MOLLER PER ; POMMER STIG ; SAHLIN DAVID ; SAKHLIN DEVID ; THOREN LARS ; TOREN LARS

Agent(s): VALEA AB

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

28) Family number: 56339542 (WO14065730A1)

© PatBase

Title: SEPARATION UNIT AND A DISPENSER COMPRISING THE SEPARATION UNIT

Abstract: The present invention provides a separation unit for separating a web material along preformed lines of weakness. The separation unit has a width direction and comprises a first roller arrangement having a rotational axis extending in the width direction and a web width extending in said width direction, and a second roller arrangement having a rotational axis extending parallel with the rotational axis of the first roller arrangement and a web width extending in said

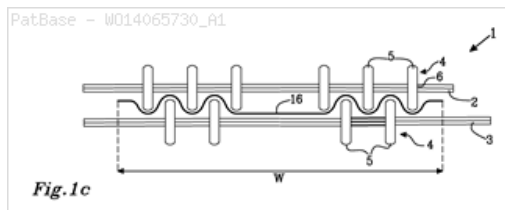
width direction. The second roller arrangement is positioned at a distance from the first roller arrangement, the distance extending in a direction perpendicular to the width direction. Each of the first and the second roller arrangements is provided with a plurality of protrusion elements arranged with a spacing along the rotational axes and protruding perpendicularly from the axes. Each of the protrusion elements has a maximum width in the width direction, a maximum radial extension from the rotational axes, an inner portion adjacent to the rotational axes, and an outer portion remote from the rotational axes. The outer portions of the protrusion elements on the first roller arrangement are arranged in a staggered relationship with the outer portions of the protrusion elements on the second roller arrangement such that the outer portions of the protrusion elements on the second roller arrangement are partially overlapping with the outer portions of the protrusion elements on the first roller arrangement with a radial overlap length, thus forming an undulating passage for a web material between said rollers. Each of the first and second roller arrangements has a central portion and peripheral portions in said width direction. For the first roller arrangement the spacing between the protrusion elements is greater in the central portion than in the peripheral portions.

Classifications:

International (IPC 8-9): A47K10/34 A47K10/36

A47K10/38 (Advanced/Invention)

CPC: A47K10/426 A47K10/44



Family:

Publication number	Publication date	Application number	Application date
WO14065730 A1	20140501	WO2012SE51159	20121026

Priority:

WO2012SE51159 20121026

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): HAUKIRAUMA JARI ; JOKITALO JOONAS ; LARSSON BJOERN ; MOELLER PER ; POMMER STIG ; THOREN LARS

Agent(s): VALEA AB

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

29) Family number: 56339544 (US2015282679A)

© PatBase

Title: SEPARATION UNIT AND A DISPENSER COMPRISING A SEPARATION UNIT

Abstract: A separation unit for separating a web material along preformed lines of weakness. The separation unit has a width direction and includes a first roller having a rotational axis extending in the width direction and a web width extending in the width direction, and a second roller having a rotational axis extending parallel with the rotational axis of the first roller and a web width extending in the width direction. The second roller is positioned at a distance from the first roller. Each of the first and the second rollers is provided with a plurality of protrusion elements being spaced along the rotational axes and protruding perpendicularly from the axes. Each of the protrusion elements has a maximum width in the width direction, a maximum radial extension from the rotational axes, an inner portion adjacent to the rotational axes, and an outer portion remote from the rotational axes.

Classifications:

International (IPC 8-9): A47K10/34 A47K10/36 A47K10/38

A47K10/42 A47K10/44 B65H20/02 B65H20/20 B65H35/10

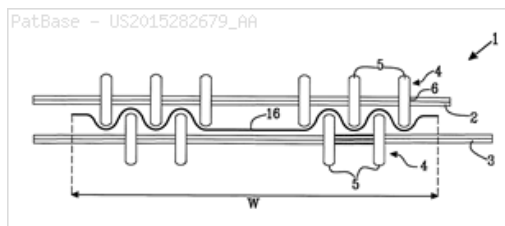
B65H51/04 (Advanced/Invention);

A47K10/16 A47K10/42 (Advanced/Non-invention)

CPC: A47K10/36 A47K10/38 A47K10/16 A47K10/3612 A47K10/3643

A47K10/426 A47K10/44 A47K2010/3881 B65H35/10

US: 221/26



Family:

Publication number	Publication date	Application number	Application date
CN104755001 A	20150701	CN201280076556	20121026
CN104755001 B	20170808	CN201280076556	20121026
EP2911566 A1	20150902	EP20120887211	20121026
EP2911566 A4	20160608	EP20120887211	20121026
RU2601940 C1	20161110	RU20150114809	20121026
US2015282679 AA	20151008	US20120438442	20121026
US2018242797 AA	20180830	US20180964934	20180427
US9999325 BB	20180619	US20120438442	20121026
WO14065731 A1	20140501	WO2012SE51160	20121026
WO14065731 A8	20140530	WO2012SE51160	20121026

Priority:

WO2012SE51160 20121026

US20150438442 20150424

US20180964934 20180427

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): HAUKIRAUMA JARI ; JOKITALO JOONAS ; KHAUKIRAUMA JARI ; LARSSON BERN ; LARSSON BJOERN ; LARSSON BJORN ; MELLER PER ; MOELLER PER ; MOLLER PER ; POMMER STIG ; THOREN LARS ; TOREN

LARS

Agent(s): VALEA AB; BUCHANAN INGERSOLL AND ROONEY PC

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

30) Family number: 56339545 (WO14065732A1)

© PatBase

Title: DISPENSER

Abstract: Dispenser (10) for dispensing web material (12) comprising at least one web (14) of products having a sheet length (L) separated from each other by preformed lines of weakness. Said dispenser (10) comprises a reservoir for containing the web material (12), a separation unit (30) for separating said at least one web (14) into individual products at said preformed lines of weakness, and a dispensing opening (32) for presenting a leading edge (34) of said web to a user, said separation unit (30) being arranged at a distance (D) from the dispensing opening (32). The distance (D) between said separation unit (22) and said dispensing opening (32) is adjustable such that the preformed line of weakness preceding said leading edge (34) of the web remains in the separation unit (30) after dispensation of a product to a first user, while a selected portion of the leading edge (34) of the web is presented to the next user at the dispensing opening (32) regardless of the sheet length of the product.

Classifications:

International (IPC 8-9): A47K10/34 A47K10/36 (Advanced/Invention)

CPC: A47K10/426 A47K10/44

PatBase - WO14065732_A1

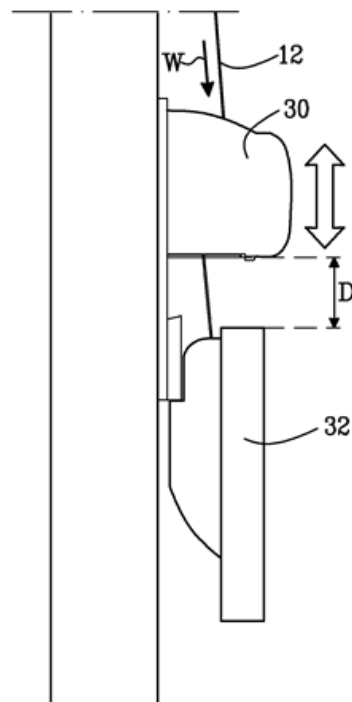


Fig.5

Family:

Publication number	Publication date	Application number	Application date
WO14065732 A1	20140501	WO2012SE51161	20121026

Priority:

WO2012SE51161 20121026

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): LARSSON BJOERN

Agent(s): VALEA AB

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

31) Family number: 56339546 (US2015282680A)

© PatBase

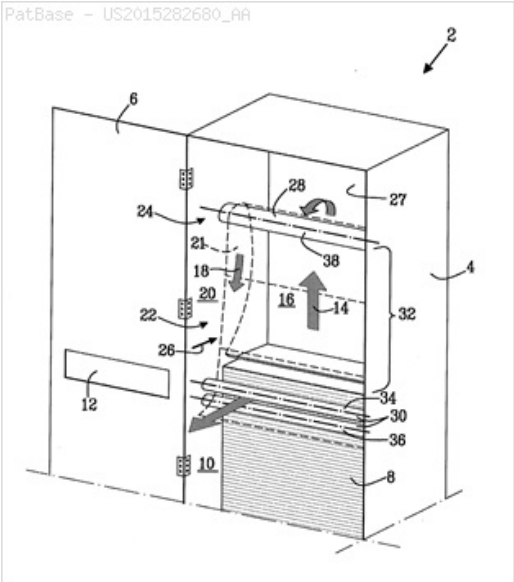
Title: DISPENSER

Abstract: A dispenser for dispensing at least one web from a stack of web material is disclosed. The dispenser includes a housing arranged to hold a stack of web material. A web path extends in an interior of the housing in a first direction in a first

portion of the housing and in a second direction in a second portion of the housing. The housing includes an access opening providing access to the interior of the housing. The web path is accessible along a third direction, in both the first and second portions of the housing, via the access opening.

Classifications:

International (IPC 8-9): A47K10/34 A47K10/36 A47K10/42 A47K10/44 (Advanced/Invention)
CPC: A47K10/36 A47K10/3643 A47K10/422 A47K10/44 A47K2010/3681
US: 242/562.1



Family:

Publication number	Publication date	Application number	Application date
■ CN104736029 A	20150624	CN201280076596	20121026
■ DE602012048502 D1	20180809	DE201260048502T	20121026
■ EP2911563 A1	20150902	EP20120886996	20121026
■ EP2911563 A4	20160727	EP20120886996	20121026
■ EP2911563 B1	20180711	EP20120886996	20121026
■ EP2911563 B8	20180829	EP20120886996	20121026
■ RU2600913 C1	20161027	RU20150119654	20121026
■ US2015282680 AA	20151008	US20120438471	20121026
■ US10058221 BB	20180828	US20120438471	20121026
■ WO14065733 A1	20140501	WO2012SE51164	20121026

Priority:

EP20120886996 20121026 WO2012SE51164 20121026

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): TOREN LARS ; THOREN LARS ; SAKHLIN DEVID ; SAHLIN DAVID ; MOELLER PER ; MELLER PER ; LARSSON BJOERN ; LARSSON BERN ; ELGLUND GUNNEL ; MOLLER PER ; LARSSON BJORN

Agent(s): VALEA AB; BUCHANAN INGERSOLL AND ROONEY PC

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

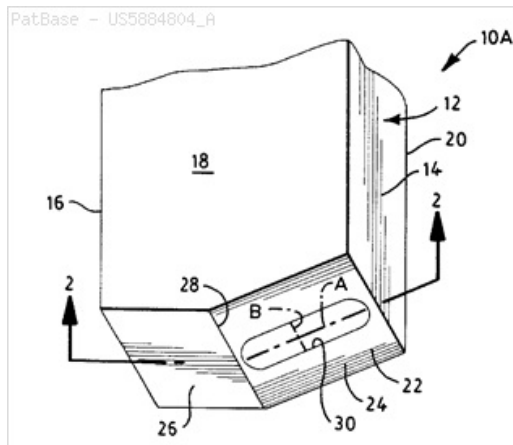
32) Family number: 10945667 (US5884804A) © PatBase

Title: FOLDED SHEET DISPENSER

Abstract: A dispenser for individually dispensing sheets of material from a column of sheets of material formed by a plurality of vertically stacked, folded sheets of material is provided. The dispenser is sized for receiving a plurality of vertically stacked, folded sheets of material and includes a bottom surface, a forward wall, a rear wall. The forward wall and the rear wall are separated by spaced-apart side walls. The bottom surface defines a discharge opening having a length dimension greater than a width dimension. The discharge opening is orientated such that the length dimension is generally in a transverse orientation with respect to the orientation of the forward wall. The plurality of vertically stacked, folded sheets of material within the housing are supported by the bottom surface. Each sheet includes a leading edge and a trailing edge separated by spaced-apart side edges. In the process of dispensing individual sheets from the dispenser, the side edges of the sheets are urged inwardly by the width dimension of the discharge opening as individual sheets pass through the opening.

