

Search history

Search 1: diaper and disposable (Results 17984)
Search 2: absorbent and urine (Results 21441)
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Search 4: layer and impermeable (Results 117475)
Search 5: 3 and 4 (Results 3919)
Search 6: cellulose fluff and 5 (Results 200)
Search 7: 6 and elastic (Results 147)

1) Family number: 9267000 (SE8904316A)

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Title: ABSORBERANDE ENGAANGSARTIKEL INNEFATTANDE ETT FRAMSTYCKE MED STOR ABSORPTIONSKAPACITET SAMT FOERFARANDE FOER ATT TILLVERKA DENNA ARTIKEL

Abstract: The article incorporates an elastic rear piece (2) comprising an outer fluid-impermeable layer of pliable material, and an inner fluid-impermeable layer (12), likewise of pliable material which in use is facing the skin of a user. - Attached to this inner layer are intermediary elastic strips (8,10,9) in a net-type formation. Bodies (11) of soft material are fitted between the two layers in at least specific meshes of the network, and have smaller dias. than the meshes.

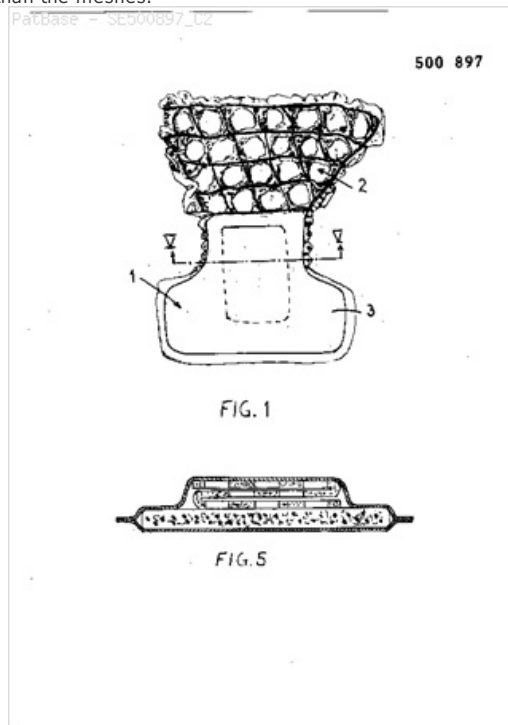
Classifications:

International (IPC 8-9): A61F13/15 (Advanced/Invention);
A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/46

CPC: A61F13/15 A61F13/49009 A61F13/51464

European: A61F13/15



Family:

Publication number	Publication date	Application number	Application date
SE500897 C2	19940926	SE19890004316	19891221
SE8904316 A	19910622	SE19890004316	19891221
SE8904316 A0	19891221	SE19890004316	19891221
SE8904316 L	19910622	SE19890004316	19891221

Priority:

SE19890004316 19891221

Probable Assignee: MOELNLYCKE AB

Assignee(s): (std): MOELNLYCKE AB

Inventor(s): (std): HANSSON R ; HANSSON ROY ; WIDLUND URBAN

Inventor(s): R HANSSON ; ROY HANSSON ; URBAN WIDLUND

Title: SHAPE-ADAPTED ABSORBENT ARTICLE HAVING IMPROVED ABSORPTION CAPACITY

Abstract: An absorbent article with a longitudinal direction and a transverse direction and including an absorption body which is enclosed in a cover and has at least one absorption layer, the cover having a liquid-permeable surface and a liquid-impermeable surface. The absorption body has a second absorption part which is separate from and displaced in the longitudinal direction from a first absorption part. The first absorption part has a tongue-shaped portion adapted to be arranged in between two legs extending essentially in the longitudinal direction on the second absorption part so that fold indications are formed in the absorption body between the tongue-shaped portion and at least each leg. Also relates to a method for manufacturing an absorbent article as described above.

Classifications:

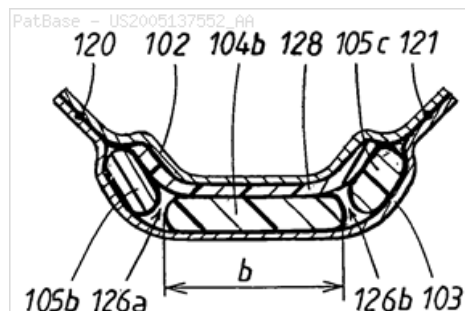
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A61F13/15 A61F13/20 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20

CPC: A61F13/493 A61F13/532

European: A61F13/493 A61F13/532

US: 604/385.01 604/385.010P



Family:

Publication number	Publication date	Application number	Application date
US2005137552 AA	20050623	US20040019478	20041223

Priority:

US20030531611P 20031223 US20040019478 20041223

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): ASP FREDRIK ; CARLEN HENRIK ; HANSSON MORGAN

Agent(s): BURNS DOANE SWECKER AND MATHIS L L P

Title: Absorbent body for an absorbent article

Abstract: PCT No. PCT/SE93/00348 Sec. 371 Date Oct. 14, 1994 Sec. 102(e) Date Oct. 14, 1994 PCT Filed Apr. 21, 1993 PCT Pub. No. WO93/21882 PCT Pub. Date Nov. 11, 1993 An absorbent body intended to form the absorbent element of an absorbent article, such as a diaper, an incontinence guard or a sanitary napkin, includes a first fibre-based absorbent layer which lies proximal to the wearer in use, and a second, fibre-based absorbent layer which is intended to lie distal from the wearer in use, this second layer having a high liquid-dispersing ability. An absorbent body exhibiting particularly good absorption properties has been obtained by including in the first layer (16) a superabsorbent material (18) of high gel-strength and by mixing this superabsorbent essentially uniformly in the fibre material within at least one area of the layer, and by including between the fibre layers (17a, 17b) of the second layer (17) a layer (20) of superabsorbent material.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/53

A61F5/44 (Advanced/Invention);

A61F5/44 (Advanced/Non-invention);

A61F13/15 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/46 A61F13/53 A61F5/44

CPC: A61F13/49009 A61F13/491 A61F13/533 A61F2013/15308

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European: A61F13/49D2 K61F13/15H11 K61F13/15J8A2 K61F13/15J8A3 K61F13/15J8G K61F13/491 K61F13/49D2H3

K61F13/49H6 K61F13/513H K61F13/533 K61F13/537H K61F13/53L K61F13/53L2 K61F13/53L5A K61F13/53L5B2 K61F13/53M4

K61F13/53M7A K61F13/53P1 K61F13/53Q K61F13/53Q1 K61F13/53Q2A K61F13/53Q2E K61F13/53Q4 K61F13/53Q6

K61F13/53Q8A2 K61F13/53Q8B1 K61F13/53Q8B3 K61F13/53S5A1

US: 604/368 604/375 604/378

JP F-Term: 3B029 3B029/BA04 3B029/BA05 3B029/BA15 3B029/BA17 3B029/BC01 3B200 3B200/AA01 3B200/AA03

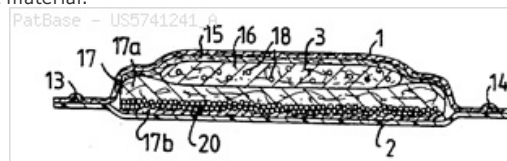
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4C098/CC08 4C098/CC12 4C098/CC16 4C098/CE07 4C098/DD05 4C098/DD06 4C098/DD13

JP F-Index: A41B13/02/D A61F13/18/307/C A61F13/53/300 A61F13/534/110 A61F5/44/H



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AT175861 E	19990215	AT19930912038T	19930421
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AU670293 B2	19960711	AU19930042744	19930421

CA2118420 AA	19941018	CA19932118420	19930421
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CZ9402650 A3	19950712	CZ19940002650	19930421
DE69323193 D1	19990304	DE19936023193	19930421
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DK0637953 T3	19990913	DK19930912038T	19930421
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FI945079 A	19941028	FI19940005079	19941028
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GB2266464 A1	19931103	GB19930008577	19930426
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HU75447 A2	19970528	HU19940003114	19930421
HU9403114 A0	19950228	HU19940003114	19930421
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NO305193 B1	19990419	NO19940004102	19941027
NO944102 A	19941027	NO19940004102	19941027
NO944102 A0	19941027	NO19940004102	19941027
NO944102 L	19941027	NO19940004102	19941027
NZ252766 A	19960625	NZ19930252766	19930421
PL171964 B1	19970731	PL19930305713	19930421
SE501166 C2	19941128	SE19920001333	19920428
SE9201333 A	19931029	SE19920001333D	19920428
SE9201333 A0	19920428	SE19920001333	19920428
SE9201333 L	19931029	SE19920001333	19920428
SK122894 A3	19950809	SK19940001228	19930421
SK281389 B6	20010312	SK19940001228	19930421
TNSN93044 A1	19940317	TN1993SN00044	19930427
US5741241 A	19980421	US19940318771	19941014
WO9321882 A1	19931111	WO1993SE00348	19930421
ZA9302762 A	19931028	ZA19930002762	19930420

Priority:

SE19920001333 19920428 WO1993SE00348 19930421

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): GUIDOTTI TED ; MOELNLYCKE AB ; OESTERDAHL EJE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AKTIEBOLA ; SCA MOELNLYCKE AB

Assignee(s): OSTERDAHL EJE ; SCA HYGIENE PRODUCTS AKTIEBOLAG ; SCA MOLNLYCKE ABS ; SCA HYGIENE PRODUCTS AB ; SCA MOLNLYCKE AB ; SCA HYGIENE PRODUCTS AB GOETEBORG SE ; MOLNLYCKE AB ; MOLNLYCKE S AB

Inventor(s): (std): GUIDOTTI TED ; OSTERDAHL EJE ; OESTERDAHL EJE ; ISTERDAHL EJE ; GUIDOTTI T ; OESTERDAHL E ; TED GUIDOTTI ; EJE OSTERDAHL ; STERDAHL EJE

Inventor(s): T GUIDOTTI ; E OESTERDAHL ; EJE OESTERDAHL ; OESTERDAHL EJE S 421 58 VAESTRA FROELUNDA SE ; GUIDOTTI TED S 411 31 GOETEBORG SE

