

Search history

Search 1: FT=(Low linting and hydroentangled composite and spunbond and fluid) (Results 3)
 Search 2: FT=(Low linting and hydroentangled composite and spunbond and fluid) and IC=(A61F13/00) (Results 2)
 Search 3: FT=(Low linting and hydroentangled composite and spunbond) and IC=(A61F13/00) (Results 2)
 Search 4: FT=(Low linting and hydroentangled and spunbond) (Results 47)
 Search 5: FT=(Low linting and hydroentangled and spunbond) and IC=(A61F13/00) (Results 2)
 Search 6: FT=(Low linting and hydroentangled and spunbond) and IC=(B32B5/02) (Results 5)

1) Family number: 71449293 (WO18184048A1)

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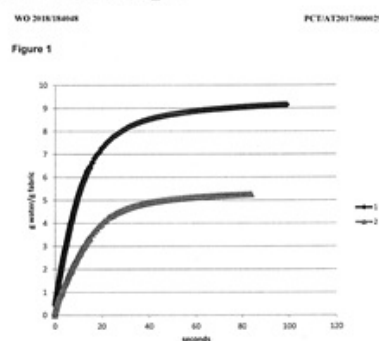
Title: A NONWOVEN WEB DESIGNED FOR USE AS A WIPES SUBSTRATE

Abstract: This invention relates to a nonwoven material suitable for use as a wipe Substrate, containing at least a first cellulosic nonwoven web, characterized in that the cellulosic nonwoven web is made from essentially pure cellulose formed of essentially continuous filaments and multibonded by merged filaments, hydrogen bonding and physical intermingling of the filaments, It further relates to the use of the inventive nonwoven material as a base sheet for the manufacture of a dry wipe, a wet wipe and a water-activated wipe.

Classifications:

International (IPC 8-9): B32B5/02 B32B5/26 D04H1/4258 D04H1/4374 D04H1/485 D04H1/56 D04H3/013 D04H3/11 (Advanced/Invention)
CPC: D04H1/4258 B32B5/02 B32B5/26 D04H1/4374 D04H1/485 D04H1/56 D04H3/013 D04H3/11

PatBase - WO18184048_A1



Family:

Publication number	Publication date	Application number	Application date
WO18184048 A1	20181011	WO2017AT00029	20170403

Priority:

WO2017AT00029 20170403

Probable Assignee: CHEMIEFASER LENZING AG

Assignee(s): (std): CHEMIEFASER LENZING AG

Assignee(s): LENZING AG

Inventor(s): (std): CARLYLE TOM ; EINZMANN MIRKO ; GOLDHALM GISELA ; HAYHURST MALCOLM ; MAYER KATHARINA ; SAGERER FORIC IBRAHIM

Inventor(s): HAYHURST MALCOLM JOHN

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

2) Family number: 28690341 (US2003119395A)

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Title: DISPOSABLE WASH CLOTH AND METHOD OF USING

Abstract: This invention relates to a disposable wash cloth. The disposable wash cloth includes an aqueous solution incorporated onto a base sheet. The aqueous solution includes a fragrance, at least one mild surfactant, at least one moisturizer, and at least one preservative. The disposable wash cloth is capable of being heated to a select temperature at least twice while maintaining chemical stability.

Classifications:**International (IPC 8-9):** D04H1/42 (Advanced/Invention);

A47K10/32 (Advanced/Non-invention);

D04H1/42 (Core/Invention);

A47K10/24 (Core/Non-invention)

International (IPC 1-7): A47K10/02 A61F7/00 A61M35/00 B32B27/04 B32B27/12 B32B5/02 D04H1/00 D04H3/00 D04H5/00**CPC:** Y10T442/2303 Y10T442/2311 Y10T442/2508 Y10T442/2525 Y10T442/2869 Y10T442/697 A47K2010/3266 D04H1/4258

D04H1/435 D04H1/4382

European: D04H1/42 K47K10/32W**US:** 15/209.1 424/402 442/121 442/123 442/165 442/415 442/96 442/97 604/289 604/291**Family:**

Publication number	Publication date	Application number	Application date
MXPA02011474 A1	20030630	MX2002PA11474	20021121
US2003119395 AA	20030626	US20010037384	20011220
US6806213 BB	20041019	US20010037384	20011220