Classifications:

International (IPC 8-9): A47K10/20 A47K10/24 A47K10/32 A47K10/42 B65D25/52 B65D83/00 B65D83/08 (Advanced/Invention); A47K10/42 B65D83/08 (Advanced/Non-invention); A47K10/24 B65D25/38 B65D83/00 B65D83/08 (Core/Invention)
International (IPC 1-7): A47K A47K10. A47K10/20 A47K10/24 A47K10/42 B65D B65D25/52 B65D83/00 B65D83/08 B65H B65H1/00
CPC: A47K10/424
European: A47K10/42C
US: 221/45 221/48

**Family:**

Publication number	Publication date	Application number	Application date
AR007081 AA	19991013	AR1997P101958	19970509
AU199729061 A1	19971209	AU19970029061	19970520
AU714965 B2	20000113	AU19970029061	19970520
BRPI9709102 A	20000111	BR1997PI09102	19970520
CA2253199 AA	19981029	CA19972253199	19970520
CA2253199 C	20050201	CA19972253199	19970520
CL1997000938 A1	19980406	CL19970000938	19970519
CN1170505 C	20041013	CN19971094302	19970520
CN1216908 A	19990519	CN19971094302	19970520
CO4600697 A1	19980508	CO19970025512	19970513
DE69703443 D1	20001207	DE19976003443	19970520
DE69703443 T2	20010308	DE19976003443T	19970520
EG21014 A	20000930	EG19970000441	19970519
EP0900043 A1	19990310	EP19970923194	19970520
EP0900043 B1	20001102	EP19970923194	19970520
ES2151729 T3	20010101	ES19970923194T	19970520
GR3035223 T3	20010430	GR20010400039T	20010111
HU9902134 AB	19991129	HU19990002134	19970520
HU9902134 AC	20020429	HU19990002134	19970520
IL126782 A0	19990817	IL19970126782	19970520
IL126782 A1	20020814	IL19970126782	19970520
JP2000510744 T2	20000822	JP19970541790T	19970520
KR100512825 B1	20051125	KR19980709352	19981119
KR20000015803 A	20000315	KR19980709352	19970520
PL183830 B1	20020731	PL19970329936	19970520
PL329936 A1	19990426	PL19970329936	19970520
PT900043 T	20010228	PT19970923194T	19970520
RO117994 B1	20021230	RO19980001601	19970520
RU2179819 C2	20020227	RU19980123113	19970520
RU98123113 A	20010227	RU19980123113	19970520
SK156998 A3	19990507	SK19980001569	19970520
TR9802373 T2	19990222	TR19980002373T	19970520
TR9802373 T2	19990222	TR19970002373T	19970520
TW554732 Y	20030921	TW20010201454U	19970516
US5884804 A	19990323	US19960650725	19960520
WO9743938 A1	19971127	WO1997GB01362	19970520
ZA9703557 A	19971119	ZA19970003557	19970424

Priority:

US19960650725 19960520 CO19970970255 19970513 WO1997GB01362 19970520
 KR19980709352 19981119

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLI KLARK LTD ; KIMBERLY CLARK CO ; KIMBERLY CLARK LTD ; KIMBERLY CLARK LTD MOLD

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KING TIMOTHY JAMES ; KIMBERLY CLARK LTD CLWYD ; KIMBERLY CLARK MOLD CLWYD LTD ; KIMBERLY CLARK CORP

Inventor(s): (std): KING TIMOTHY JAMES ; KING TIMOTI DZHEJMS ; KING TIMOTHY J ; KING THIMOTY JAMES ; KING THIMOTHY JAMES ; KING T J

Inventor(s): T J KING ; THIMOTY JAMES KING ; TIMOTHY JAMES KING ; TJ KING

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BORDEN LADNER GERVAIS LLP; PORZIO; RAMIRO CASTRO DUQUE; REINHOLD COHN AND PARTNERS

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 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

33) Family number: 18810690 (US3986479A)

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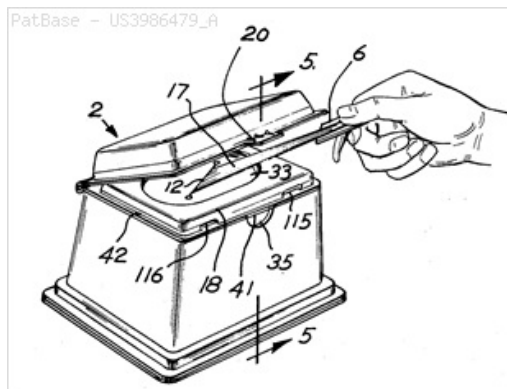
Title: PRE-MOISTENED TOWELETTE DISPENSER

Abstract: Towelette dispenser and vapor impervious pouch containing a roll or web of absorbent material, such as

nonwoven fibrous towelettes pre-moistened with a chemical-containing aqueous or other fluid solution. The pouch is sealed before use to prevent the loss of moisture from the pre-moistened towelette roll and is opened at the point of, and at the time of, first use. A double lid is adapted to provide moisture seal between usages of the pre-moistened towelette, while reducing dehydration of the opened towelette pouch within the dispenser. Feed slit adaptations in the lid provide for selective tearability of individual towelette portions from the roll. The dispenser is adapted to provide a low center of gravity, and the base of the dispenser can cooperatively engage a wall-type holder. The towelette roll contains a leader adapted for ease of feeding through the feed slot upon first use. The web may be folded parallel to the longitudinal axis to provide larger towelettes and improve ease of withdrawal from the dispenser.

Classifications:

International (IPC 8-9): A47K10/16 A47K10/32 A47K10/36 A47K10/38 A47K7/00 B05C11/00 B65D25/52 B65D43/16 B65D83/08 B65H16/00 B65H18/28 (Advanced/Invention); A47K10/32 (Advanced/Non-invention); A47K10/00 A47K10/24 A47K7/00 B05C11/00 B65D25/38 B65D43/16 B65D83/08 B65H16/00 B65H18/00 (Core/Invention)
International (IPC 1-7): A47K/00 A47K10/16 A47K10/22 A47K10/24 A47K10/28 A47K10/32 A47K10/34 A47K10/38 A47K10/42 A47K7/03 B05C11/00 B65D81/22 B65D81/24 B65D83/08
CPC: Y10S206/812 Y10S428/906 Y10T225/253 Y10T225/393 A47K10/185 A47K10/3809 A47K2010/3206 A47K2010/3266 A47K2010/428 B65D43/169 B65D83/0805
European: A47K10/18A A47K10/38B B65D43/16C4 B65D83/08B K47K10/32B K47K10/32W K47K10/42F
US: 118/43 118/506 206/205 206/389 206/409 206/410 206/812 221/46 221/47 221/63 225/106 225/52 383/210 428/906



Family:

Publication number	Publication date	Application number	Application date
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AU197474249 A1	19760415	AU19740074249	19741011
BE820967 A	19750203	BE19740149439	19741011
BR7408486 A	19751104	BR19740008486	19741011
CA1035329 A1	19780725	CA19740211205	19741010
DE2448042 A1	19750417	DE19742448042	19741009
DE2448042 C2	19850711	DE19742448042	19741009
DK534274 A	19750609	DK19740005342	19741011
ES223544 U	19761216	ES19760223544U	19760930
ES223544 Y	19770416	ES19760223544U	19760930
ES224553 U	19770216	ES19740224553U	19741009
ES224553 Y	19770616	ES19740224553U	19741009
FR2257253 A1	19750808	FR19740034124	19741010
FR2257253 B1	19780713	FR19740034124	19741010
FR2262505 A1	19750926	FR19750018717	19750616
FR2262505 B1	19780901	FR19750018717	19750616
IE41616 B	19800213	IE19740002103	19741010
IE41616 L	19750411	IE19740002103	19741010
IT1021757 A	19780220	IT19740053466	19741010
JP1156131 C3	19830715	JP19740116985	19741011
JP50078469 A2	19750626	JP19740116985	19741011
JP57049213 B4	19821020	JP19740116985	19741011
NL7413447 A	19750415	NL19740013447	19741011
NO743647 A	19750505	NO19740003647	19741010
NZ180744 A	19780925	NZ19740180744	19741008
PH14594 A	19811002	PH19740016393	19741010
SE7412754 A	19750414	SE19740012754D	19741010
SE7412754 L	19750414	SE19740012754	19741010
US3986479 A	19761019	US19730405503	19731011
US4101026 A	19780718	US19760680607	19760426
US4535912 A	19850820	US19800109757	19800107
ZA7406456 A	19760526	ZA19740006456	19741009

Priority:

US19730405503 19731011 NZ19740175634 19741008 US19760680607 19760426
US19770858214 19771207 US19800109757 19800107

Probable Assignee: COLGATE PALMOLIVE CO

Assignee(s): (std): COLGATE PALMOLIVE CO TE NEW YORK ; COLGATE PALMOLIVE CO

Assignee(s): COLGATE PALMOLIVE CO NEW YORK N Y US ; BONK JOSEPH P ; MANUFACTURERS HANOVER TRUST CO ; COLGATE PALMOLIVE COMPANY ; COLGATE PALMOLIVE COMPANY TE NEW YORK ; MANUFACTURERS HANOVER TRUST CO AGENT AS ; COLGATE PALMOLIVE CY US ; COLGATE PALMOLIVE CY

Inventor(s): (std): BONK J ; JOSEPH P BONK ; BONK JOSEPH P ; BONK J P

Inventor(s): P BONK JOSEPH

34) Family number: 57599718 (US2014305819A)

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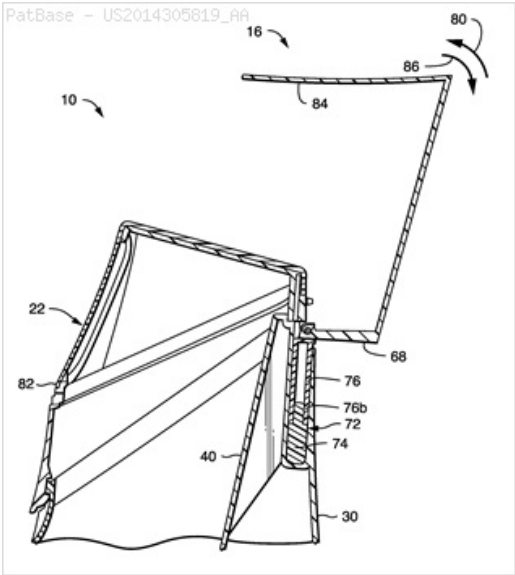
Title: WIPES DISPENSER WITH SELF-CLOSING LID

Abstract: A container for storing wipes that can be dispensed by a consumer is disclosed. The container includes a container body. The container body includes a bottom wall, a midsection, and a top wall. The container body can define an interior cavity for storing the wipes. The container can further include a dispensing aperture in the container body and a lid. The lid is configured to be opened and closed, providing access to the dispensing aperture when open and hindering access to the dispensing aperture when closed. The lid can be urged to the closed position when the lid is in a first range of positions between the open position and the closed position and can be urged to the open position when the lid is in a second range of

positions between the open position and the closed position.