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

Designated states: AT AU BE CA CH CZ DE DK ES FI FR GB GR HU IE IT JP LI LU MC NL NO NZ PL PT SE SK US

4) Family number: 2233024 (US5043206A)

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Title: ABSORPTION BODY INTENDED FOR DISPOSABLE ARTICLES SUCH AS DIAPERS, SANITARY NAPKINS AND THE LIKE

Abstract: An absorption body intended for disposable articles such as diapers, sanitary napkins or the like and comprising highly absorbent material. A distinguishing feature of an absorption body made in accordance with the invention is that there is included therein a first layer intended to be placed against the wearer's body and which is soft, with a bulk exceeding 10 cm 3 /g, preferably more than 13 cm 3 /g, and at least one second layer which is heavily compressed to a bulk of less than 10 cm 3 /g; and that the highly absorbent material is applied in the heavily compressed layer or layers.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49

A61F13/53 (Advanced/Invention);

A61F13/15 (Core/Invention)

International (IPC 1-7): A41B13/02 A61F13/15 A61F13/18 A61F13/46

A61F13/48 A61F13/50 A61L15/00 B32B23/14 B32B5/22 B32B7/02

CPC: Y10S428/913 A61F13/534 A61F2013/530481 A61F2013/53051

A61F2013/53445 A61F2013/53721 Y10T428/24992 Y10T428/253

Y10T428/2982 Y10T442/57

European: A61F13/534 K61F13/534C K61F13/537B5

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US: 428/218 428/280 428/281 428/283 428/284 428/326 428/402

428/913 442/325 604/367 604/379

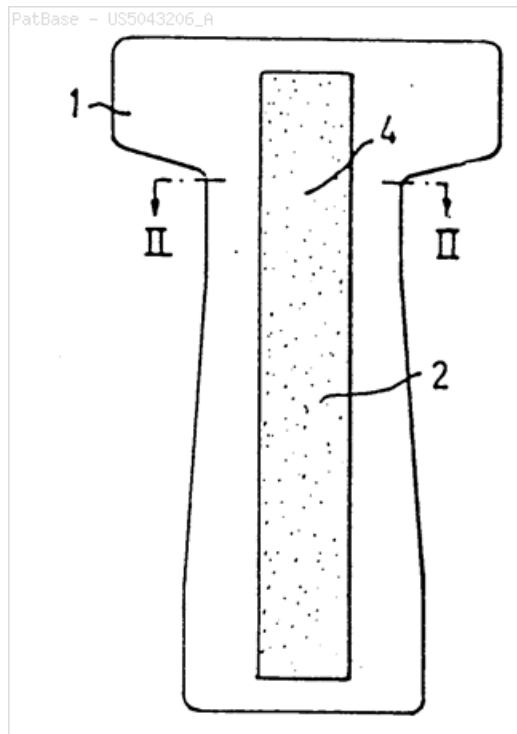
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3B200/CA02 3B200/CA11 3B200/DA10 3B200/DB01 3B200/DB02

3B200/DB06 3B200/DB11 3B200/DB12 3B200/DB18 3B200/DB19

3B200/EA02 3B200/EA24 4C003 4C003/AA27
JP F-Index: A41B13/02/C A41B13/02/D A61F13/18/300
A61F13/18/307/F A61F13/53/300 A61F13/534/100 A61F13/537/210
A61F13/537/220



Family:

Publication number	Publication date	Application number	Application date
AU198660401 A1	19870205	AU19860060401	19860722
AU592999 B2	19900201	AU19860060401	19860722
DE3673486 D1	19900920	DE19863673486	19860715
DK362286 A	19870201	DK19860003622	19860730
DK362286 A0	19860730	DK19860003622	19860730
EP0217766 A2	19870408	EP19860850254	19860715
EP0217766 A3	19870819	EP19860850254	19860715
EP0217766 B1	19900816	EP19860850254	19860715
FI863097 A	19870201	FI19860003097	19860729
FI863097 A0	19860729	FI19860003097	19860729
FI88456 B	19930215	FI19860003097	19860729
FI88456 C	19930525	FI19860003097	19860729
HU215781 B	19990201	HU19860003246	19860730
HU64201 A2	19931228	HU19860003246	19860730
JP2136507 C3	19980529	JP19850169629	19850731
JP62027945 A2	19870205	JP19850169629	19850731
JP7051142 B4	19950605	JP19850169629	19850731
NO163883 B	19900430	NO19860003048	19860728
NO163883 C	19900808	NO19860003048	19860728
NO863048 A	19870202	NO19860003048	19860728
NO863048 A0	19860728	NO19860003048	19860728
NO863048 L	19870202	NO19860003048	19860728
US5043206 A	19910827	US19860886097	19860716
ZA8605309 A	19870325	ZA19860005309	19860716

Priority:

JP19850169629 19850731

Probable Assignee: MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWEDEN

Assignee(s): (std): MOELNLYCKE AB

Assignee(s): MOELNLYCKE AB GOETEBORG SE ; MOELNLYCKE AB SE ; MOLNLYCKE A B ; MOLNLYCKE AB ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWE ; MOLNLYCKE S 40503 GOTEBOG SWEDEN A CORP AB ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWEDEN

Inventor(s): (std): TERNSTROM INGELA ; INGELA TERNSTROEM ; INGERA TERUNSUTOROOMU ; TERNSTROEM INGELA

Inventor(s): TERNSTROEM INGELA SE ; INGELA TERNSTROM ; TERNSTROEM INGELA S 43500 MOELNLYCKE SE

Agent(s): GRIFFITH HACK

Designated states: BE DE FR NL SE

5) Family number: 56830028 (US2015328063A)

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Title: ABSORBENT CORE EXHIBITING CONTROLLED DEFORMATION IN USE AND ABSORBENT ARTICLE COMPRISING SAID CORE

Abstract: An absorption body intended to form part of an absorbent disposable article includes a first absorption layer intended to face towards the user upon use and a second absorption layer intended to face away from the user upon use. The first absorption layer has a longitudinal opening in the crotch area and the second absorption layer has a longitudinal compression arranged in the crotch area.

Classifications:

International (IPC 8-9): A61F13/45 A61F13/47 A61F13/472 A61F13/49 A61F13/53 A61F13/533 A61F13/535 A61F13/536

A61F13/539 (Advanced/Invention);

A61F13/15 A61F13/47 A61F13/49 A61F13/53 A61F13/534

A61F13/535 (Advanced/Non-invention)

CPC: A61F13/539 A61F2013/530963 A61F2013/530481 A61F2013/530985

A61F13/4704 A61F13/49001 A61F13/536 A61F2013/15406

A61F2013/53445 A61F2013/5355 A61F13/533 A61F13/535 A61F13/53

US: 604/379

JP F-Term: 3B200 3B200/AA01 3B200/CA08 3B200/CA11 3B200/DA08

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3B200/DB23 3B200/EA02

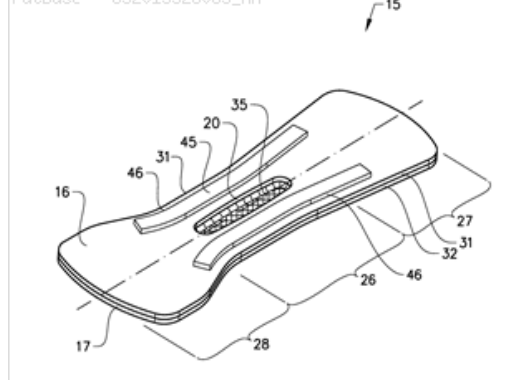
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A61F13/537/310

PatBase - US2015328063_AA



Family:

Publication number	Publication date	Application number	Application date
AU2012397880 AA	20140703	AU20120397880	20121227
AU2012397880 BB	20150910	AU20120397880	20121227
BR112015015385 A2	20170711	BR20151115385	20121227
CA2895415 AA	20150616	CA20122895415	20121227
CN104884017 A	20150902	CN201280078019	20121227
CN104884017 B	20190205	CN201280078019	20121227
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EP2938307 A1	20151104	EP20120890813	20121227
EP2938307 A4	20160810	EP20120890813	20121227
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ES2632229 T3	20170911	ES20120890813T	20121227
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US2015328063 AA	20151119	US20120646196	20121227
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Priority:

EP20120890813 20121227 WO2012SE51499 20121227

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB ; ESPING OSTLIN HANNA ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; GUIDOTTI EDWARD

Inventor(s): (std): GUIDOTTI EDWARD ; ESPING OESTLIN HANNA ; ESPING OSTLIN HANNA ; OESTLIN HANNA ESPING ; HANNA ESPING OESTLIN ; EDWARD GUIDOTTI ; ESPING ESTLIN KHANNA ; GUIDOTTI EDVARD

Inventor(s): ESPING STLIN HANNA ; ESPING OESTLIN ; HANNA ; GUIDOTTI ; EDWARD

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; VALEA AB; ELZABURU SLP ELZABURU SLP; UGUR GUERSAD YALCINER; BUCHANAN INGERSOLL AND ROONEY PC; SCA HYGIENE PRODUCTS 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

6) Family number: 28677029 (US2003208175A)

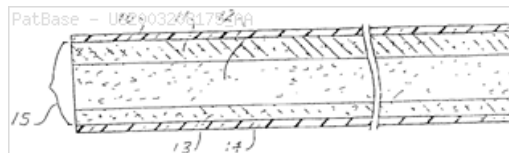
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Title: ABSORBENT PRODUCTS WITH IMPROVED VERTICAL WICKING AND REWET CAPABILITY

Abstract: The present invention relates to an absorbent core for use in an absorbent article and methods to make the absorbent core and absorbent articles. The absorbent core has a discrete wicking layer made with compressible fibers such as eucalyptus or chemically treated fibers. The absorbent core and articles made with it have improved vertical wicking capacity and superior rewet characteristics.