Priority:

US20010037384 20011220

Probable Assignee: KIMBERLY CLARK CORP**Assignee(s):** (std): KIMBERLY CLARK CO**Assignee(s):** KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC**Inventor(s):** (std): BROOKS JOANN ADELE**3) Family number: 43630580 (US2012177888A)**

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Title: HIGH CELLULOSE CONTENT, LAMINIFEROUS NONWOVEN FABRIC

Abstract: The present invention provides a laminiferous nonwoven fabric with a high woodpulp content suitable for use in wipes, absorbent articles and other applications, and a method of making the same. The laminiferous nonwoven comprises 3 layers bonded together, where the outer layers are lightweight meltspun webs and the middle layer comprises mainly woodpulp fibres. Each of the first (3), second (2) and third (4) nonwoven layer are preferably first formed separately and individually to be self-supported webs, whereafter the three self-supported webs are brought together essentially immediately before bonding them together. When used as a substrate for wet wipes, the inventive fabric exhibits a combination of several useful properties; good wet and dry softness and bulk, good wet abrasion resistance and low wet linting propensity, and where the majority raw material is woodpulp.

Classifications:**International (IPC 8-9):** B23B37/00 B32B23/02 B32B3/30 B32B37/00

B32B5/02 B32B5/22 B32B5/26 D04H13/00 D04H3/04 (Advanced/Invention);

B32B37/00 B32B37/12 B32B38/06 (Advanced/Non-invention);

B32B (Subclass/Invention)

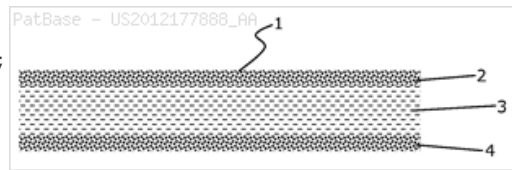
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B32B5/22 B32B7/12 B32B2250/20 B32B2262/02 B32B2262/0253

B32B2262/0276 B32B2262/062 B32B2262/12 B32B2262/14 B32B2307/54 B32B2307/554 B32B2307/718 B32B2307/726

B32B2432/00 B32B2555/00 Y10T428/24529 Y10T428/24942 D04H1/425 D04H1/559 D04H1/56 D04H1/732

European: B32B23/02 B32B5/26 L32B305/20 L32B317/18 L32B37/00D2 L32B37/12 L32B38/06**US:** 1/1 28/100 28/100S 428/162 428/162P 428/212 428/212S**Family:**

Publication number	Publication date	Application number	Application date
BR112012001275 A2	20160210	BR20121101275	20100720
DE602010008276 D1	20130829	DE201060008276T	20100720
EP2456585 A2	20120530	EP20100749671	20100720
EP2456585 B1	20130703	EP20100749671	20100720
EP2456585 B2	20171220	EP20100749671	20100720
ES2429498 T3	20131115	ES20100749671T	20100720
ES2429498 T5	20180413	ES20100749671T	20100720
FI20095800 A0	20090720	FI20090005800	20090720
RU2012105927 A	20130827	RU20120105927	20100720
RU2534534 C2	20141127	RU20120105927	20100720
US2012177888 AA	20120712	US20100386139	20100720
US9296176 BB	20160329	US20100386139	20100720
WO11009997 A2	20110127	WO2010FI50603	20100720
WO11009997 A3	20110526	WO2010FI50603	20100720

Priority:

Probable Assignee: SUOMINEN CORP

Assignee(s): (std): AHLSTRON CORP ; ESCAFERE PASCALE ; ESCAFFRE PASCALE ; MEIKLE GORDON ; NORTMAN BRIAN ; SUOMINEN CORP ; AHLSTROEM OY

Assignee(s): AHLSTROM CORP ; SUOMINEN KORPOREJSHN

Inventor(s): (std): ESCAFFRE PASCALE ; NORTMAN BRIAN ; MEIKLE GORDON ; NORTMAN BRAJAN ; EHSKAFFR PASKAL ; MEJKL GORDON ; ESCAFERE PASCALE