Classifications:

International (IPC 8-9): A47K10/00 A47K10/42 B65D43/16 B65D43/18 B65D51/18 B65D83/08 (Advanced/Invention)
CPC: A47K10/42 A47K10/426 B65D43/16 A47K10/3809 A47K2010/3266 A47K10/00 A47K10/185
US: 206/233 220/827 220/836



Family:

Publication number	Publication date	Application number	Application date
US2014305819 AA	20141016	US20130863135	20130415
US9027749 BB	20150512	US20130863135	20130415
WO14170777 A1	20141023	WO20141B60219	20140327

Priority:

US20130863135 20130415

Probable Assignee: KIMBERLY CLARK CORP

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

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

Inventor(s): (std): SCHLAUPITZ ROBERT ; POSSELL KEVIN C ; JOHNSON KROY D ; HILL ROBERT M ; FULSCHER RYAN L

Agent(s): KIMBERLY CLARK WORLDWIDE INC; KUBICKI H MICHAEL ET AL

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

35) Family number: 1095724 (US3652174A)

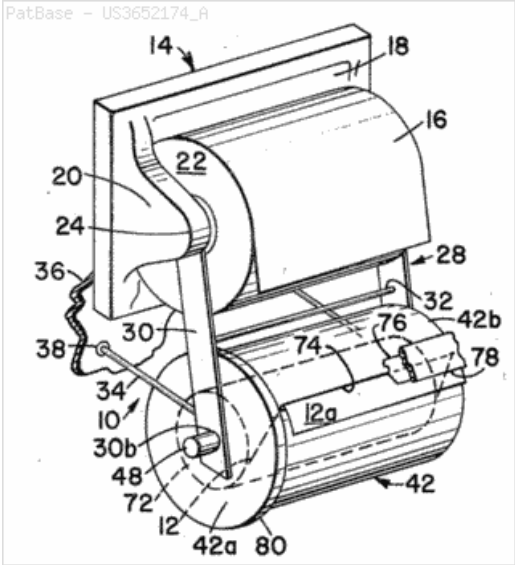
PatBase

Title: HERMETICALLY-SEALED PRODUCTS AND RELATED METHOD FOR CLEANSING AND OTHER USES

Abstract: Products including hermetically sealed, openable, containers enclosing liquid, liquid impregnated, dry and other materials for use alone or in combination with associated or integral components such as sheetlike materials for cleaning, medical or other purposes, together with dispensing components therefor and related method.

Classifications:

International (IPC 8-9): A47K10/16 A47K10/32 A47K10/40 A47K10/42 A47K5/04 B65D83/14 B65D83/16 B65H35/00 (Advanced/Invention); A47K10/00 A47K10/24 A47K5/00 B65D83/14 B65D83/16 B65H35/00 (Core/Invention)
International (IPC 1-7): A47K10/32 B05C1/06 B05C11/02 B05C11/12 B05C5/00 B43K5/14 B65D5/72 B65D85/00 B65H19/06 B65H35/00 D06B1/12
CPC: A47K2010/328 B65D83/20 B65D83/384 B65H35/0046 A47K5/04 A47K10/40 A47K10/16 Y10S242/905 A47K10/421 A47K10/32 A47K2010/3266
European: A47K10/16 A47K10/32 A47K10/40 A47K10/42B A47K5/04 B65D83/14L5 B65D83/16B B65H35/00B2D K47K10/32W K47K10/32W1A
US: 118/200 118/234 118/242 118/264 118/325 118/37 118/41 118/415 118/506 118/7.5 118/75 206/225 206/499 211/119 221/69 222/490 242/55.3 242/560 242/594.5 242/595 242/598.5 242/905 248/317 312/42 396/604 401/132 401/143



Family:

Publication number	Publication date	Application number	Application date
US3652174 A	19720328	US19680715768	19680325
US3707945 A	19730102	US19700048916	19700618
US3744448 A	19730710	US19720238578	19720327

US3796185 A	19740312	US19720236072	19720320
US3824953 A	19740723	US19730356143	19730501
US3830198 A	19740820	US19730334309	19730221
US3837595 A	19740924	US19730428225	19731226

Priority:

US19670678600 19671027	US19680715768 19680325	US19700048916 19700618
US19720236072 19720320	US19720238578 19720327	US19720257745 19720530
US19720678600 19721027	US19730334309 19730221	US19730356143 19730501
US19730428225 19731226		

Probable Assignee:

HYGIENE SYSTEMS INC

Assignee(s): (std):

BOONE P ; PHILIP BOONE

Assignee(s):

BOONE P US ; HYGIENE SYSTEMS INC

Inventor(s): (std):

BOONE P ; BOONE PHILIP

Inventor(s):

PHILIP BOONE ; BOONE P US

36) Family number: 30660742 (US2004115394A)

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Title: WIPES WITH A PLEAT-LIKE ZONE ALONG THE LEADING EDGE PORTION

Abstract: The invention relates to a stack of wipes for use in a wipes dispenser. The stack includes a plurality of wipes, each wipe of the plurality of wipes formed from a portion of a common material. Each wipe includes a leading edge portion with a pleat-like zone located along at least a portion of a length of the leading edge portion and the pleat-like zone is distinct from an adjoining main portion of each wipe. Each wipe is folded upon itself at least once and each wipe is positioned relative to adjacent wipes to form the stack of wipes.

Classifications:

International (IPC 8-9): A47K10/42 B31F1/07 B65H45/24

B65H45/28 (Advanced/Invention);

A47K10/42 B65H45/24 B65H45/28 (Advanced/Non-invention);

A47K10/24 B31F1/00 B65H45/12 B65H45/28 (Core/Invention)

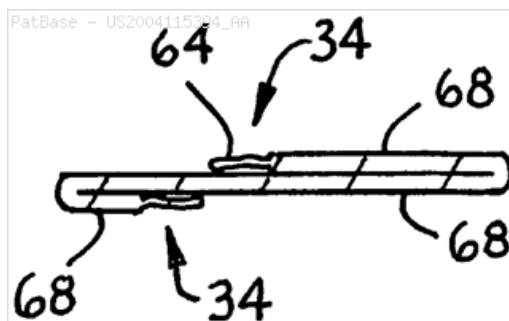
International (IPC 1-7): A47K10/42 B32B3/02 B32B3/04 B65H3/00 B65H45/24 B65H45/28

CPC: Y10T428/24215 Y10T428/24231 Y10T428/24455

Y10T428/24653 A47K10/421 A47K2010/428 B65H45/24 B65H45/28

European: A47K10/42B B65H45/24 B65H45/28 K47K10/42F

US: 206/494 221/100 221/100P 221/48 428/124 428/126 428/126P 428/153 428/177 439/3 439/328 439/359 493/433



Family:

Publication number	Publication date	Application number	Application date
AU2003291806 AA	20040709	AU20030291806	20031118
AU2003291806 BB	20100318	AU20030291806	20031118
EP1581453 A1	20051005	EP20030768990	20031118
EP1581453 B1	20101110	EP20030768990	20031118
ES2350688 T3	20110126	ES20030768990T	20031118
KR101116508 B1	20120228	KR20117004700	20031118
KR20050083999 A	20050826	KR20057009594	20031118
KR20110027850 A	20110316	KR20117004700	20031118
MXPA05005503 A1	20050725	MX2005PA05503	20031118
US2004115394 AA	20040617	US20020318827	20021213
US2005040179 AA	20050224	US20040928548	20040826
US6848595 BB	20050201	US20020318827	20021213
US7465266 BB	20081216	US20040928548	20040826
WO04054916 A1	20040701	WO2003US37050	20031118

Priority:

US20020318827 20021213	WO2003US37050 20031118	US20040928548 20040826
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Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; LANGE SCOTT RICHARD ; CLOSE KENNETH BRADLEY

Inventor(s): (std): CLOSE KENNETH ; CLOSE KENNETH BRADLEY ; LANGE SCOTT RICHARD ; SCOTT RICHARD LANGE ; LANGE SCOTT

Inventor(s): KENNETH BRADLEY CLOSE

Agent(s): SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT; KIMBERLY CLARK WORLDWIDE INC; SCOTT A; MICHAEL J; FOSTER III R JOSEPH; BAUM SCOTT A; R JOSEPH

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 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

37) Family number: 29049747 (US2003167893A)

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Title: APPARATUS AND METHODS USABLE IN CONNECTION WITH DISPENSING FLEXIBLE SHEET MATERIAL FROM A ROLL

Abstract: A powered dispenser for dispensing individual sheet segments from a continuous roll of sheet material provided with spaced tear lines comprises a powered feed mechanism, a releasable, powered drive mechanism, a powered transfer

mechanism, a pair of web sensing sensors, a capacitive sensing system providing automatic sensitivity adjustment, and control circuitry. A dual power supply system provides a mechanical lock-out functionality, and the control system is protected from electrostatic build-up on the surface of the feed roller. The web sensor, and an antenna plate of the capacitive sensing system, are provided on respective printed circuit boards mounted in overlying relation. Utilizing signals received from the pair of web sensors and the capacitive sensing system, the control circuitry senses the presence of a user to activate the powered drive mechanism, and prevents further dispensing of the sheet material until a previously dispensed segment is separated from the roll. The web sensors detection of a leading edge of the sheet material initiates a predetermined interval of sheet material advancement providing a proper placement of successive tear lines. Various approaches may be utilized to accommodate inadvertent sheet "tabbing" scenarios. The web sensors, together with the control circuitry, are also used to detect the depletion, or absence, of a working roll of sheet material, whereupon the control circuitry controls the powered transfer mechanism to automatically transfer the web feed supply from a depleted working roll to a reserve roll. The powered transfer mechanism may include a motor driven transfer bar, or provide motor driven release of a spring biased transfer bar. Another arrangement allows for ready release of a roll core, and drop of the same into an open dispenser cover for removal.