Classifications:

International (IPC 8-9): A41B9/12 A61B19/08 A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/51 A61F13/53 A61F13/532 A61F13/534 A61F13/535 A61F13/536 A61F13/537 A61F5/44 A61L15/16 A61L15/18 A61L15/20 A61L15/60 B32B5/26 B32B5/30 D03D11/00 D04H1/42 D04H1/70 D04H13/00 (Advanced/Invention); A61F13/536 A61F5/44 D02G3/00 D04H1/42 (Advanced/Non-invention); A41B9/00 A61B19/00 A61F13/00 A61F13/15 A61F5/44 A61L15/16 D04H13/00 (Core/Invention)



International (IPC 1-7): A41B9/12 A61B19/08 A61F13/00 A61F13/15 A61F13/46 A61F13/49 A61F13/51 A61F13/53 A61F13/534 A61F13/536 A61F13/537 A61F5/44 A61L15/16 A61L15/18 A61L15/60 B32B27/02 B32B31/00 B32B5/26 B32B5/30 D02G3/00 D04H1/42 D04H1/70 D04H13/00

CPC: Y10T428/24554 Y10T428/24562 Y10T428/2457 Y10T428/24579 Y10T428/2481 Y10T442/664 Y10T442/671 Y10T442/673 Y10T442/692 Y10T442/697 Y10T442/698 Y10T442/699 A61F13/53 A61F13/534 A61F13/537 A61F2013/530014 D04H1/413 D04H1/4374 A61F13/5323 A61F13/535 A61F13/536 A61F13/15617 A61F13/53747 A61F13/53756 A61F13/5376 A61F2013/15422 A61F2013/1543 B32B5/00 A61F13/00 B32B3/02 B32B3/08 B32B5/02 B32B5/08 B32B2255/02 B32B2255/26 B32B2262/0215 B32B2262/062 B32B2262/12 B32B2262/14 B32B2264/02 B32B2264/10 B32B2307/31 B32B2307/50 B32B2307/546 B32B2307/726 B32B2307/7265 B32B2432/00 B32B2555/00 B32B2555/02 B32B5/26

European: A61F13/15M3 A61F13/532B A61F13/535 A61F13/536 A61F13/537C2 A61F13/537C8 A61F13/537D D04H13/00B2 D04H13/00B3 D04H13/00B4 D04H13/00B5 K61F13/15J8H K61F13/15J8H1

US: 128/849 128/849S 428/165 428/166 428/167 428/168 428/196 442/385 442/392 442/393 442/411 442/415 442/416 442/417 602/43 602/43P 604/367 604/375 604/375S 604/378 604/378S 604/38 604/380

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Publication number	Publication date	Application number	Application date
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AR029638 AA	20030710	AR2000P102627	20000526
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WO0135886 C1	20011011	WO2000US31627	20001117
WO0154641 A1	20010802	WO2001US02971	20010130

Priority:

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WO2001US02971 20010130	US20090636423 20091211	

Probable Assignee: GEORGIA PACIFIC NONWOVENS LLC

Assignee(s): (std): BKT HOLDING CORP ; ERSPAMER JOHN ; BOEHMER BRIAN E ; ERSPAMER JOHN P ; HOOD RYAN K ; DUTKIEWICZ JACEK K ; CAMPBELL ALAN JEFFREY ; GROSS JAMES R ; BAKER JOHN PERRY ; BETTS DERRIX ; BKT HOLDING CORP ; BUCKEY TECHNOLOGIES INC ; HURLEY JEFFREY S ; WAHAL SANJAY ; KALMAN MICHAEL ; KALMON MICHAEL

Assignee(s): GEORGIA PACIFIC NONWOVENS LLC ; DUTKIEWICZ JACEK K ; BKI HOLDING CORP WILMINGTON ; BANK OF AMERICA NA COLLATERAL AGENT AS ; FLEET NATIONAL BANK

Inventor(s): (std): ERSPAMER JOHN ; BOEHMER BRIAN E ; HURLEY JEFFREY S ; BETTS DERRIX ; CAMPBELL ALAN JEFFREY ; WAHAL SANJAY ; HOOD RYAN K ; DUTKIEWICZ JACEK K ; ERSPAMER JOHN P ; KALMON MICHAEL ; BAKER JOHN PERRY ; DUTKIEWICZ JACEK K ; KALMAN MICHAEL ; GROSS JAMES R ; BOEHMER BRIAN ; ERSPAMER J ; BOEHMER B E ; HURLEY J S ; JOHN ERSPAMER ; JEFFREY S HURLEY ; BRIAN E BOEHMER ; HOOD RYAN K AND ; DERRIX BETTS ; JACEK K DUTKIEWICZ ; RYAN K HOOD ; SAJAY WAHAL ; DERRIX BETIS ; PERRY BAKER JOHN ; GROSS R ; BAKER PERRY ; BOEHMER E ; ERSPAMER P ; HURLEY JEFFREY SCOTT ; MICHAEL KALMON

Inventor(s): B E BOEHMER ; J S HURLEY ; JOHN P. ERSPAMER ; JAMES R. GROSS ; MICHAEL KALMAN ; WAHAL SAJAY ; BETIS DERRIX ; BRIAN BOEHMER ; HURLEY JEFF S ; KALMA MICHAEL ; WAHAL SANJAYHOOD RYAN K ; DUTKIEWICZ JACEK ; GROSS JAMES ; BAKER JOHN ; JOHN PERRY BAKER ; SANJAY WAHAL ; JACEK K DUTKIEWICZ ; J ERSPAMER ; BE BOEHMER ; JS HURLEY

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; ROBIC; GOUDREAU GAGE DUBUC; LAVERY DE BILLY LLP; BARROS; LUIS FELIPE CASTILLO GIBSON; GERMAN CASTILLO GRAU; BAKER BOTTS 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 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 MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

7) Family number: 50963030 (US2013184670A)

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Title: METHOD OF SELECTIVELY ELASTICATING A MOVING WEB AND AN ARTICLE COMPRISING THE ELASTICATED WEB

Abstract: A method for producing an elasticated chassis web for use as a continuous and coherent layer in a disposable garment, including attaching continuous elastic elements (10,11) to a continuous base web (1) along regularly undulating wave-shaped curves (12,13) and cutting out pieces (21) in crotch segments (4) of the continuous base web (1) in order to remove selected parts of the elastic elements (10,11) from the base web (1). A disposable garment made from the elasticated chassis web includes a chassis layer (56) having a hole (69) in a garment crotch portion (43).

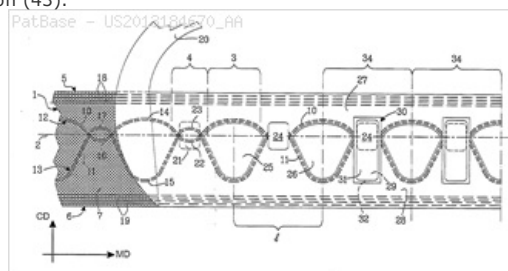
Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/45 A61F13/49 A61F13/496 (Advanced/Invention)

CPC: A61F13/49019 A61F13/15699 A61F13/15593 A61F13/15723 A61F13/496

European: A61F13/15M2B A61F13/15M6B

US: 1/1 493/342 604/385.29



Family:

Publication number	Publication date	Application number	Application date
CN103167854 A	20130619	CN201080069684	20101018
CN103167854 B	20150819	CN201080069684	20101018
DE602010035909 D1	20161006	DE201060035909T	20101018
DK2629725 T3	20161205	DK20100858722T	20101018
EP2629725 A1	20130828	EP20100858722	20101018
EP2629725 A4	20150107	EP20100858722	20101018
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RU2013122803 A	20141127	RU20130122803	20101018
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US2013184670 AA	20130718	US20100823188	20101018
US9381120 BB	20160705	US20100823188	20101018
WO12053946 A1	20120426	WO2010SE51123	20101018

Priority:

EP20100858722 20101018 WO2010SE51123 20101018

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): NILSSON LENNART ; SCA HYGIENE PROD AB ; BAECK LUCAS

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

Inventor(s): (std): BEKK LUKAS ; NIL SSON LENNART ; NILSSON LENNART ; BAECK LUCAS

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 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

8) Family number: 43685042 (CO4230005A)

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Title: COMPUESTO ABSORBENTE A BASE DE MATERIAL SUPERABSORBENTE DENTRO DE UN MEDIO DE CONTENCIÓN, Y LA PRENDA ABSORBENTE QUE LO COMPRENDE Absorbing compound BASED WITHIN A superabsorbent material containment means, ABSORBENT GARMENT AND UNDERSTAND IT (Machine translation)

Abstract: Source: CO4230005A [ES] UN COMPUESTO ABSORBENTE ADECUADO PARA USARSE EN UNA PRENDA ABSORBENTE DESECHABLE EL COMPUESTO ABSORBENTE INCLUYE MEDIOS PARA CONTENER UN MATERIA SUPERABSORBENTE CONTENIDO PRO DICHOS MEDIOS DE CONTENCIÓN.EL MATERIAL SUPERABSORBENTE TIENE UN ÍNDICE DE ABSORBENCIA BAJO PRESIÓN DE POR LO MENOS DE 100 Y UN NIVEL EXTRAÍBLE DE 16 HORAS DE MENOS DE ALREDEDOR DE 13 percent POR PESO; UN ÍNDICE DE ABSORBENCIA BAJO PRESIÓN DE POR LO MENOS DE 100 Y UN TIEMPO DE VORTICE DE MENOS DE ALREDEDOR DE 45 SEGUNDOS; O UN ÍNDICE DE ABSORBENCIA BAJO PRESIÓN DE POR LO MENOS DE ALREDEDOR DE 100. **Machine translation:** PROPER absorbing compound for use in a disposable absorbent garment ABSORBING COMPOUND INCLUDES A MEANS TO INCLUDE SUCH STUFF PRO SUPERABSORBENT MEDIA CONTENT CONTENCIÓN.EL SUPERABSORBENTE MATERIAL HAS A Absorbency Index PRESSURE OF AT LEAST 100 and a removable LEVEL 16 HOURS less than about 13 percent by weight: A Absorbency Index PRESSURE OF AT LEAST 100 and a time vortex of less than about 45 seconds; OR Absorbency Index pressure of at least about 100.