Inventor(s): PASCALE ESCAFFRE ; BRIAN NORTMAN ; GORDON MEIKLE

Agent(s): LONG GIORGIO ; SEPPO LAINE OY ; LINAGE RAFAEL ; PEARL COHEN ZEDEK LATZER BARATZ LLP ; COOR SERVICE MANAGEMENT KARHULA OY

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

4) Family number: 55108663 (US2015083354A) © PatBase

Title: METHOD OF PRODUCING A HYDROENTANGLED NONWOVEN MATERIAL

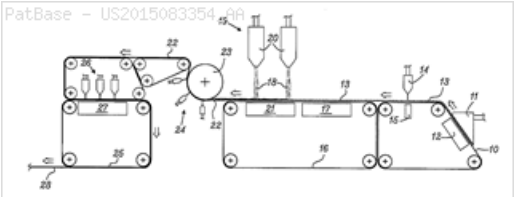
Abstract: A method of producing a nonwoven material by hydroentangling a fiber mixture containing spunlaid filaments, natural fibers and synthetic staple fibers, wherein a fibrous web of natural fibers and at least 10 percent by fiber weight of manmade staple fibers is wetlaid by means of an inclined wire formation, the wetlaid fibrous web is hydroentangled in a first hydroentangling station and spunlaid filaments are laid on top of said hydroentangled wetlaid fibrous web to form a combined web. The combined web is hydroentangled in a second hydroentangling station.

Classifications:

International (IPC 8-9): B32B5/02 B32B5/26 D04H1/425 D04H1/4374 D04H1/46 D04H1/492 D04H1/498 D04H1/732 D04H3/10 D04H3/105 D04H3/11 D04H5/03 D21H11/00 D21H13/10 D21H15/06 (Advanced/Invention); D04H1/4374 D04H1/492 D04H1/498 D21H13/10 D21H15/06 (Advanced/Non-invention)

CPC: D04H1/498 D21H15/06 D04H5/03 D21H13/10 B32B5/022 B32B5/26 B32B2250/20 B32B2262/067 B32B2307/54 D04H1/4374 D04H1/492 D04H3/105 D04H3/11 D21H11/00 D04H1/425 D04H1/732

US: 1/1 162/146



Family:

Publication number	Publication date	Application number	Application date
AU2012379139 AA	20141120	AU20120379139	20120503
AU2012379139 BB	20150924	AU20120379139	20120503
CN104271827 A	20150107	CN201280072920	20120503
CN104271827 B	20160831	CN201280072920	20120503
CO7151540 A2	20141229	CO20140264783	20141202
DE602012051409 D1	20181018	DE201260051409T	20120503
DK2844793 T3	20181126	DK20120875773T	20120503
EP2844793 A1	20150311	EP20120875773	20120503
EP2844793 A4	20151223	EP20120875773	20120503
EP2844793 B1	20180919	EP20120875773	20120503
ES2693699 T3	20181213	ES20120875773T	20120503
MX2014013146 A1	20150119	MX20140013146	20120503
MX337119 B	20160212	MX20140013146	20120503
PL2844793 T3	20190228	PL20120875773T	20120503
RU2014148545 A	20160620	RU20140148545	20120503
RU2596105 C2	20160827	RU20140148545	20120503
TR201816158 T4	20181121	TR20180016158T	20120503
US2015083354 AA	20150326	US20120398028	20120503
US9194084 BB	20151124	US20120398028	20120503
WO13165287 A1	20131107	WO2012SE50460	20120503

Priority:

EP20120875773 20120503 WO2012SE50460 20120503 TR20180016158T 20120503
CO20140264783 20141202

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s): (std): MIKAEL STRANDQVIST ; STRANDKVIST MIKAEL ; STRANDQVIST MIKAEL

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; LUZ CLEMENCIA DE PAEZ; VALEA AB; ELZABURU SLP ELZABURU SLP; UGUR GUERSAD YALCINER; BUCHANAN INGERSOLL AND ROONEY PC

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

Title: LOW LINTING IMAGED HYDROENTANGLED NONWOVEN COMPOSITE

Abstract: Hydroentangled composites having a wide variety of uses (e.g., personal hygiene articles, facers for fenestration absorbent patches on surgical drapes, facers on absorbent surgical drapes, etc.) are provided. The hydroentangled composite includes at least two nonwoven webs hydroentangled together. The hydroentangled composite may have a three-dimensional structure. Additionally, the at least two nonwoven webs may have different bonding levels and/or lint levels.