Classifications:

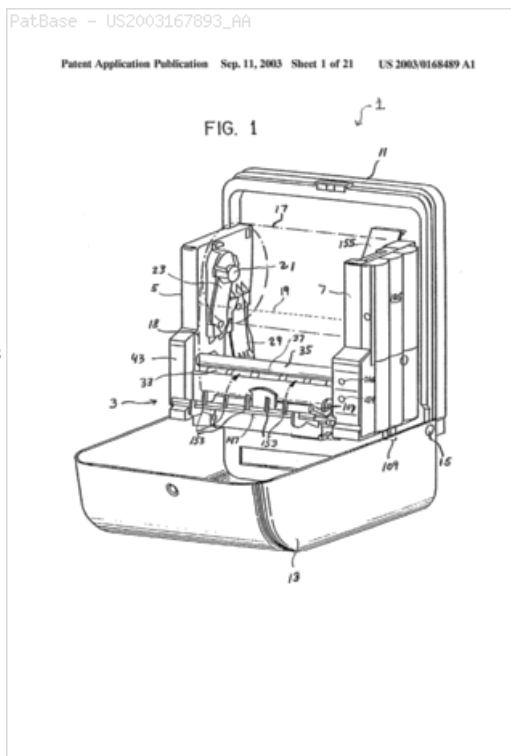
International (IPC 8-9): A47K10/36 B26D7/00 B26F3/02 B65D83/08 B65H16/10 B65H19/00 B65H19/18 B65H23/185 B65H3/00 B65H35/10 B65H43/00 G08B21/00 (Advanced/Invention)

International (IPC 1-7): B26D7/00 B26F3/00 B26F3/02 B65H16/10 B65H19/00 B65H19/16 B65H26/00 B65H35/10 B65H49/34 B65H67/00 G01N27/22 G01R27/26 G01R31/00 G01R33/00

CPC: Y10T83/541 Y10T83/8822 Y10T83/889 Y10T83/896 Y10T225/12 Y10T225/205 Y10T225/209 Y10T225/232 Y10T225/238 Y10T225/268 Y10T225/30 H03K2017/9606 A47K2010/3668 B65H35/10 A47K10/36 A47K10/3612 A47K10/3625 A47K2010/3881

European: A47K10/36 B65H35/10 T03K17/96A1A

US: 221/1 221/1P 221/258 221/36 221/36S 225/10 225/14 225/2 225/2P 225/34 225/39 225/39S 225/65 225/93 225/93S 242/550 242/555.1 242/56 242/560 242/560.1 242/560S 242/563 242/563.2 242/563P 242/564 242/564.1 242/564.100P 242/564.100S 242/564.3 242/564.4 242/564S 324/207.12 324/225 324/409 324/409P 324/658 340/686.6 340/686.600S 83/370 83/614 83/648 83/649 83/649P



Family:

Publication number	Publication date	Application number	Application date
US2003167893 AA	20030911	US20020211333	20020805
US2003168489 AA	20030911	US20020092350	20020307
US2003168549 AA	20030911	US20020211334	20020805
US2003168550 AA	20030911	US20020211280	20020805
US2003169046 AA	20030911	US20020211301	20020805
US2005150992 AA	20050714	US20040925085	20040825
US2008011772 AA	20080117	US20070782227	20070724
US2008087758 AA	20080417	US20070953116	20071210
US2010089939 AA	20100415	US20090603288	20091021
US6710606 BB	20040323	US20020211301	20020805
US6830210 BB	20041214	US20020211334	20020805
US7114677 BB	20061003	US20020211280	20020805
US7237744 BB	20070703	US20040925085	20040825
US7341170 BB	20080311	US20020092350	20020307
US7624664 BB	20091201	US20020211333	20020805
US7698980 BB	20100420	US20070782227	20070724
US7845593 BB	20101207	US20070953116	20071210
US8186551 BB	20120529	US20090603288	20091021

Priority:

US20020092350 20020307	US20020211280 20020805	US20020211301 20020805
US20020211333 20020805	US20020211334 20020805	US20040925085 20040825
US20070782227 20070724	US20070953116 20071210	US20090603288 20091021

Probable Assignee: GPCP IP HOLDINGS LLC

Assignee(s): (std): GEORGIA PACIFIC CONSUMER OPERA ; GEORGIA PACIFIC CORP ; GEORGIA PACIFIC CONSUMER PROD ; SUSI MICHAEL A ; MORRIS ANDREW R

Assignee(s): GPCP IP HOLDINGS LLC ; GEORGIA PACIFIC CONSUMER PRODUCTS LLP ; 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 ; GEORGIA PACIFIC CONSUMER PRODUCTS LP ; GEORGIA PACIFIC CONSUMER OPERATIONS LLC ; CITICORP NORTH AMERICA INC ; COLOR BOX LLC DELAWARE LIABILITY CO LTD ; DIXIE CONSUMER PRODUCTS LLC DELAWARE LIABILITY CO LTD ; GEORGIA PACIFIC CHEMICALS LLC DELAWARE LIABILITY CO LTD

Inventor(s): (std): SUSI MICHAEL A ; MORRIS ANDREW R ; GAHRIS DAVID ; FORMON JOHN S ; BOONE BRUCE T ; MURPHY JAMES H ; ISAKSSON WILL ; DOWD PAUL

Inventor(s): BOONE BRUCE ; FORMON JOHN ; MORRIS ANDREW ; SUSI MICHAEL

Agent(s): BANNER AND WITCOFF; PATENT GROUP GA030-43, GEORGIA-PACIFIC LLC; PATENT GROUP GA030 43 GEORGIA PACIFIC LLC; GEORGIA-PACIFIC LLC; BANNER AND WITCOFF LTD; JOEL T; CHARLTON JOEL T; GEORGIA PACIFIC LLC; DEBORAH K

38) Family number: 56019753 (US2014076918A)

© PatBase

Title: METHODS OF PROVIDING PACKAGES OF WET WIPES WITH IMPROVED WETNESS GRADIENTS AND ASSOCIATED PRODUCT

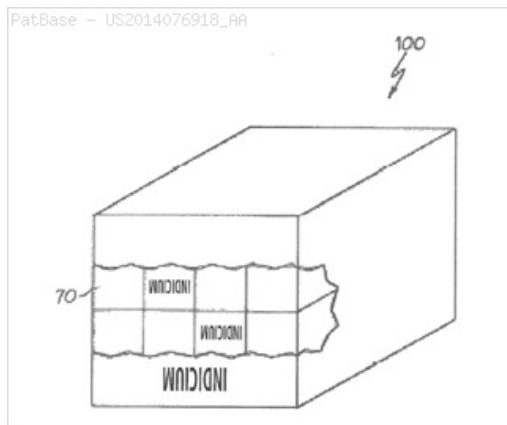
Abstract: A method for improving the wetness gradient of a plurality of packages containing stacks of wet wipes, and the associated container, are disclosed. The method may include the steps of providing a plurality of packages of wet wipes, disposing the primary packages in the interior space of a container bearing an indicium that is easily legible when the container is upside-down, inverting the container and thereby the packages to the upside-down orientation, and shipping the container in the upside-down position. The associated product may be the container bearing the indicium and containing the packages of wet wipes.

Classifications:

International (IPC 8-9): A47K10/42 A47K7/00 B65D B65D25/20 B65D5/42 B65D77/02 B65D77/04 B65D83/08 (Advanced/Invention); B65D (Subclass/Invention)

CPC: B65D5/4216 B65D77/02 B65D83/0805 B65D81/22

US: 221/45



Family:

Publication number	Publication date	Application number	Application date
CA2885640 AA	20150319	CA20132885640	20130913
CA2885640 C	20171024	CA20132885640	20130913
DE602013014171 D1	20170105	DE201360014171T	20130913
EP2897881 A1	20150729	EP20130767197	20130913
EP2897881 B1	20161116	EP20130767197	20130913
ES2613232 T3	20170523	ES20130767197T	20130913
IL237348 A0	20150430	IL20130237348	20130913
JP2015535780 T2	20151217	JP20150532055T	20130913
PL2897881 T3	20170531	PL20130767197T	20130913
US2014076918 AA	20140320	US20120622586	20120919
WO14046967 A1	20140327	WO2013US59569	20130913

Priority:

US20120622586 20120919 EP20130767197 20130913 WO2013US59569 20130913

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; WHITE JEFFREY STEVEN ; SNIDER LUKE ANTHONY ; PROCTER AND GAMBLE CO CINCINNATI ; HAILEY KERRI CRAIN ; MINUTILLO LUCA

Inventor(s): (std): MINUTILLO LUCA ; SNIDER LUKE ; SNIDER LUKE ANTHONY ; HAILEY KERRI ; HAILEY KERRI CRAIN ; WHITE JEFFREY ; WHITE JEFFREY STEVEN

Inventor(s): WHITE JEFFREY STEVEN CINCINNATI ; HAILEY KERRI CRAIN CINCINNATI ; SNIDER LUKE ANTHONY CINCINNATI

Agent(s): DIMOCK STRATTON LLP; WILSON LUE LLP; MATHER PETER GEOFFREY; DEL VALLE SONIA; NAGAI HIROSHI; GUFFEY TIMOTHY B

Designated states: AE AG AL 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 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

39) Family number: 61183759 (US2017127889A)

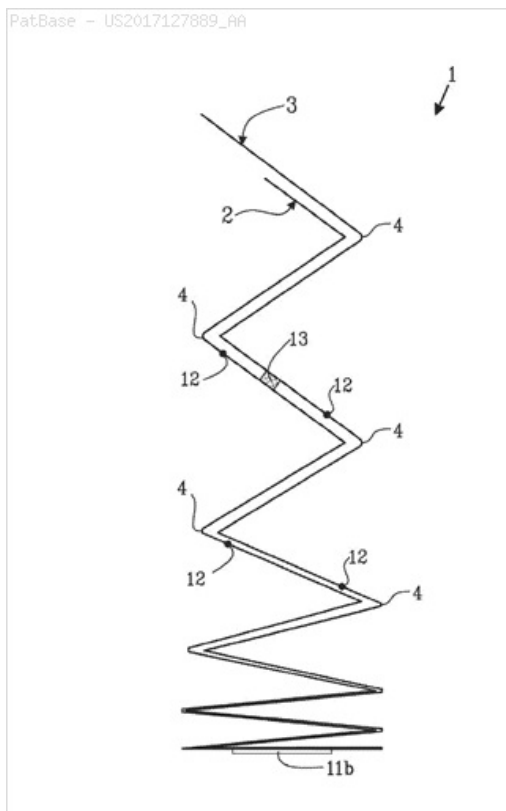
© PatBase

Title: A CONNECTOR MATERIAL, METHOD FOR MANUFACTURING A CONNECTOR MATERIAL AND METHOD FOR MANUFACTURING INDIVIDUAL CONNECTORS

Abstract: A connector material including a first mechanical connector structure and a second mechanical connector structure, the first and second mechanical connector structures being two corresponding structures, each structure being capable of forming a mechanical interconnection with said other structure, and being incapable of forming a mechanical interconnection with an identical structure, the first and second connector structures being arranged in a selected pattern. Also, a method for manufacturing a connector material, and a method for manufacturing individual connectors from a connector material.