Classifications:

International (IPC 8-9): A61F13/16 (Advanced/Invention)

International (IPC 1-7): A61F13/16

Family:

Publication number	Publication date	Application number	Application date
CO4230005 A1	19951019	CO19940006658	19940221

Priority:

CO19940006658 19940221

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): COLGATE PALMOLIVE CO ; KIMBERLY CLARK CO

Assignee(s): KIMBERLY CLARK CORP

Inventor(s): (std): MELIUS MARK KEVIN ; YARBROUGH SANDRA MARIE ; KELLENBERGER STANLEY ROY ; PUTZER MELISSA CHRISTINE ; BYERLY SHANNON KATHLEEN

Inventor(s): KEVIN MELIUS MARK ; SANDRA MARIE YARBROUGH ; ROY KELLENBERGER STANLEY ; MELISSA CHRISTINE PUTZER ; KATHLEEN BYERLY SHANNON

Agent(s): RAMIRO CASTRO DUQUE

9) Family number: 15896048 (US6074524A)

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Title: READILY DEFIBERED PULP PRODUCTS

Abstract: The invention relates to cellulose fluff pulp products that are debondable into fluff with markedly lower energy input, to a process for making the products, and to absorbent products using the fluff. Most of the pulp products show no reduction in liquid absorbency rate from that of untreated fiber and significantly higher rates than pulps treated with the usual debonding agents. The products are made by adhering fine non-cellulosic particles to the fiber surfaces using a retention aid. The fiber is preferably treated with the retention aid in an aqueous suspension for a sufficient time so that the retention aid is substantively bonded with little or none left free in the water. The fine particulate additive is then added and becomes attached and uniformly distributed over the fiber surfaces with very little particle agglomeration occurring. The fiber is most usually not refined or only very lightly refined before sheeting. However, it may be significantly refined to produce a product having a very high surface area. Kaolin clay is a preferred particulate additive. The treated pulp may be mixed with other fibers before sheeting or after it is debonded into a fluff. The fluff is highly advantageous in the absorbent portions of personal care products such as diapers or sanitary napkins.

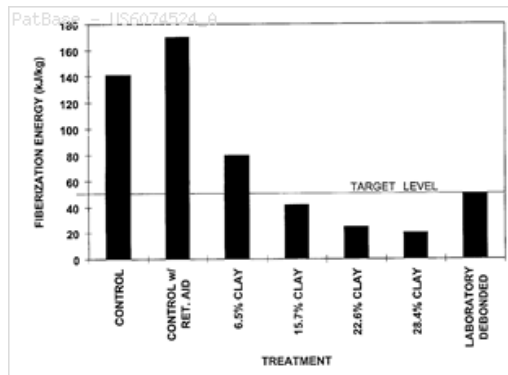
Classifications:

International (IPC 8-9): A61L15/18 A61L15/28 A61L15/60 D21C9/00

D21H17/67 D21H17/68 D21H21/10 (Advanced/Invention);

D21H17/67 (Advanced/Non-invention);

A61L15/16 D21C9/00 D21H17/00 D21H21/10 (Core/Invention)
International (IPC 1-7): A61L15/18 D21C9/00 D21H17/33 D21H17/55 D21H17/63 D21H17/67 D21H17/68 D21H17/69 D21H21/10
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European: A61L15/18 A61L15/28 A61L15/60 D21C9/00B2B D21H17/68 D21H21/10 N21H17/67B
US: 162/100 162/158 162/164.1 162/164.3 162/164.6 162/168.1 162/168.3 162/181.1 162/181.2 162/181.6 162/181.8 241/28 428/357 428/375



Family:

Publication number	Publication date	Application number	Application date
AT235594 E	20030415	AT19970911630T	19971006
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ES2196314 T3	20031216	ES19970911630T	19971006
US6074524 A	20000613	US19970920689	19970829
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WO9817856 A1	19980430	WO1997US18081	19971006

Priority:

US19960029739P 19961023 US19970920689 19970829 WO1997US18081 19971006
US20000592358 20000612

Probable Assignee: WEYERHAEUSER NR CO

Assignee(s): (std): WEYERHAEUSER CO

Assignee(s): WEYERHAEUSER COMPANY ; WEYERHAEUSER CO TACOMA ; WEYERHAEUSER NR CO ; WU JIAN ; GRANT TERRY M ; WEST HUGH

Inventor(s): (std): GRANT M ; WEST HUGH ; WU JIAN ; GRANT TERRY M

Agent(s): SMART AND BIGGAR

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

10) Family number: 63113062 (CL1995001636A)

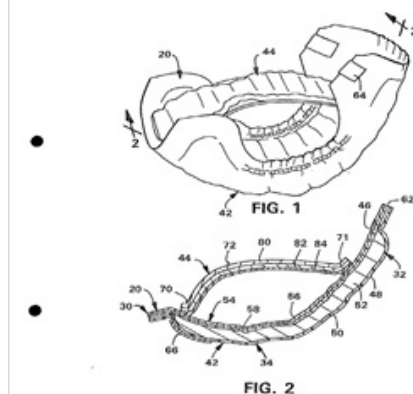
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Title: ARTICULO ABSORBENTE CON MIEMBRO ELASTIZADO DE MANEJO DE DESCARGA EN ESTRECHO CONTACTO CON EL CUERPO DEL USUARIO, Y METODO DE FABRICACION MEMBER absorbent article stretchy DISCHARGE MANAGEMENT closely with the user's body, AND METHOD OF MANUFACTURE (Machine translation)

Abstract: Source: CL1995001636A [ES] Un articulo absorbente que comprende: un armazon de prenda; y un miembro de control de liquido que tiene una primera zona fija, una segunda zona fija y unazona elasticizada entre ambas, la zona elasticizada esta adaptada para contraer el articulo absorbente por lo menos alrededor de 10 por ciento del largo elongado, donde el miembro de control de liquido comprende: una capa de manejo de liquido en contacto liquido sustancialmente directo con el conjunto absorbente y adaptada para permitir que el liquido drene a traves de la capa de manejo de liquido hacia el conjunto absorbente, la capa de manejo liquido tiene una dimension de ancho en la zona elasticizada de menos de alrededor de 10,3 centimetros, y tiene una capacidad de retencion de liquido saturada de por lo menos alrededor de 10 gramos por gramo; y al menos un miembro elastico unido operativamente a la capa de manejo de liquido. **Machine translation:** An absorbent article comprising: a frame pledges; and a control member liquid having a first fixed zone, a second zone fixed unazona elasticized between both the elasticized zone is adapted to contract the absorbent article at least about 10 percent of long elongated where the member control liquid comprising: a layer management liquido en substantially direct liquid contact with the absorbent assembly and adapted to allow liquid to drain through the layer of liquid handling to the absorbent assembly, the liquid layer management has a dimension of elasticized zone width less than 10.3 centimeters around, and has a liquid holding capacity saturated least about 10 grams per gram; and at least one elastic member operatively joined to the liquid handling layer.

Classifications:

International (IPC 8-9): A61F13/15 (Advanced/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
CL1995001636 A1	19960925	CL19950001636	19951024

Priority:

CL19950001636 19951024

Probable Assignee: KIMBERLY CLARK CORP**Assignee(s):** KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC**Inventor(s):** SOSALLA PAULA MARY ; NORDNESS CYNTHIA HELEN ; ENDRES DAN DAROLD**Agent(s):** SARGENT**11) Family number: 63190063** (US2016235603A)

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Title: ABSORBENT ARTICLES FORMING A THREE-DIMENSIONAL BASIN

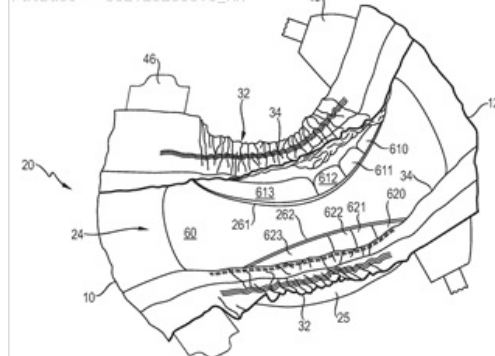
Abstract: An absorbent article such as a diaper comprises a topsheet, a backsheet and an absorbent core. The absorbent layer comprises at least a longitudinally-extending central portion, and a first and second side portions disposed transversally outward of the central portion. The absorbent core further comprises first and second curved folding guides between the central portion and the side portions. Each side portion comprises a plurality of winglets, each winglet having a proximal side relative to a folding guide and extending outward from this proximal side, and wherein neighboring winglets are separated by a gap between their neighboring sides. The central portion and the side portions form a three-dimensional basin when the absorbent core is folded along the folding guides. The absorbent core is substantially free of cellulose fibers. The article further may comprise at least one liquid management layer substantially free of superabsorbent polymer between the topsheet and the absorbent core.