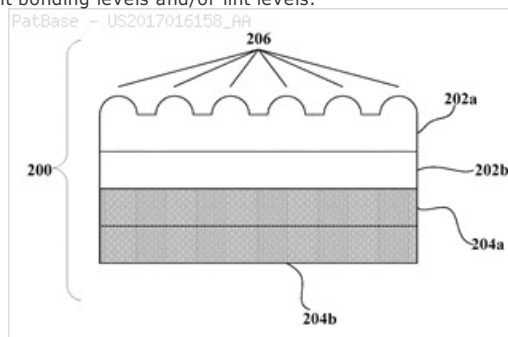
Classifications:

International (IPC 8-9): A61F13/00 B32B5/02 B32B5/26 D04H1/46 D04H1/492 D04H1/495 D04H1/498 D04H13/00 D04H3/007 D04H3/011 D04H3/147 D04H3/16 D06M23/16 (Advanced/Invention)

International (IPC 1-7): A61F13/00 B32B5/02 B32B5/26 D04H1/46 D04H13/00

CPC: A61F13/00 B32B3/30 B32B5/02 B32B5/022 B32B5/06 B32B5/08 B32B5/26 B32B7/05 B32B7/12 B32B37/20 B32B2250/20 B32B2262/0253 B32B2262/0276 B32B2262/12 B32B2262/14 B32B2305/20 B32B2307/40 B32B2307/4023 B32B2307/50 B32B2307/54 B32B2307/554 B32B2307/718 B32B2307/726 B32B2307/728 B32B2307/75 B32B2310/0409 B32B2432/00 B32B2555/02 D04H1/485 D04H1/492 D04H1/498 D04H3/14

US: 1/1 442/401



Family:

Publication number	Publication date	Application number	Application date
AU2016291657 AA	20180118	AU20160291657	20160715
BR112018000662 A2	20180918	BR20181100662	20160715
CA2990701 AA	20171221	CA20162990701	20160715
CL2018000074 A1	20180713	CL20180000074	20180109
CN107847355 A	20180327	CN201680041639	20160715
CO20180001250 A2	20180430	CO20180001250	20180206
EP3322391 A1	20180523	EP20160741814	20160715
IN201737046968 A	20180824	IN201737046968	20171228
JP2018520275 T2	20180726	JP20180501227T	20160715
MX2018000378 A1	20180314	MX20180000378	20160715
PE14852018 A1	20180918	PE20180000041	20160715
US2017016158 AA	20170119	US20160211326	20160715
WO17011740 A1	20170119	WO2016US42476	20160715

Priority:

US20150192698P 20150715 US20160211326 20160715 WO2016US42476 20160715

Probable Assignee: AVINTIV SPECIALTY MATERIALS INC

Assignee(s): (std): AVINTIV SPECIALTY MATERIALS INC ; AVINTIV SPECIALTY MAT INC

Assignee(s): AVINTIV SPECIALTY MATERIAL INC ; BANK OF AMERICA ; BANK OF AMERICA NA ; HARMON PAUL MICHAEL ; BURGESS STEVEN BRIAN ; ELLIS DIANNE B ; SNIDER JERRY ; CREDIT SUISSE CAYMAN ISLANDS BRANCH AG ; US BANK NATIONAL ASSOCIATION COLLATERAL AGENT AS

Inventor(s): (std): BURGESS STEVEN BRIAN ; HARMON PAUL MICHAEL ; ELLIS DIANNE B ; SNIDER JERRY ; STEVEN BRIAN BURGESS ; JERRY SNIDER ; PAUL MICHAEL HARMON ; DIANNE B ELLIS

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; STIKEMAN ELLIOTT SENCRL SRL LLP; ESTUDIO VILLASECA Y CIA; JUAN PABLO CONCHA DELGADO; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; NAGATA YUTAKA; JOHNSON III JOHN E 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 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