Classifications:

International (IPC 8-9): A44B18/00 A47K10/16 A47K10/20 A47K10/34 A47K10/36 A47K10/42 B65H45/24 F16B1/00 F16B5/00 (Advanced/Invention); A47K10/20 A47K10/36 B65H45/24 F16B1/00 F16B5/00 (Advanced/Non-invention)



Family:

Publication number	Publication date	Application number	Application date
AU2014398268 AA	20151223	AU20140398268	20140619
AU2014398268 BB	20170223	AU20140398268	20140619
BR112016028010 A2	20170822	BR20161128010	20140619
CA2952004 AA	20161212	CA20142952004	20140619
CN106455764 A	20170222	CN201580032709	20150316
CN106470583 A	20170301	CN201480079937	20140619
CO20160005905 A2	20170609	CO20160005905	20161227
EP3157371 A1	20170426	EP20150809880	20150316
EP3157371 A4	20180418	EP20150809880	20150316
EP3157402 A1	20170426	EP20140895262	20140619
EP3157402 A4	20180103	EP20140895262	20140619
IN201717001212 A	20170505	IN201717001212	20170111
MX2016016574 A1	20170427	MX20160016574	20140619
RU2017101527 A	20180725	RU20170101527	20150316
RU2017101527 A3	20180727	RU20170101527	20150316
RU2655195 C1	20180524	RU20170101575	20140619
UA117873 C2	20181010	UA20170000464	20140619
US2017127889 AA	20170511	US20150319612	20150316
US2017135533 AA	20170518	US20140319594	20140619
WO15195017 A1	20151223	WO2014SE50764	20140619
WO15195025 A1	20151223	WO2015SE50290	20150316

Priority:

WO2014SE50764 20140619 RU20170101527 20150316 WO2015SE50290 20150316

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB

Assignee(s): ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; LARSSON BJORN

Inventor(s): (std): BJOERN LARSSON ; LARSSON BJOERN ; LARSSON BJORN

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; JOSE ANDRES RINCON USCATEGUI; VALEA AB; OOO YURIDICHESKAYA GORODISSKIY I PARTNERY FA

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

40) Family number: 24204760 (US2002020709A)

© PatBase

Title: Wet wipes container having improved strength

Abstract: A container including a container base and a container lid that is connected to the container base. The container base includes a bottom and a front wall, a rear wall and a pair of opposed side walls that extend upwardly from the bottom to provide an interior for containing the wet wipes. At least one of the walls has a plurality of generally linear ribs formed therein.

Classifications:

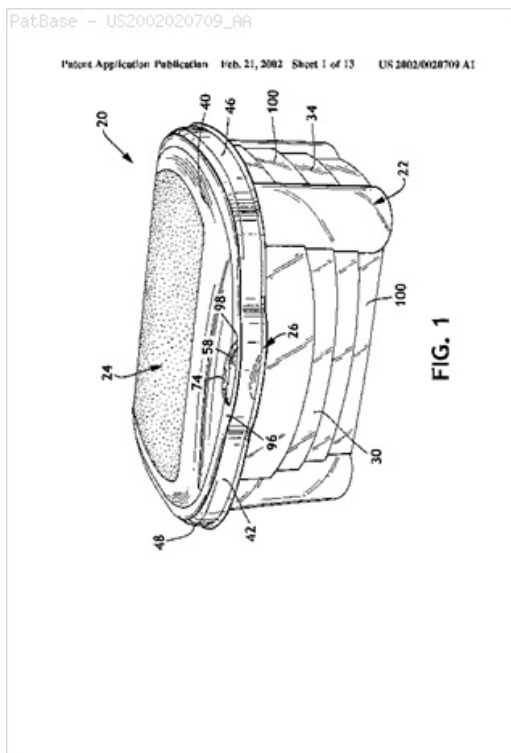
International (IPC 8-9): A47K7/00 B65D1/44 B65D43/16 B65D43/22 B65D6/00 B65D6/36 B65D6/38 B65D8/02 B65D83/08 (Advanced/Invention); A47K10/32 A47K7/00 B65D83/08 (Advanced/Non-invention); A47K7/00 B65D43/14 B65D43/16 B65D6/00 B65D8/00 B65D83/08 (Core/Invention); A47K10/24 (Core/Non-invention); B65D (Subclass/Invention)

International (IPC 1-7): A47K7/00 B65D B65D1/44 B65D43/16 B65D43/22 B65D43/24 B65D45/16 B65D6/08 B65D6/10 B65D6/28 B65D83/08 B65D85/62

CPC: B65D43/164 B65D2251/1058 B65D11/22 B65D2251/1008 A47K2010/3266

European: B65D11/22 B65D43/16C1 K47K10/32W L65D251/10B L65D251/10D5

US: 206/1.5 206/15 220/324 220/675 220/832 220/835 220/836 220/837 220/841 220/845 D3/302 D7/629 D9/424



Family:

Publication number	Publication date	Application number	Application date
AU200050480 A1	20010604	AU20000050480	20000526
AU200050480 A5	20010604	AU20000050480D	20000526
AU200053015 A1	20010604	AU20000053015	20000526
AU200053015 A5	20010604	AU20000053015D	20000526
AU200053016 A1	20010604	AU20000053016	20000526
AU200053016 A5	20010604	AU20000053016D	20000526
AU2001261204 AA	20011120	AU20010261204	20010504
AU768588 B2	20031218	AU20000050480	20000526
BRPI0015960 A	20021126	BR2000PI15960	20000526
CA2392242 AA	20010531	CA20002392242	20000526
CA2392247 AA	20010531	CA20002392247	20000526
CA2392252 AA	20010531	CA20002392252	20000526
CA2406637 AA	20021009	CA20012406637	20010504
CN1168641 C	20040929	CN20008016373	20000526
CN1402688 A	20030312	CN20008016373	20000526
DE60031879 D1	20061228	DE20006031879	20000526
DE60031879 D1	20061228	DE20006031879T	20000526
DE60031879 T2	20070308	DE20006031879T	20000526
EP1233912 A1	20020828	EP20000932806	20000526
EP1233912 B1	20061115	EP20000932806	20000526
JP2003514730 T2	20030422	JP20010539756T	20000526
KR20020059805 A	20020713	KR20027006794	20000526
MXPA02005272 A1	20021107	MX2002PA05272	20000526
MXPA02005273 A1	20021107	MX2002PA05273	20000526
MXPA02005274 A1	20021107	MX2002PA05274	20000526
MXPA02010636 A1	20030310	MX2002PA10636	20010504
RU2002118319 A	20040320	RU20020118319	20000526
RU2243931 C2	20050110	RU20020118319	20000526
US2002020709 AA	20020221	US20010849571	20010504
US6269969 BA	20010807	US20000565793	20000505
US6269970 BA	20010807	US20000565794	20000505
US6401968 BA	20020611	US20000565969	20000505
USD437686 S1	20010220	US19990114612F	19991129
WO0138187 A1	20010531	WO2000US14758	20000526
WO0138188 A1	20010531	WO2000US14760	20000526
WO0138189 A1	20010531	WO2000US14761	20000526
WO0185551 A2	20011115	WO2001US14531	20010504
WO0185551 A3	20020328	WO2001US14531	20010504
ZA200203747 A	20040308	ZA20020003747	20020510

Priority:

US19990114612F 19991129	US20000202290P 20000505	US20000565794 20000505
US20000565969 20000505	US20000565793 20000505	WO2000US14760 20000526
WO2000US14761 20000526	WO2000US14758 20000526	US20010849571 20010504
WO2001US14531 20010504		

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; STUDEE STEPHEN BERNARD

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; BALZAR TAMMY JO ; CHRISTIANSON RODNEY CARLTON ; COLE DOUGLAS BRYAN ; HUANG YUNG HSIANG

Inventor(s): (std): YH HUANG ; TAMMY JO BALZAR ; STUDEE STEPHEN BERNARD ; STUDEE BERNARD ; HUANG YUNG HSIANG ; HUANG HSIANG ; DOUGLAS BRYAN COLE ; DB COLE ; COLE DOUGLAS BRYAN ; COLE BRYAN ; CHRISTIANSON RODNEY CARLTON ; CHRISTIANSON CARLTON ; RC CHRISTIANSON ; BALZAR TAMMY JO ; BALZAR JO

Inventor(s): Y H HUANG ; R C CHRISTIANSON ; D B COLE ; KRISTIEHNSON RODNI KARLTON ; KOUL DUGLAS BRAJAN ; KHUANG JUNG KHSIANG ; BEHLZAR TEHMMI DZHO ; STEPHEN BERNARD STUDEE ; ST JUDI STIVEN BERNARD ; RODNEY CARLTON CHRISTIANSON ; YUNG HSIANG HUANG

Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP

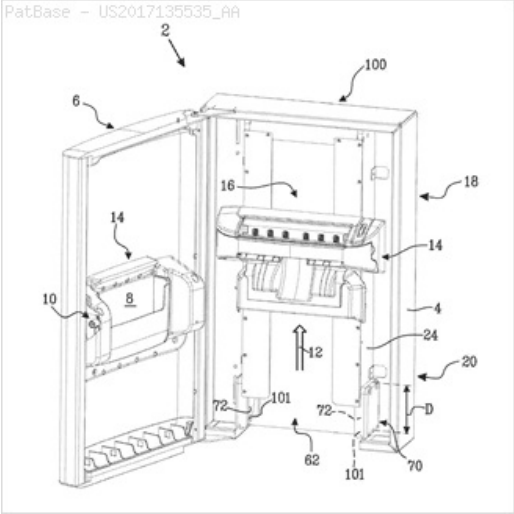
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD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

41) Family number: 61183761 (US2017135535A) © PatBase

Title: DISPENSER AND METHOD OF REPLENSIHING A DISPENSER

Abstract: A dispenser for dispensing a sheet of web material from a stack of folded web material, the dispenser including: a web material storage section arranged to hold and support the stack of folded web material; the web material storage section including an upper end portion from which the web material is arranged to be lead for dispensing thereof, a lower end portion, opposite to the upper end portion, the upper end portion and lower end portion being arranged in a fixed spatial relationship. The lower end portion of the web material storage section includes a loading opening and a supporting arrangement, arranged to be movable between a support position wherein the supporting arrangement extends at least partially over said loading opening enabling the support of the stack of folded web material, and an insert position.

Classifications:
International (IPC 8-9): A47K A47K10/34
A47K10/42 (Advanced/Invention)
CPC: A47K2010/3681 A47K10/422 A47K10/34 A47K10/421



Family:

Publication number	Publication date	Application number	Application date
AU2014398269 AA	20151223	AU20140398269	20140619
AU2014398269 BB	20180913	AU20140398269	20140619
CN106535728 A	20170322	CN201480079942	20140619
CO20160005664 A2	20170510	CO20160005664	20161221
EP3157403 A1	20170426	EP20140895312	20140619
EP3157403 A4	20180314	EP20140895312	20140619
HK1230458 A1	20171208	HK20170104459	20170504
MX2016016710 A1	20170425	MX20160016710	20140619
RU2657217 C1	20180608	RU20170101526	20140619
US2017135535 AA	20170518	US20140320230	20140619
WO15195018 A1	20151223	WO2014SE50765	20140619

Priority:
WO2014SE50765 20140619

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): BJOERN LARSSON ; DAVID SAHLIN ; LARS THOREN ; LARSSON BJOERN ; LARSSON BJORN ; MOELLER PER ; MOLLER PER ; PER MOELLER ; SAHLIN DAVID ; THOREN LARS

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; NTD PATENT AND TRADE MARK AGENCY LTD; OOO YURIDICHESKAYA GORODISSKIY I PARTNERY FA

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

42) Family number: 50180797 (US2011311345A) © PatBase

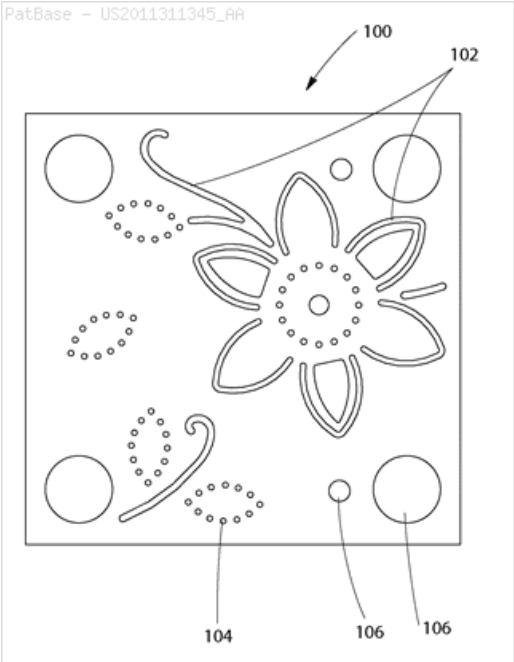
Title: HIGH ROLL DENSITY FIBROUS STRUCTURES

Abstract: A roll of fibrous structure. The fibrous structure can be embossed and have a basis weight of less than about 45

pounds per 3000 square feet. The roll can have a roll diameter greater than about 6.5 inches and a roll density of greater than about 0.09 grams per cubic centimeter. The roll can also have a dispensed to effective caliper ratio of greater than about 1.01.