Classifications:**International (IPC 8-9):** A61F13/49 A61F13/494 A61F13/53 A61F13/532 A61F13/537 A61F13/539 A61F13/551 (Advanced/Invention)**CPC:** A61F13/53 A61F13/494 A61F13/55115 A61F2013/4948

A61F2013/530883 A61F2013/49092 A61F13/532 A61F13/49001

US: 604/365**JP F-Term:** 3B200 3B200/CA08 3B200/DA02 3B200/DA08 3B200/DA14 3B200/DB05 3B200/DB11 3B200/DB24**JP F-Index:** A61F13/49/100 A61F13/494/111 A61F13/53/100 A61F13/53/200 A61F13/53/300 A61F13/532/200 A61F13/532/210 A61F13/537/210 A61F13/537/220 A61F13/539

PatBase - US2016235603_AA

**Family:**

Publication number	Publication date	Application number	Application date
CN107205868 A	20170926	CN201680006870	20160204
DE602015019349 D1	20181129	DE201560019349T	20150217
EP3058912 A1	20160824	EP20150155435	20150217
EP3058912 B1	20181107	EP20150155435	20150217

JP2018508264 T2	20180329	JP20170540888T	20160204
US2016235603 AA	20160818	US20160044146	20160216
WO16133714 A1	20160825	WO2016US16482	20160204

Priority:

EP20150155435 20150217 WO2016US16482 20160204

Probable Assignee: PROCTER AND GAMBLE CO

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

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

Inventor(s): (std): ZIPF CHRISTINE ELISABETH ; EHRNSPERGER BRUNO JOHANNES ; JACKELS HANS ADOLF ; STOELZEL SR CLAUD PETER ; STOELZEL CLAUD PETER

Agent(s): L HUIILLIER FLORENT CHARLES; NAGAI HIROSHI; KREBS JAY A

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

12) Family number: 74876070 (WO19120574A1)

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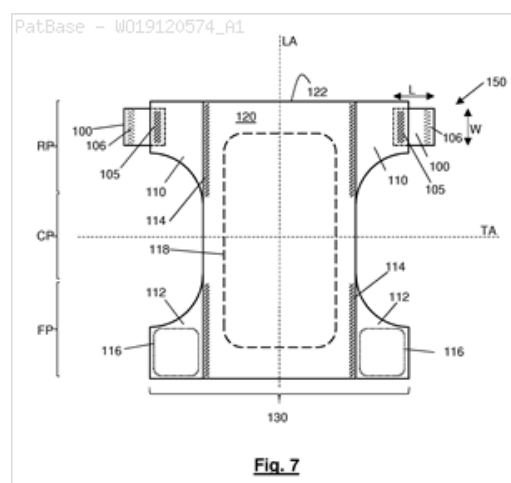
Title: ABSORBENT ARTICLE AND METHOD OF MANUFACTURING SAME

Abstract: Absorbent article comprising a layered structure with an absorbent material sandwiched between at least two layers of said layered structure, such as for example a diaper, and at least one elongate tab. Each elongate tab comprises an attached portion by which the tab is permanently attached to at least one layer of the layered structure and a fastening portion with hooks provided for releasably engaging a landing zone on the absorbent article. At least the attached portion and the fastening portion of each tab are made of a predetermined material which is deformable by means of an energy source. The attached portion comprises a weld, and the weld of the attached portion and the hooks of the fastening portion are integrally formed deformations of said predetermined material. Method for manufacturing such article, wherein the weld and the hooks are formed simultaneously.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/62 (Advanced/Invention)

CPC: A61F13/15756 A61F13/625



Family:

Publication number	Publication date	Application number	Application date
WO19120574 A1	20190627	WO2017EP84476	20171222

Priority:

WO2017EP84476 20171222

Probable Assignee: ESSITY HYGIENE AND HEALTH AB

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB

Assignee(s): ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): SILFVERSTRAND ANDERS ; SWEDBERG MARIA

Agent(s): NEDERLANDSCH OCTROOIBUREAU

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 JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

13) Family number: 74876075 (WO19120576A1)

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Title: ABSORBENT ARTICLE AND METHOD OF MANUFACTURING SAME

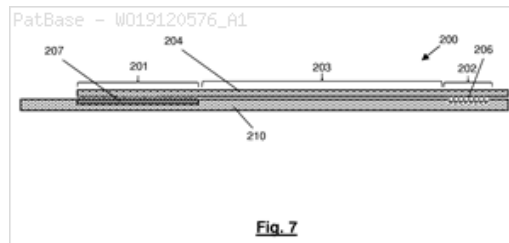
Abstract: Absorbent article comprising a layered structure with an absorbent material sandwiched between at least two layers of said layered structure, such as for example a diaper, and at least one elongate tab. Each elongate tab comprising an attached portion by which the tab is attached to at least one layer of the layered structure and a fastening portion provided for releasably

engaging a landing zone on the absorbent article. At least the attached portion of each tab is made of a predetermined material which is deformable by means of an energy source. The attached portion comprises a plurality of surface protrusions which are integrally formed of said material, each of said surface protrusions comprising a base portion and a head portion above the base portion. The attached portion is attached to said layer by means of deformed head portions of at least some of said surface protrusions. Method for manufacturing such article, wherein the attachment is by deforming head portions of the surface protrusions.

Classifications:

International (IPC 8-9): A44B18/00 A61F13/62 (Advanced/Invention)

CPC: A61F13/625



Family:

Publication number	Publication date	Application number	Application date
WO19120576 A1	20190627	WO2017EP84479	20171222

Priority:

WO2017EP84479 20171222

Probable Assignee: ESSITY HYGIENE AND HEALTH AB

Assignee(s): (std): ESSITY HYGIENE AND HEALTH AB

Assignee(s): ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s): (std): SWEDBERG MARIA ; SILFVERSTRAND ANDERS

Agent(s): NEDERLANDSCH OCTROOIBUREAU

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 JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

14) Family number: 31799089 (US2005075617A)

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Title: ABSORBENT ARTICLE COMPRISING AN ABSORBENT STRUCTURE

Abstract: An absorbent article, such as a diaper, an incontinence pad, a sanitary towel or the like, which has a liquid-permeable upper surface and includes an absorbent structure which includes at least a first superabsorbent material and a second superabsorbent material. The first superabsorbent material is an odor-inhibiting and/or bacteria-inhibiting superabsorbent material, and has a higher absorption rate than the second superabsorbent material.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/53 A61F5/44 A61L15/46 A61L15/60 (Advanced/Invention); A61F13/15 A61F5/44 A61L15/16 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61L15/46 A61L15/60

CPC: A61F13/532 A61F13/535 A61F13/8405 A61F2013/530481

A61F2013/530576 A61F2013/530715 A61F2013/8414 A61L15/46

A61L15/60 A61L2300/404 A61F13/534

European: A61F13/532 A61F13/534 A61F13/535 A61F13/84B A61L15/46 A61L15/60 K61F13/53Q K61F13/53Q3A K61F13/53Q8A K61F13/84B1B K61L300/404

US: 604/360 604/360P

JP F-Term: 3B029 3B200 3B200/AA01 3B200/AA03 3B200/AA15

3B200/BA01 3B200/BA03 3B200/BB09 3B200/BB10 3B200/BB18

3B200/BB22 3B200/BB24 3B200/DA12 3B200/DB01 3B200/DB02

3B200/DB11 3B200/DB12 3B200/DB23 3B200/DB24 3B200/DC01

3B200/DC02 3B200/DC09 4C003 4C098 4C098/AA09 4C098/CC03

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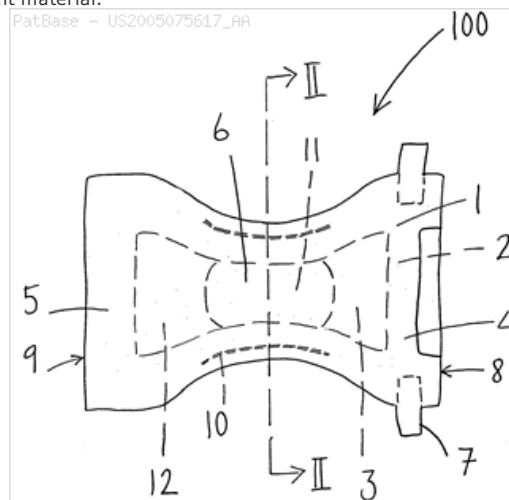
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A61F13/15/142 A61F13/18/307/B A61F13/18/310/Z A61F13/18/380

A61F13/53/100 A61F13/53/300 A61F13/534/110 A61F13/535/100

A61F5/44/H



Family:

Publication number	Publication date	Application number	Application date
AR045848 AA	20051116	AR2004P103521	20040928
AT418313 E	20090115	AT20040775499T	20041004
AU2004277362 AA	20050414	AU20040277362	20041004
AU2004277362 BB	20100701	AU20040277362	20041004
AU2004277362 CA	20110120	AU20040277362	20041004
BRPI0415094 A	20061226	BR2004PI15094	20041004
BRPI0415094 B1	20140923	BR2004PI15094	20041004
CA2540961 AA	20060403	CA20042540961	20041004
CN100438842 C	20081203	CN200480029289	20041004
CN1863494 A	20061115	CN200480029289	20041004
CO5670345 A2	20060831	CO20060033732	20060406

DE602004018667 D1	20090205	DE200460018667T	20041004
EP1670404 A1	20060621	EP20040775499	20041004
EP1670404 B1	20081224	EP20040775499	20041004
JP2007507283 T2	20070329	JP20060532228T	20041004
MXPA06003315 A1	20060608	MX2006PA03315	20041004
PL211873 B1	20120731	PL20040379421	20041004
PL379421 A1	20060904	PL20040379421	20041004
RU2006111092 A	20071027	RU20060111092	20041004
RU2345748 C2	20090210	RU20060111092	20041004
SE200302634 A0	20031006	SE20030002634	20031006
US2005075617 AA	20050407	US20040958273	20041006
WO05032443 A1	20050414	WO2004SE01405	20041004

Priority:

SE20030002634 20031006 US20030508282P 20031006 WO2004SE01405 20041004
US20040958273 20041006

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s): (std): VARTIAINEN KENT

Inventor(s): KENT VARTIAINEN

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; WATERMARK PATENT AND TRADE MARKS ATTORNEYS; FETHERSTONHAUGH AND CO; ROMARE LAILA ANETTE ET AL; BURNS DOANE SWECKER AND MATHIS L L P

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 UZ VC VN YU ZA ZM ZW

15) Family number: 68076093 (US2018000661A)

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Title: ARRAY OF ABSORBENT ARTICLES

Abstract: Arrays of absorbent articles having signals or combinations of signals that help communicate functional features of the component article, including the presence and/or absence of channels.