Classifications:

International (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: D21H27/00D L31F201/07C2D3G L31F201/07C2D3J
US: 162/100 162/100S 162/109 162/109S 162/114 162/114S
414/800 414/800P



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

Priority:

US20100356208P	20100618	CA20112803084	20110615	WO2011US40513	20110615
US20110162630	20110617	CA20162803084	20160511	US20170460321	20170316

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

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; DIMOCK STRATTON LLP; WILSON LUE LLP; CABINET PLASSERAUD; THE PROCTER AND GAMBLE COMPANY

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

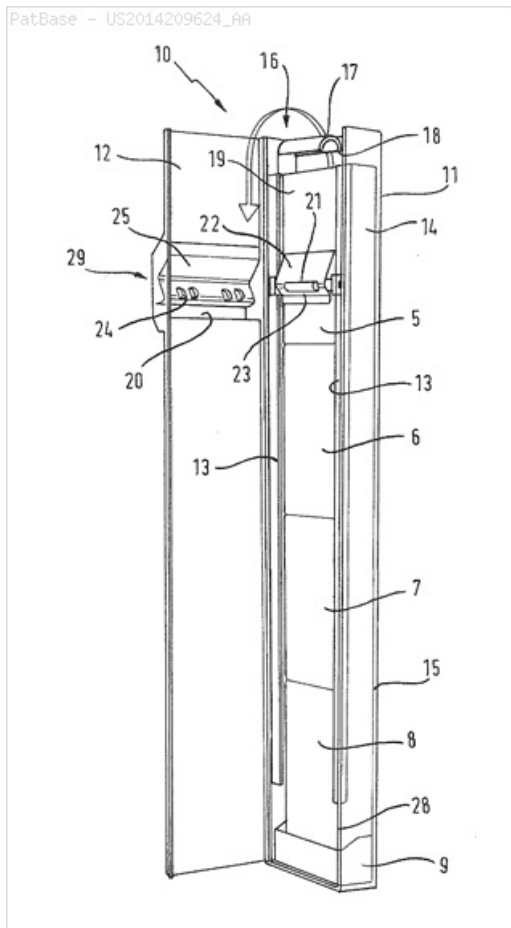
43) Family number: 52811857 (US2014209624A) © PatBase

Title: DISPENSER AND STACK OF SHEET PRODUCTS

Abstract: A dispenser and a stack combination. The stack is a stack of interfolded webs wherein the lines of weakness of one web are offset from the lines of weakness of another web in a longitudinal direction, and the stack including at least two webs, the webs including: a first web (1) divided into individual hygiene products by means of lines of weakness (12); and a second web (2) divided into individual hygiene products by means of lines of weakness (22); the first web and the second web being interfolded with one another so as to form a nested configuration, wherein the first web and the second web are joined, at a joint, to one another at a leading portion (4) and/or at a trailing portion (4?) of the web.

Classifications:

International (IPC 8-9): A47K A47K10/42 B65H
B65H45/24 (Advanced/Invention);
B65H (Subclass/Invention)
CPC: B65H45/24 A47K10/42 A47K10/426
US: 221/45

**Family:**

Publication number	Publication date	Application number	Application date
AR087031 AA	20140205	AR2012P102393	20120702
AU2011373053 AA	20130117	AU20110373053	20110713
AU2011373053 BB	20151029	AU20110373053	20110713
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CA2841383 AA	20140110	CA20112841383	20110713
CA2841383 C	20151124	CA20112841383	20110713
CN103648936 A	20140319	CN201180072200	20110713
CN103648936 B	20160817	CN201180072200	20110713
CO6940392 A2	20140509	CO20140030020	20140212
DE602011019602 D1	20151022	DE201160019602T	20110713
EP2731896 A2	20140521	EP20110730702	20110713
EP2731896 B1	20150909	EP20110730702	20110713
ES2547434 T3	20151006	ES20110730702T	20110713
HU028107 T2	20161128	HU20110730702T	20110713
IN00978DN2014 A	20160610	IN2014DN00978	20140210
MX2014000523 A1	20140219	MX20140000523	20110713
MX341398 B	20160818	MX20140000523	20110713
RU2014105168 A	20150820	RU20140105168	20110713
RU2560849 C1	20150820	RU20140105168	20110713
TR201513331 T4	20151123	TR20150013331T	20110713
US2014209624 AA	20140731	US20110131744	20110713
WO13007302 A2	20130117	WO2011EP61938	20110713
WO13007302 A3	20130328	WO2011EP61938	20110713
ZA201400790 A	20141126	ZA20140000790	20140203

Priority:

EP20110730702 20110713 WO2011EP61938 20110713 CO20140030020 20140212

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): LARSSON BJOERN ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; LARSSON BJORN ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): BJOERN LARSSON ; LARSSON B ERN ; LARSSON BJORN ; LARSSON BJOERN

Inventor(s): BJORN LARSSON ; LARSSO BJOERN

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; LUZ CLEMENCIA DE PAEZ; HOFFMANN EITL PATENT U RECHTSANWALTE PARTMBB; HOFFMANN EITL; UNGRIA JAVIER; EMIN KORHAN DERICIOGLU; SACH GREG ET AL

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

Title: DISPENSER

Abstract: A dispenser for perforated web of absorbent paper, tissue, or nonwoven material in the form of a roll or a stack includes a housing forming a compartment, a passage arrangement defining a web passage, and an oblong dispensing opening. Inside the compartment, a web path is defined from a position of the roll or the stack to the oblong dispensing opening including the web passage. An edge portion at each of two lateral short sides of the oblong dispensing opening arranged at a distance from each other narrower than a width of the web separates a sheet from the web along a perforation. The web path changes direction as it passes over a straight edge arranged alongside, and perpendicularly to, the web path. The straight edge, the web passage, and the oblong dispensing opening are arranged directly adjacent to each other in that order seen in a direction of dispensing.

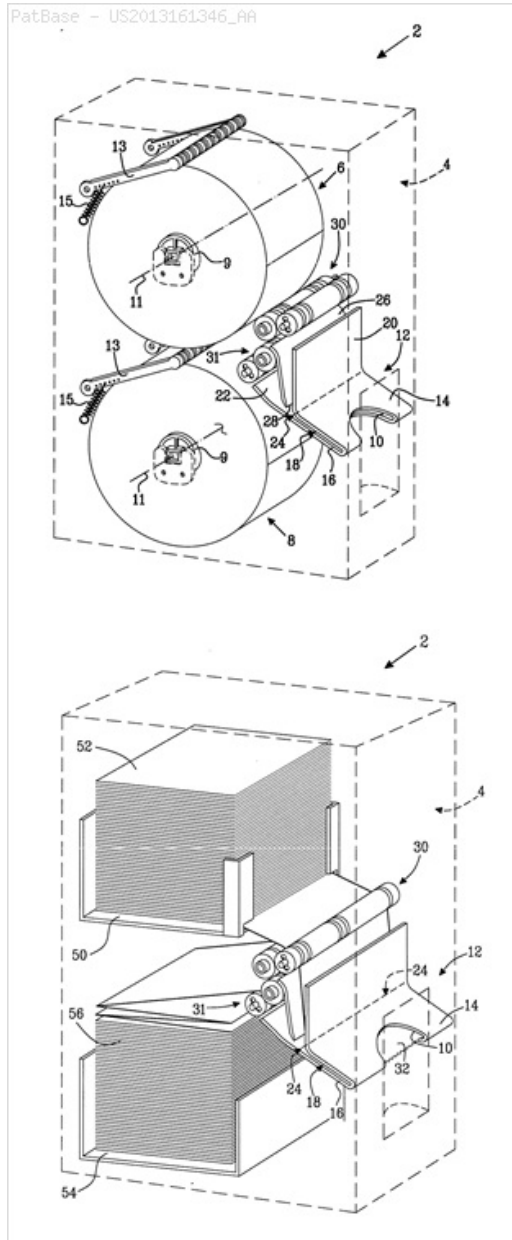
Classifications:

International (IPC 8-9): A47K10/36 A47K10/38 A47K10/42 (Advanced/Invention)

CPC: A47K10/36 A47K10/421 A47K10/424 A47K10/38 A47K2010/3253 A47K2010/3863

European: A47K10/38 K47K10/32R K47K10/38R

US: 221/26 242/562

**Family:**

Publication number	Publication date	Application number	Application date
■ CN102984979 A	20130320	CN201180033882	20110630
■ EP2590544 A1	20130515	EP20110803900	20110630
■ EP2590544 A4	20140219	EP20110803900	20110630
■ RU2013105270 A	20140820	RU20130105270	20110630
■ US2013161346 AA	20130627	US20110808257	20110630
■ WO12005669 A1	20120112	WO2011SE50882	20110630

Priority:

SE20100050767 20100708 WO2011SE50882 20110630

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): NILSSON ULRIKA ; SCA HYGIENE PROD AB ; WOLME LISA ; WOLMNE LISA

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): NILSSON ULRIKA ; WOLMNE LISA ; WOLME LISA

Agent(s): VALEA AB

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

45) Family number: 56777959 (WO1409866A1)

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Title: STACK OF Z-FOLDED WEB WITH CONNECTOR TO ANOTHER STACK

Abstract: The present invention relates to a stack (1) of web material for hygiene products, for use in a dispenser, comprising at least one continuous web material (2, 3) being Z-folded about transverse folding lines (4), thereby providing panels having a length (L) along said folding lines, and a width (W) perpendicular to said folding lines, said panels being piled on top of each other to form a height (H) of said stack extending between a first end surface (5) and a second end surface (6) of the stack 1, and said first end surface (5) being provided with a first mechanical connector (11a), and said second end surface (6) being provided with a second mechanical connector (11b), said first and second connectors (11a, 11b) being adapted for mechanical interconnection of the first end surface (5) of the stack to a second end surface (6) of another, similar stack, and/or of the second end surface (6) of the stack to a first end surface (5) of another, similar stack via said connectors (11a, 11b). The total area of the first end surface (5) covered by the first connector (11a) being smaller than the total area of the second end surface (6) covered by the second connector (11b).

Classifications:

International (IPC 8-9): A47K10/16 A47K10/42 (Advanced/Invention)

CPC: B65D85/62 A47K2010/428

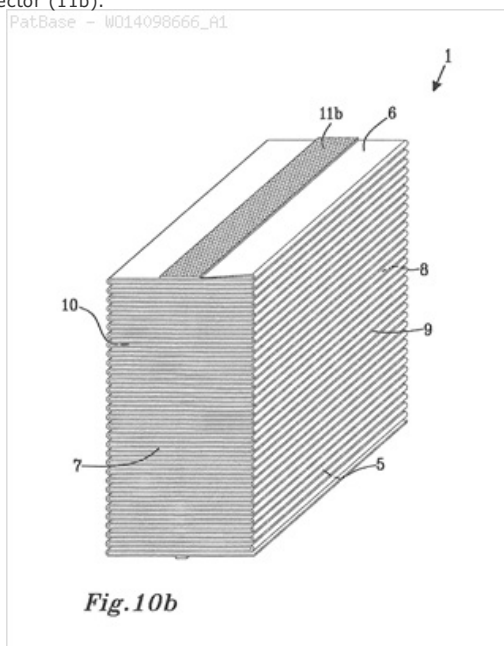


Fig. 10b

Family:

Publication number	Publication date	Application number	Application date
WO1409866 A1	20140626	WO2012SE51435	20121219

Priority:

WO2012SE51435 20121219

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): BENGTSOON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJOERN

Agent(s): VALEA AB

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

46) Family number: 56777960 (US2015327732A)

© PatBase

Title: STACK OF Z-FOLDED WEB MATERIAL

Abstract: A stack of web material for hygiene products, for use in a dispenser, including at least one continuous web material being Z-folded about transverse folding lines, thereby providing panels having a length along the folding lines, and a width perpendicular to the folding lines, the panels being piled on top of each other to form a height of the stack, such that the stack outlines a rectangular parallelepiped having the length, width and height, and forming six outer surfaces, namely a top and a bottom surface, being parallel to the panels of the stack, two side surfaces, including the longitudinal edges of the web material, and a front and a back surface, including the folded edges of the web material. The height of the stack is greater than 17 cm.

Classifications:

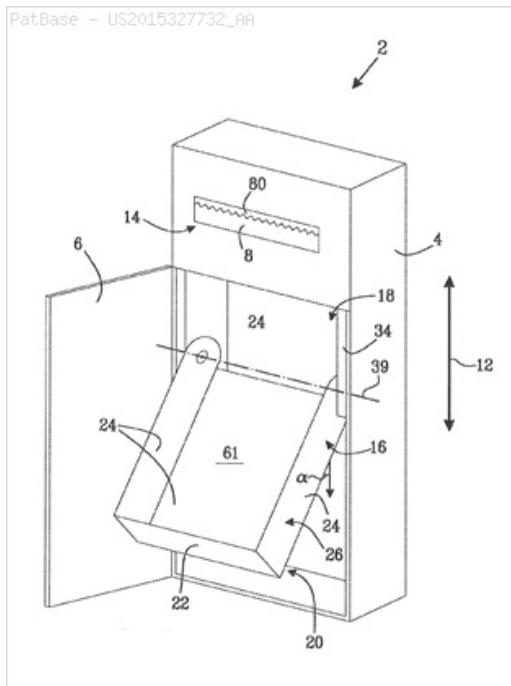
International (IPC 8-9): A47K10/16 A47K10/20 A47K10/34

A47K10/42 (Advanced/Invention)

CPC: A47K2010/428 A47K10/16 A47K10/20 A47K10/34 Y10T428/13

Y10T428/15 Y10T428/24231 B65D85/62

US: 312/34.1 414/800 428/126 428/34.1 428/43

**Family:**

Publication number	Publication date	Application number	Application date
■ CN104955369 A	20150930	CN201280078176	20121219
■ EP2934257 A1	20151028	EP20120890432	20121219
■ RU2015129096 A	20170125	RU20150129096	20121219
■ US2015327732 AA	20151119	US20120653591	20121219
■ WO14098665 A1	20140626	WO2012SE51434	20121219

Priority:

WO2012SE51434 20121219

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB**Inventor(s):** (std): BENGTSSON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJOERN ; LARSSON BJORN**Agent(s):** VALEA AB

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

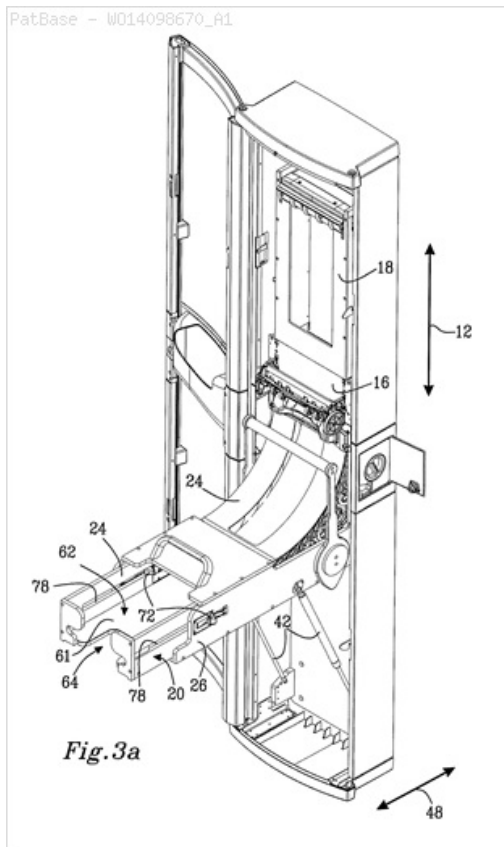
47) Family number: 56777962 (WO14098670A1)

© PatBase

Title: DISPENSER

Abstract: A dispenser (2) for dispensing a sheet of web material from a stack of folded web material is provided. The dispenser (2) comprises: a housing (4) arranged to be positioned along a vertical direction (12), a dispensing arrangement (14) including a dispensing opening (8) for the web material in the housing (4), and a web material storage section (16) inside the housing (4) arranged to hold and support the stack of folded web material. The web material storage section (16) comprises an upper end portion (18) and opposite thereto a lower end portion (20), and a stack supporting surface. The web material is arranged to be lead to the dispensing arrangement (14) from the upper end portion (18) and the stack of folded web material is arranged to be supported by the stack supporting surface. The dispenser (2) comprises a supporting arrangement (72) for supporting, at least temporarily, the stack of folded web material at a distance from the stack supporting surface.

Classifications:**International (IPC 8-9):** A47K10/34 A47K10/42 (Advanced/Invention)**CPC:** A47K10/427 A47K10/44 A47K2010/3681 A47K2010/428 A47K10/36

**Family:**

Publication number	Publication date	Application number	Application date
WO14098670 A1	20140626	WO2012SE51439	20121219

Priority:

WO2012SE51439 20121219

Probable Assignee: SCA HYGIENE PROD AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB**Inventor(s):** (std): LARSSON BJOERN ; MOELLER PER ; SAHLIN DAVID ; THOREN LARS**Agent(s):** VALEA AB

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

48) Family number: 56777963 (US2016022097A)

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Title: PACKAGE COMPRISING A STACK OF Z-FOLDED WEB MATERIAL

Abstract: A package of web material for hygiene products, for use in a dispenser, including: a stack including web material being folded about transverse folding lines, thereby providing panels having a length along said folding lines, and a width perpendicular to said folding lines, said panels being piled on top of each other to form a height of said stack, such that said stack outlines a rectangular parallelepiped, and forming six outer surfaces, including the folded edges of the web material, and a wrapper extending at least over said height direction, so as to maintain the integrity of the stack during transport and storage thereof. The wrapper includes an opening feature for predetermined opening of the package, and said package is configured to be openable such that the wrapper is removable from the integrity of the stack while the stack is resting on an outer surface thereof.

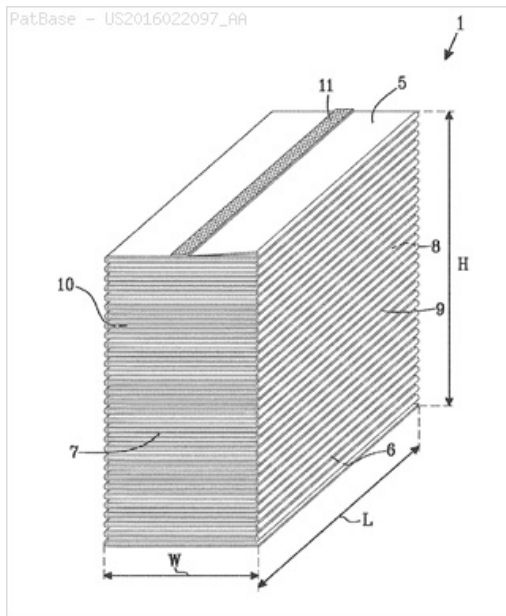
Classifications:

International (IPC 8-9): A47K10/16 A47K10/42 B65B69/00 B65D71/34 B65D75/58 B65D85/62 (Advanced/Invention)

CPC: B65D75/5855 A47K10/42 B65D71/34 B65B69/0025

B65D2571/00555 A47K2010/428 B65D75/5827 B65D85/62

US: 206/494 53/492

**Family:**

Publication number	Publication date	Application number	Application date
AU2012397372 AA	20140626	AU20120397372	20121219
BR112015014517 A2	20170815	BR20151114517	20121219
CA2893868 AA	20150604	CA20122893868	20121219
CN104869879 A	20150826	CN201280077759	20121219
EP2934258 A1	20151028	EP20120890479	20121219
IN04284DN2015 A	20160624	IN2015DN04284	20150519
MX2015007970 A1	20151022	MX20150007970	20121219
RU2015129509 A	20170124	RU20150129509	20121219
US2016022097 AA	20160128	US20120653557	20121219
WO14098667 A1	20140626	WO2012SE51436	20121219

Priority:

WO2012SE51436 20121219

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; BENGTSOON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJORN**Inventor(s):** (std): BENGTSOON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJ RN ; LARSSON BJOERN ; LARSSON BJORN**Inventor(s):** MATTIAS ; MATTIAS BENGTSOON ; BENGTSOON ; GUNNEL ; GUNNEL ELGLUND ; LARSSON ; BJOERN ; BJOERN LARSSON ; ELGLUND**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; VALEA AB

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

49) Family number: 56777965 (US2016000277A)

© PatBase

Title: PACKAGE COMPRISING STACK OF Z-FOLDED WEB MATERIAL

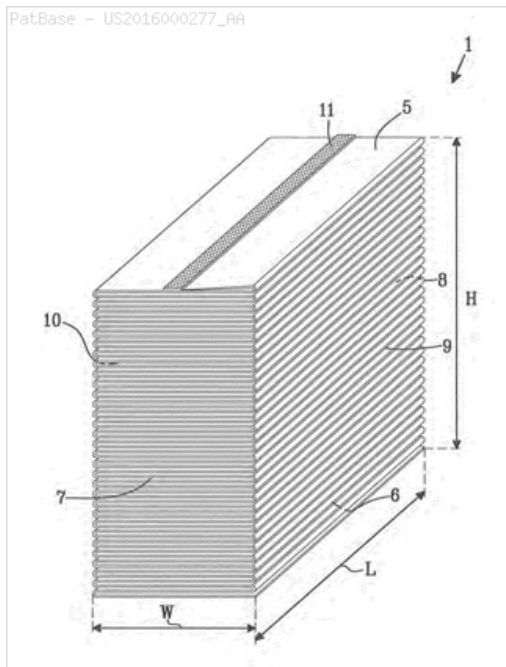
Abstract: A package for web material for hygiene products, for use in a dispenser, including: a stack of web material for hygiene products, including web material being folded about transverse folding lines, thereby providing panels having a length along said folding lines, and a width perpendicular to said folding lines, said panels being piled on top of each other to form a height of said stack, and a wrapper including a wraparound strip encircling said stack and extending over said height of the stack, so as to maintain the integrity of the stack during transport and storage thereof, the wraparound strip forming a joint region, where a first end of the wraparound strip is adhered to a second end of the wraparound strip using a closure, and a gripper, being arranged adjacent said first end of the wraparound strip, enabling gripping of said wrapper for removal thereof from the stack.