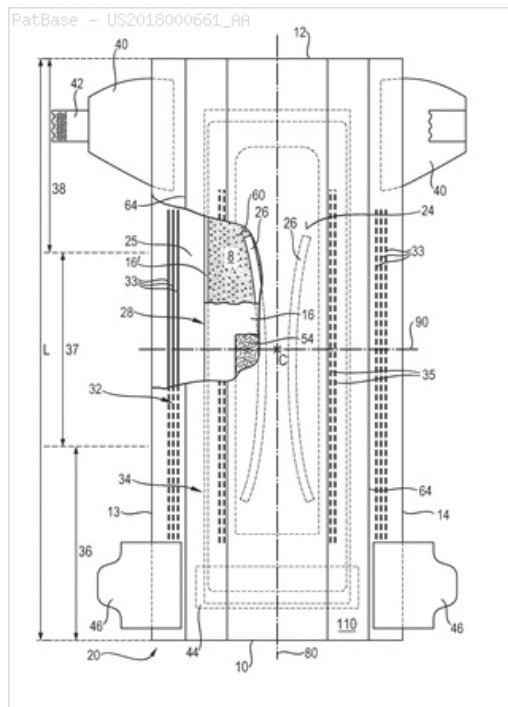
Classifications:

International (IPC 8-9): A61F13/42 A61F13/44 A61F13/475 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61F13/532

A61F13/84 (Advanced/Invention);

A61F13/45 (Advanced/Non-invention)

CPC: A61F13/4756 A61F13/51108 A61F13/44 A61F2013/4587 A61F13/42 A61F13/84 A61F13/49



Family:

Publication number	Publication date	Application number	Application date
CN109152669 A	20190104	CN201780031499	20170630
EP3478237 A1	20190508	EP20170738023	20170630
JP2019518553 T2	20190704	JP20180566285T	20170630
US2018000661 AA	20180104	US20170639093	20170630
WO18006027 A1	20180104	WO2017US40393	20170630

Priority:

US20160356562P 20160630 US20170639093 20170630 WO2017US40393 20170630

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE
Assignee(s): PROCTER AND GAMBLE CO
Inventor(s): (std): LE NGUYEN HUYNH TRANG ; FITES THEODORE CORY ; SANBORN SARAH ANN
Agent(s): MATHER PETER GEOFFREY; NAGAI HIROSHI; KREBS JAY A
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 JO JP KE KG KH KM KN KP KR KW 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: 20389094 (US5575785A)

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Title: Absorbent article including liquid containment beams and leakage barriers

Abstract: An absorbent article includes first and second liquid containment beams that are moveable relative to a moisture barrier. In particular embodiments, leakage barriers formed of a liquid impermeable material are bonded to the moveable containment beams to impede lateral movement of liquid. In other embodiments, the moisture barrier is formed of a breathable material and the leakage barriers are positioned between the containment beams and moisture barrier to minimize condensation on an exterior surface of the moisture barrier. Desiccant particles may also be included adjacent the moisture barrier to further minimize condensation.

Classifications:

International (IPC 8-9): A41B9/12 A61F13/15 A61F13/40 A61F13/472
A61F13/494 A61F13/56 A61F5/44 (Advanced/Invention);
A61F13/15 A61F13/56 A61F5/44 (Advanced/Non-invention);
A41B9/00 A61F13/15 A61F13/40 A61F13/56 A61F5/44 (Core/Invention);
A61F13/56 (Core/Non-invention)

International (IPC 1-7): A41B9/12 A61F13/15 A61F13/20 A61F13/40
A61F13/56 A61F5/44

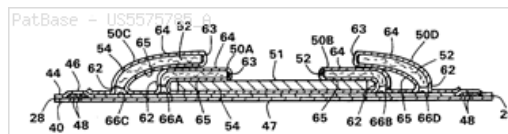
CPC: A61F13/49426 A61F13/5323 A61F13/535 A61F13/64 A61F2013/15544 A61F13/15585 Y10T156/1075

European: A61F13/15M2 A61F13/494A1B A61F13/532B A61F13/535 K61F13/15J8T K61F13/64

US: 156/264 604/385.02 604/385.1 604/385.2 604/385.21 604/385.28 604/385.31

JP F-Term: 3B028 3B029 3B029/BD09 3B029/BD12 3B029/BD14 3B029/BD19 3B029/BF02 3B128 3B128/KA01 3B200 3B200/AA01 3B200/AA03 3B200/BA01 3B200/BA04 3B200/BA07 3B200/BB21 3B200/CA02 3B200/CA08 3B200/CA09 3B200/DA06 3B200/DA16 3B200/DA17 3B200/DB12 3B200/DB22 3B200/DB23 3B200/DB24 3B200/DD07 4C003 4C003/EA03 4C003/HA05 4C098 4C098/AA09 4C098/CC02 4C098/CC07 4C098/CC10 4C098/CC11 4C098/CC12 4C098/CC14 4C098/CC15 4C098/CD01 4C098/CE05 4C098/CE06 4C098/CE07 4C098/CE08 4C098/CE09 4C098/DD01 4C098/DD02 4C098/DD03 4C098/DD06 4C098/DD10 4C098/DD12 4C098/DD16 4C098/DD22 4C098/DD23 4C098/DD25 4C098/DD26 4C098/DD30

JP F-Index: A41B13/02/K A41B9/12/E A61F13/18/340 A61F13/49/312/A A61F13/49/315/A A61F13/494/113 A61F13/494/200 A61F13/514/210 A61F13/514/213 A61F13/537/200 A61F5/44/A A61F5/44/Z



Family:

Publication number	Publication date	Application number	Application date
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AU199660344 A1	19961230	AU19960060344	19960603
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BRPI9609070 A	20020716	BR1996PI09070	19960603
CA2220724 AA	19971202	CA19962220724	19960603
EP0830121 A1	19980325	EP19960917972	19960603
JP11506955 T2	19990622	JP19970501112T	19960603
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MX9709486 A1	19980228	MX19970009486	19960603
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ZA9604746 A	19970108	ZA19960004746	19960606

Priority:

US19950473055	19950607	US19950476742	19950607	US19950485221	19950607
WO1996US08552	19960603	US19960731812	19961021	US19970976324	19971121
US19970986660	19971208				

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): JACKSON DAVID MARTIN ; KIMBERLY CLARK WORLDWIDE INC ; SHERROD EARLE HARRY ; AKIN FRANK JERREL ; GRYSKIEWICZ STANLEY MICHAEL

Inventor(s): (std): AKIN FRANK J ; AKIN FRANK JERREL ; AKIN FRANK JERRELL ; EARLE HARRY SHERROD ; DAVID MARTIN JACKSON ; FRANK JERREL AKIN ; GRYSKIEWICZ STANLEY M ; JACKSON DAVID M ; SHERROD EARLE H ; GRYSKIEWICZ STANLEY MICHAEL ; JACKSON DAVID MARTIN ; SHERROD EARLE HARRY ; STANLEY MICHAEL GRYSKIEWICZ ; FRANK JERRELL AKIN

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

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

Title: ARTICULO ABSORBENTE CON MIEMBRO DE CONTACTO CON EL CUERPO PARA CONTROL DE LIQUIDOS Y EL METODO PARA SU FABRICACION
ARTICLE WITH MEMBER OF CONTACT WITH LIQUID BODY FOR CONTROL AND METHOD OF MAKING (Machine translation)

Abstract: Source: CO4340613A [ES] 1. ARTICULO ABSORBENTE CON MIEMBRO DE CONTACTO CON EL CUERPO PARA CONTROL DEL LIQUIDO QUE TIENE EJES LONGITUDINALES, UN LARGO ELONGADO, UNA PRIMERA REGION DE BANDA DE CINTURA, Y UNA REGION INTERMEDIA QUE INTERCONECTA LA PRIMERA Y LA SEGUNDA REGION DE BANDA DE CINTURA, CARACTERIZADO PORQUE DICHO ARTICULO ABSORBENTE COMPRENDE: UN ARMAZON DE PRENDA QUE TIENE SUPERFICIES OPUESTAS INTERNA Y EXTERNA Y QUE COMPRENDE UN CONJUNTO ABSORBENTE; Y UN MIEMBRO DE CONTROL DE LIQUIDO QUE TIENE UNA PRIMERA ZONA FIJA ENLAZADA A LA SUPERFICIE INTERNA EN LA PRIMERA REGION DE BANDA DE CINTURA, UNA SEGUNDA ZONA FIJA OPUESTA ENLAZADA A LA SUPERFICIE INTERNA EN LA SEGUNDA REGION DE BANDA DE CINTURA, Y UNA ZONA ELASTIZADA ENTRE LA PRIMERA Y LA SEGUNDA ZONA FIJA, LA ZONA ELASTIZADA COMPRENDE UN MATERIAL PERMEABLE AL LIQUIDO Y ESTA EN COMUNICACION LIQUIDA CON EL CONJUNTO ABSORBENTE, LA ZONA ELASTIZADA ESTA ADAPTADA PARA CONTRAERSE POR LO MENOS ALREDEDOR DEL 10 POR CIENTO DEL LARGO ELONGADO. 29. UN METODO PARA FABRICAR UN ARTICULO ABSORBENTE CON MIEMBRO DE CONTACTO CON EL CUERPO PARA CONTROL DE LIQUIDO QUE TIENE EJES LONGITUDINALES, UN LARGO ELONGADO, UNA PRIMERA REGION DE BANDA DE CINTURA, UNA SEGUNDA REGION DE BANDA DE CINTURA, UNA REGION INTERMEDIA QUE INTERCONECTA LA PRIMERA Y LA SEGUNDA REGION DE BANDA DE CINTURA, CARACTERIZADO PORQUE DICHO METODO COMPRENDE LOS SIGUIENTES PASOS: PROPORCIONAR UN ARMAZON DE PRENDA QUE TIENE SUPERFICIES OPUESTAS INTERNAS Y EXTERNAS Y QUE COMPRENDE UN CONJUNTO ABSORBENTE; PROPORCIONAR UN MIEMBRO DE CONTROL QUE TIENE UNA PRIMERA ZONA FIJA, UNA SEGUNDA ZONA FIJA OPUESTA Y UNA ZONA ELASTIZADA ENTRE LA PRIMERA Y LA SEGUNDA ZONAS FIJAS, LA ZONA ELASTIZADA COMPRENDE UN MATERIAL PERMEABLE AL LIQUIDO Y ESTA ADAPTADA PARA CONTRAER POR LO MENOS ALREDEDOR DEL 10 POR CIENTO DEL LARGO ELONGADO; Y ENLAZAR LA PRIMERA ZONA FIJA A LA SUPERFICIE INTERNA EN LA PRIMERA REGION DE BANDA DE CINTURA Y LA SEGUNDA ZONA FIJA A LA SUPERFICIE INTERNA EN LA SEGUNDA REGION DE BANDA DE CINTURA, EL MIEMBRO DE CONTROL DE LIQUIDO ESTA UBICADO Y ADAPTADO PARA ESTAR EN COMUNICACION LIQUIDA CON EL CONJUNTO ABSORBENTE. **Machine translation:** 1. absorbent article contacting member BODY FOR CONTROL liquid having longitudinal axes, A LONG elongated a first region waistband, and an intermediate region interconnecting the first and the second region BAND WAIST, wherein said ARTICLE ABSORBING comprising: a frame having opposed PLEDGE INTERNAL AND EXTERNAL SURFACES AND ABSORBING comprising a set; AND CONTROL member of liquid having a first portion fixed to the inner surface LINKED IN THE FIRST REGION waistband, a second zone FIXED OPPOSITE linked to the inner surface in the second region waistband, AND A Stretch AREA BETWEEN THE FIRST AND SECOND AREA FIXED elasticized zone includes A liquid permeable material and is in communication with the absorbent LIQUID whole, elastized zone is adapted to contract AT least about 10 percent DEL LONG elongated. 29. A method of making an absorbent article with MEMBER OF CONTACT WITH BODY CONTROL liquid having longitudinal axes, a long, elongated, a first region waistband, a second waistband region, an intermediate region interconnecting THE FIRST AND REGION second waistband, characterized in that said method comprises the steps of: providing a framework of garment having opposed inner surfaces AND OUTSIDE AND A SET comprising ABSORBING; PROVIDE a control member having a first fixed zone, a second zone FIXED AND AREA OPPOSITE elasticized BETWEEN THE FIRST AND SECOND FIXED AREAS, elasticized zone comprises a material permeable to the liquid and is adapted to GETTING AROUND AT LEAST 10 PERCENT OF LONG elongated; FIRST AND LINK TO THE SURFACE AREA FIXED INTERNAL in the first region waistband and the second zone fixed to the inner surface in the second region waistband, MEMBER OF CONTROL OF LIQUID IS LOCATED AND ADAPTED TO BE LIQUID IN COMMUNICATION WITH SET absorbent.