Classifications:

International (IPC 8-9): A47K10/16 A47K10/42 B65B69/00 B65D65/14 B65D71/34 B65D85/62 (Advanced/Invention)

CPC: B65D75/5827 B65D75/5855 A47K10/42 B65D65/14 B65D71/34 B65B69/0025 B65D2571/00555 A47K2010/428 B65D85/62

US: 206/459.5 206/494 53/492

**Family:**

Publication number	Publication date	Application number	Application date
AU2012397349 AA	20140626	AU20120397349	20121219
BR112015014521 A2	20170815	BR20151114521	20121219
CA2894029 AA	20150605	CA20122894029	20121219
CN104869878 A	20150826	CN201280077757	20121219
EP2934256 A1	20151028	EP20120890277	20121219
IN04341DN2015 A	20151127	IN2015DN04341	20150520
MX2015007958 A1	20151008	MX20150007958	20121219
RU2015129109 A	20170126	RU20150129109	20121219
US2016000277 AA	20160107	US20120653614	20121219
WO14098668 A1	20140626	WO2012SE51437	20121219

Priority:

WO2012SE51437 20121219

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; BENGSSON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJORN**Inventor(s):** (std): BENGSSON MATTIAS ; ELGLUND GUNNEL ; LARSSON BJ RN ; LARSSON BJOERN ; LARSSON BJORN**Inventor(s):** MATTIAS ; MATTIAS BENGSSON ; BENGSSON ; GUNNEL ; GUNNEL ELGLUND ; LARSSON ; BJOERN ; BJOERN LARSSON ; ELGLUND**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; VALEA AB**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**50) Family number: 56777966** (US2015313425A)

© PatBase

Title: DISPENSER AND METHOD OF REPLENISHING A DISPENSER

Abstract: A dispenser for dispensing a sheet of web material from a stack of folded web material comprises: a housing arranged to be positioned along a vertical direction, a dispensing arrangement including a dispensing opening for the web material in the housing, and a web material storage section inside the housing arranged to hold and support the stack of folded web material. The web material storage section comprises, seen along the vertical direction, an upper end portion and opposite thereto a lower end portion. The web material storage section comprises a displaceable portion. The displaceable portion comprises the lower end portion. The lower end portion, seen along the vertical direction, is arranged substantially underneath the upper end portion when the displaceable portion is arranged in a dispensing position. In a tilted loading position the lower end portion is positioned beside and below the upper end portion, seen along the vertical direction.

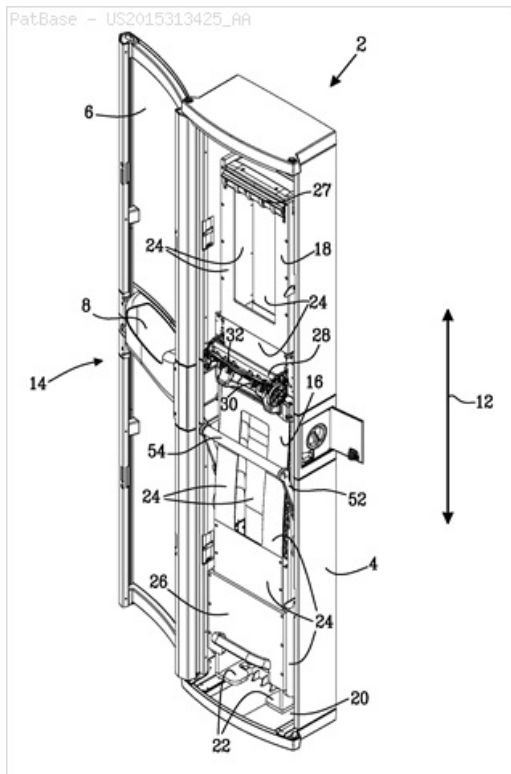
Classifications:**International (IPC 8-9):** A47K10/34 A47K10/42

A47K10/44 (Advanced/Invention)

CPC: A47K2010/3681 A47K2010/428 A47K2010/3233 A47K10/427

A47K10/44 A47K10/36

US: 221/1 221/47

**Family:**

Publication number	Publication date	Application number	Application date
■ CN104853661 A	20150819	CN201280077582	20121219
■ EP2934260 A1	20151028	EP20120890178	20121219
■ RU2015121231 A	20170126	RU20150121231	20121219
■ US2015313425 AA	20151105	US20120648952	20121219
■ WO14098671 A1	20140626	WO2012SE51440	20121219

Priority:

WO2012SE51440 20121219

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std) SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB**Inventor(s):** (std) LARSSON BJOERN ; LARSSON BJORN ; MOELLER PER ; MOLLER PER ; THOREN LARS**Agent(s):** VALEA AB

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

51) Family number: 10989966 (US5771524A)

© PatBase

Title: Disposable pad

Abstract: Multilayer disposable pads for use as wipes or applicators in various applications, including the cosmetics and personal care fields and the medical field. The pads include an absorbent base pad, an impervious barrier layer attached to the base pad, and a flexible handle attached to the barrier layer in a selective attachment area to define a handle attached portion and at least one handle graspable portion. The barrier layer may be attached to the base pad by being coated over the base pad without the use of adhesives, including being fused to the base pad when they are both made of a thermoplastic material. The handle attached portion may be fused to the barrier layer in an ultrasonic bonding process, again without the use of adhesive.

Classifications:

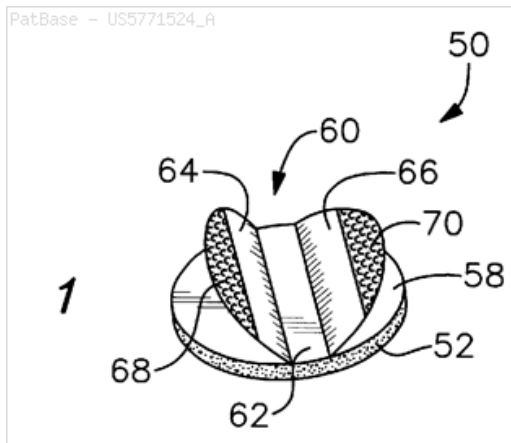
International (IPC 8-9): A45D40/00 A45D40/26 A47K7/02
A61F13/15 A61F13/36 A61F13/56 A61K8/02 A61K9/70 A61M35/00
A61Q19/00 (Advanced/Invention);
A45D40/00 A61F13/15 A61F13/56 A61K8/02 A61K9/70
A61Q19/00 (Core/Invention)

International (IPC 1-7): A45D40/26 A47K7/02 A61F13/36
A61M35/00

CPC: A45D40/00 A45D2200/1018 A61F13/15577 A61F13/56
A61F2013/0296 A61K8/0208 A61K9/70 A61Q3/04 A61Q19/00

European: A45D40/00 A61F13/15M A61F13/56 A61K7/50Z4
A61K8/02C A61K9/70 A61Q19/00 K45D200/10B2 K61F13/02M10
K61Q3/04

US: 15/209.1 15/229.13 15/244.1 602/58 604/385.03

**Family:**

Publication number	Publication date	Application number	Application date
AT329515 E	20060715	AT19970952476T	19971212
AU199856072 A1	19980731	AU19980056072	19971212
DE69736121 D1	20060727	DE19976036121	19971212
DE69736121 T2	20070111	DE19976036121T	19971212
EP0951228 A1	19991027	EP19970952476	19971212
EP0951228 B1	20060614	EP19970952476	19971212
US5771524 A	19980630	US19960775633	19961231
WO9829017 A1	19980709	WO1997US23222	19971212

Priority:

US19960775633 19961231 WO1997US23222 19971212

Probable Assignee: M J WOODS INC**Assignee(s):** (std): WOODS M J INC**Assignee(s):** M J WOODS INC ; MJ WOODS INC ; MJ WOODS INC A OF CALIFORNIA CORP**Inventor(s):** (std): WOODS M ; WOODS S ; WOODS MARILYN S ; WOODS JAMES M**Inventor(s):** JAMES M WOODS ; MARILYN S WOODS

Designated states: AL AM AT AU AZ BA BB BE BG BR BY CA CH CN CU CZ DE DK EE ES FI FR 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 MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SL SZ TJ TM TR TT UA UG UZ VN YU ZW

52) Family number: 50957993 (US2012097699A)

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Title: APPARATUS WITH ARC GENERATOR FOR DISPENSING ABSORBENT SHEET PRODUCTS

Abstract: A dispenser can include a charge collector, an arc gap and a ground, where the arc gap is between the charge collector and the ground. The arc gap provides high impedance and can be set to a distance of from about 0.1 to about 0.01 inches. The technology operates by collecting charge from at one charge generating site with at least one charge collector and sending the charge to ground through the arc gap, the arc gap being between the at least one charge collector and the ground.

Classifications:**International (ipc 8-9):** A47K A47K10/36 B65G59/00 H05F H05F3/00

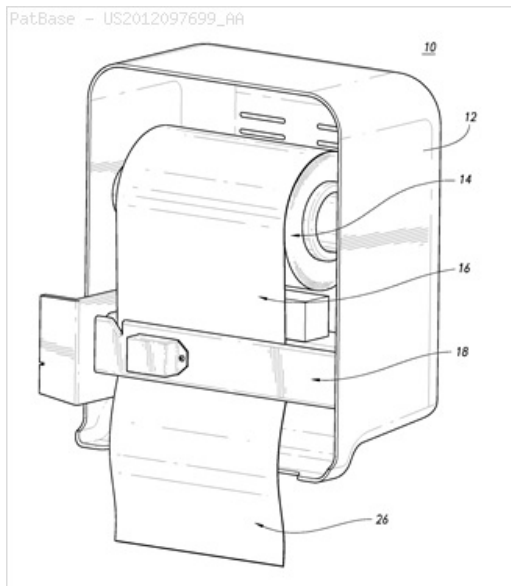
H05F3/02 H05F3/04 (Advanced/Invention);

A47K10/36 H05F3/04 (Core/Invention);

A47K H05F (Subclass/Invention)

CPC: H05F3/02 A47K10/36**European:** A47K10/36 H05F3/02**US:** 221/199 361/214 361/214S 361/221

PatBase - US2012097699_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2011317767 AA	20120426	AU20110317767	20110926
AU2011317767 BB	20160707	AU20110317767	20110926
BR112013009763 A2	20160719	BR20131109763	20110926

CA2814245 AA	20130410	CA20112814245	20110926
CL2013001103 A1	20131004	CL20130001103	20130422
CN103209627 A	20130717	CN201180050867	20110926
CN103209627 B	20170208	CN201180050867	20110926
CO6781475 A2	20131031	CO20130122979	20130520
DE602011022840 D1	20160310	DE201160022840T	20110926
EP2629651 A1	20130828	EP20110761363	20110926
EP2629651 B1	20160120	EP20110761363	20110926
ES2561279 T3	20160225	ES20110761363T	20110926
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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