Classifications:

International (IPC 8-9): A61F13/15 (Advanced/Invention);

A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/15

Family:

Publication number	Publication date	Application number	Application date
CO4340613 A1	19960730	CO19950049967	19951024

Priority:

CO19950049967 19951024

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): SOSALLA PAULA MARY ; NORDNESS CYNTHIA HELEN ; ENDRES DAN DAROLD

Inventor(s): DAN DAROLD ENDRES ; PAULA MARY SOSALLA ; CYNTHIA HELEN NORDNESS

Agent(s): RAMIRO CASTRO DUQUE

Title: ABSORBENT DEVICE FOR MALE WEARERS

Abstract: ABSTRACT Disposable absorbent device for male wearers containing an outside layer and an absorbent batt wherein the part of said outside layer situated next to the wearer's body is provided with an opening preferably of a long and narrow shape equipped with elastics, to fit and surround the users penis and/or penis and scrotum. The devices of the invention are particularly suited for absorbent incontinent including bedridden patients but are also suitable to fit baby needs.

Classifications:

International (IPC 8-9): A61F13/15 A61F5/44

A61F5/453 (Advanced/Invention);

A61F5/44 (Advanced/Non-invention);

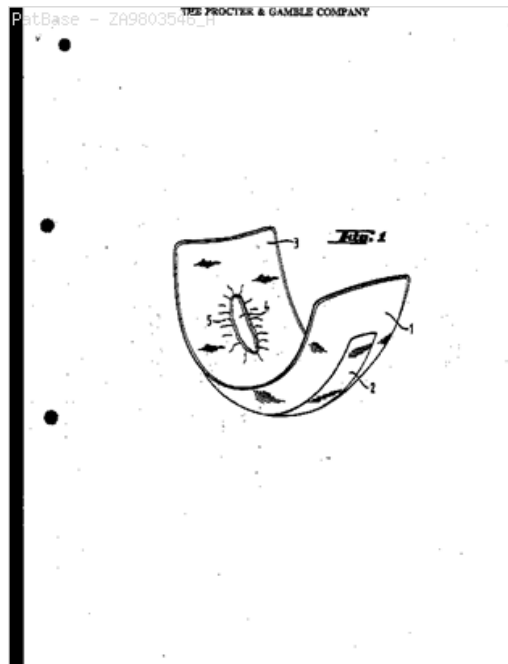
A61F13/15 A61F5/44 A61F5/451 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F5/44 A61F5/453

CPC: A61F13/471

European: A61F13/471

JP F-Term: 3B200 3B200/AA14 3B200/CA11 4C098 4C098/AA09 4C098/CC02 4C098/CC07 4C098/CC10 4C098/CC38 4C098/CD01 4C098/CE05 4C098/CE12 4C098/DD01 4C098/DD03 4C098/DD10 4C098/DD12 4C098/DD13 4C098/DD23 4C098/DD25 4C098/DD30



Family:

Publication number	Publication date	Application number	Application date
AU199871533 A1	19981124	AU19980071533	19980424
BRPI9809108 A	20000801	BR1998PI09108	19980424
CA2286771 AA	19981105	CA19982286771	19980424
EP1014906 A1	20000705	EP19980918646	19980424
JP2002509462 T2	20020326	JP19980547134T	19980424
KR100457292 B1	20041116	KR19997009868	19991025
KR20010020268 A	20010315	KR19997009868	19980424
SE9701590 A0	19970428	SE19970001590	19970428
WO9848753 A1	19981105	WO1998US08218	19980424
ZA9803546 A	19990120	ZA19980003546	19980428

Priority:

SE19970001590 19970428 WO1998US08218 19980424

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): BJORNBERG STEN GUNNAR ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; STEN BJOERNBERG

Assignee(s): THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std): BJOERNBERG STEN GUNNAR ; BJORNBERG STEN GUNNAR ; BJOERNBERG STEN

Inventor(s): STEN GUNNAR BJORNBERG ; STEN BJOERNBERG

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD

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 US UZ VN YU ZW

19) Family number: 29109106 (US7838723B)

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Title: ABSORBENT STRUCTURES COMPRISING FLUID STORAGE MEMBERS WITH IMPROVED ABILITY TO DEWATER DISTRIBUTION MEMBERS

Abstract: The invention relates to absorbent structures for use in absorbent articles. The structures include a first region for distribution of fluid and a second region for storage of fluid. The first region contains materials, with a relatively high capillary desorption pressure, while the second region contains materials exhibiting a sufficiently high capillary absorption pressure efficiently drain the first region. Exemplary materials have a CSDH **50** of more than 40 cm, and a second region containing a material which satisfies at least one of following requirements: (a) an absorption capacity of at least 15 g/g at 35 cm (b) an absorption capacity of at least 15 g/g at 0 cm and an absorption efficiency of at least 55 percent at 40 cm; and (c) a Capillary Sorption Absorption height at 50 percent of its capacity at 0 cm absorption height (CSAH **50**) of at least 35 cm.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/53 A61F13/534

A61F5/44 B01J20/26 (Advanced/Invention);

A61L15/00 (Advanced/Non-invention);

A61F13/15 A61F5/44 B01J20/22 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/49 A61F13/53 A61F13/534

A61F5/44 B01J20/26

CPC: A61F13/15203 A61F13/537 A61F2013/530459 A61F2013/530467

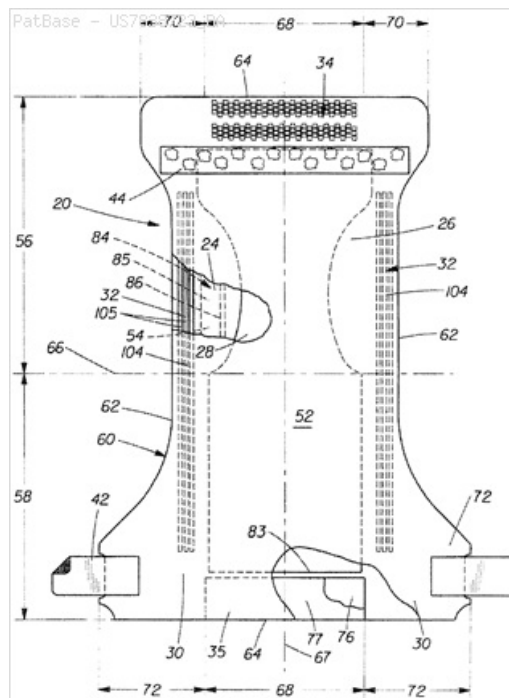
A61F2013/530817

European: A61F13/15J K61F13/537 K61F13/53P2A K61F13/53P2B

K61F13/53R1A

US: 604/368 604/369 604/378 604/385.01

JP F-Term: 3B029 3B029/BA18 3B200 3B200/AA01 3B200/AA03 3B200/BA01 3B200/BA02 3B200/BA04 3B200/BA10 3B200/BA13 3B200/BA14 3B200/BB04 3B200/BB05 3B200/BB10 3B200/BB11 3B200/BB14 3B200/BB17 3B200/DB01 3B200/DB02 3B200/DB19 4C003 4C003/AA02 4C003/AA22 4C098 4C098/AA09 4C098/CC02 4G066 4G066/AA71 4G066/AC02 4G066/AC11 4G066/AC12 4G066/AC13 4G066/AC14 4G066/AC15 4G066/AC17 4G066/AC23 4G066/AC27 4G066/AC35 4G066/AE05 4G066/BA03 4G066/BA05 4G066/BA16 4G066/BA22 4G066/BA26 4G066/BA28 4G066/BA36 4G066/DA11 4G066/DA12 4G066/DA13 4G066/DA15 4G066/EA05
JP F-Index: A41B13/02/B A61F13/18/302 A61F13/53/300 A61F13/532/100 A61F5/44/H B01J20/26/B



Family:

Publication number	Publication date	Application number	Application date
AR014710 AA	20010328	AR1999P101059	19990311
AU199865560 A1	19990927	AU19980065560	19980313
AU199926340 A1	19991011	AU19990026340	19990312
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CA2322872 AA	20000907	CA19992322872	19990312
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CN1299259 A	20010613	CN19998005793	19990312
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CZ20003277 A3	20010314	CZ20000003277	19990312
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HU0102660 AC	20011228	HU20010002660	19990312
ID28318 A	20010510	ID20000001794	19990312
IL138254 A0	20011031	IL19990138254	19990312
IN215631 B	20080314	IN2000DN00173	20000905
JP2002506682 T2	20020305	JP20000536333T	19990312
KR20010041839 A	20010525	KR20007010129	19990312
MXPA00008957 A1	20010501	MX2000PA08957	19980313
PE05232000 A1	20000723	PE19990000208	19990315
TH39601 A	20000731	TH19991000815	19990312
TR200002631 T2	20001221	TR20000002631T	19990312
TW526053 B	20030401	TW19990109634	19990609
US7838723 BA	20101123	US19990623943	19990312
WO9945877 A1	19990916	WO1998US05042	19980313
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Priority:

US19980805042 19980313 WO1998US05042 19980313 CZ20000003277 19990312
WO1999IB00409 19990312 WO1999IB00408 19990312

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PALUMBO GIANFRANCO ; SCHMIDT MATTIAS ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; YOUNG GERALD ALFRED ; PROCTER AND ; DESMARAI THOMAS ALLEN ; GAMBLE CO

Inventor(s): (std): SCHMIDT MATTIAS ; PALUMBO GIANFRANCO ; SCHMIDT MATTHIAS ; PALUMBO GIAFRANCO ; GIANFRANCO PALUMBO ; MATTIAS SCHMIDT ; MATTHIAS SCHMIDT ; ALFRED YOUNG GERALD ; ALLEN DESMARAI THOMAS ; DESMARAI THOMAS ALLEN ; YOUNG GERALD ALFRED

Inventor(s): DESAI FRED ; EHRSNERGER BRUNO JOHANNES ; GERALD YOUNG ; THOMAS DERMARAI

Agent(s): SIM AND MCBURNEY; HARNECKER; DAVID M; CHARLES R; WILLIAM E

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

Title: ABSORBENT PRODUCT WITH LOW FRICTION ZONE

Abstract: An absorbent product includes a backsheet, a topsheet and an absorbent core structure located therebetween, the core including a topsheet-facing surface which is fixedly attached to the topsheet. A low friction zone is arranged between the topsheet and the topsheet-facing surface in an area where said topsheet is not attached to the topsheet-facing surface, or a sheet is secured at a portion of its periphery to the topsheet and the low friction zone is placed above the topsheet. These arrangements alleviate skin damage.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/20

A61F15/534 (Advanced/Invention);

A61F13/15 A61F13/20 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20

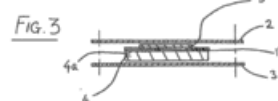
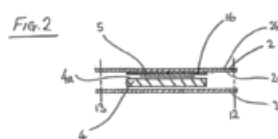
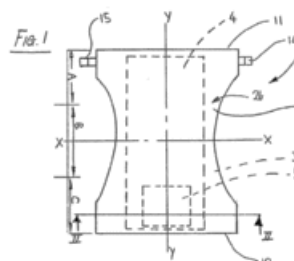
CPC: A61F13/539 A61F2013/15024 A61F2013/15032 A61F2013/15154 A61F2013/8497

European: A61F13/539 K61F13/15A10 K61F13/15A18 K61F13/15A7 K61F13/84G

US: 128/891 604/378 604/378P

PatBase - US2005165375_AA

Patent Application Publication Jul. 28, 2005 Sheet 1 of 3 US 2005/0165375 A1



Family:

Publication number	Publication date	Application number	Application date
US2005165375 AA	20050728	US20040017666	20041222
US7345215 BB	20080318	US20040017666	20041222

Priority:

US20030530988P 20031222 US20040017666 20041222

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): DOVERBO ANNA GERD ; FERNFORS INGEMAR ; FRANZEN EVA

Agent(s): BURNS DOANE SWECKER AND MATHIS L L P; BUCHANAN INGERSOLL AND ROONEY PC

Title: ABSORBENT ARTICLE

Abstract: The invention provides a disposable personal care absorbent article comprising a layered structure, the layered structure comprising an absorbent structure disposed in between a body facing liquid-permeable top sheet and a liquid-impermeable back sheet, wherein the top and back sheets are biodegradable, and wherein the disposable personal care absorbent article has plant seed incorporated therein.

Classifications:

International (IPC 8-9): A61F13/49 (Advanced/Invention);

A61F13/15 (Core/Invention)

CPC: A61F13/15252 A61F13/84 A61F2013/51433 A61F2013/8435

European: A61F13/15J4 A61F13/84 K61F13/514A4D K61F13/84B1H

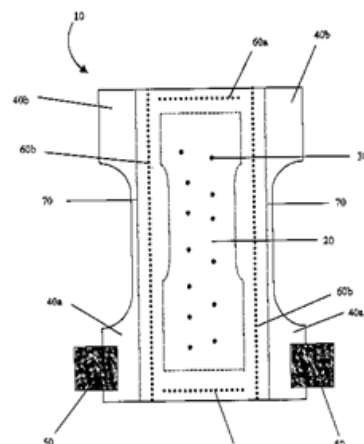


Figure 1

Family:

Publication number	Publication date	Application number	Application date
AU2007229313 AA	20070927	AU20070229313	20070316
AU2007229313 BB	20120524	AU20070229313	20070316
WO07106929 A1	20070927	WO2007AU00323	20070316

Priority:

AU20060901389 20060317 AU20070229313 20070316 WO2007AU00323 20070316

Probable Assignee: TRISTANO PTY LTD

Assignee(s): (std): SCHEIRS JOHN ; TRISTANO PTY LTD

Inventor(s): (std): SCHEIRS JOHN

Inventor(s): JOHN SCHEIRS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

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

22) Family number: 44335135 (US2011130275A)

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Title: FLUID-ABSORBENT ARTICLES

Abstract: The present invention relates to a process for producing fluid-absorbent cores, comprising mixing a fibrous material and fluid-absorbent polymer particles having low moisture content and low apparent density and pressing the obtained mixture under specific conditions.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/53 B01J20/22 B01J20/26 B01J20/28 B01J20/30 (Advanced/Invention); A61F13/15 (Core/Invention)

CPC: B01J20/261 A61F13/15203 A61F13/15658 A61F13/53 A61F2013/15422 A61F2013/530496 A61F2013/530569

A61F2013/530583 A61F2013/5307 A61F2013/530708 B01J20/28028

European: A61F13/15J A61F13/15M3G A61F13/53 K61F13/15J8H K61F13/53Q1A K61F13/53Q3 K61F13/53Q4 K61F13/53Q6 K61F13/53Q8

US: 502/400 502/401 502/402

JP F-Term: 3B200 3B200/AA01 3B200/BA01 3B200/BB04 3B200/BB17 3B200/CA02 3B200/CA11 3B200/DB19 3B200/EA05

JP F-Index: A41B13/02/B A61F13/15/100 A61F13/15/321 A61F13/531

Family:

Publication number	Publication date	Application number	Application date
CN102170849 A	20110831	CN200980139708	20090803
CN102170849 B	20130821	CN200980139708	20090803
DE602009017095 D1	20130905	DE200960017095T	20090803
EP2313042 A1	20110427	EP20090781406	20090803
EP2313042 B1	20130710	EP20090781406	20090803
GC5082 A	20170306	GC2009P014063	20090805
JP2011529755 T2	20111215	JP20110521548T	20090803

JP5933262 B2	20160608	JP20110521548T	20090803
US2011130275 AA	20110602	US20090056718	20090803
US2014302985 AA	20141009	US20140308968	20140619
US8796174 BB	20140805	US20090056718	20090803
US9480968 BB	20161101	US20140308968	20140619
WO10015591 A1	20100211	WO2009EP60012	20090803

Priority:

US20080086611P 20080806 EP20090781406 20090803 WO2009EP60012 20090803
US20090056718 20090803 US20110056718 20110131 US20140308968 20140619

Probable Assignee: BASF SE

Assignee(s): (std): BASF AG ; BASF SE ; BERTHA SYLVIA ; FUNK RUEDIGER ; LOUDEN JOHN JOSEPH ; KRUEGER MARCO ; SCHROEDER ULRICH ; WEISMANTEL MATTHIAS

Inventor(s): (std): BERTHA SYLVIA ; LOUDEN JOHN JOSEPH ; KRUEGER MARCO ; SCHROEDER ULRICH ; FUNK RUEDIGER ; WEISMANTEL MATTHIAS ; ULRICH SCHROEDER ; SYLVIA BERTHA ; RUEDIGER FUNK ; MARCO KRUEGER ; JOSEPH LOUDEN JOHN ; MATTHIAS WEISMANTEL

Agent(s): SABA AND CO TMP; MARSHALL GERSTEIN AND BORUN LLP; BASF SE

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 TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

23) Family number: 20326158 (US5669798A)

© PatBase

Title: COMPOSITE NONWOVEN MATERIAL PROCESS OF MANUFACTURE AND ITS APPLICATION TO ANY ABSORBENT ARTICLE OF HYGIENE

Abstract: PCT No. PCT/FR94/00710 Sec. 371 Date Jan. 18, 1996 Sec. 102(e) Date Jan. 18, 1996 PCT Filed Jun. 14, 1995 PCT Pub. No. WO94/29506 PCT Pub. Date Dec. 22, 1994A composite nonwoven material comprises at least one layer (2) of a carded voile of hydrophobic thermoplastic fibers, the said fibers being partially disoriented in at least a proportion of the thickness of the voile so that a proportion of the said fibers has an angular orientation in relation to the main plane of the fibers of the said voile, and a layer (3) made of voile of nonwoven of noncarded type of hydrophobic thermo-plastic fibers, the fibers of at least one of the layers being chosen from fibers with a low melting point, two-component fibers, mixtures of such fibers with fibers of high melting point and fibers mixed with a binder or one face of the voile of one of the layers is coated with a binder, the layers being joined together by heat-melting.

Classifications:

International (ipc 8-9): A61F13/15 A61F13/49 A61F13/511 A61F13/53 B32B5/08 D04H1/42 D04H1/4291 D04H1/435 D04H1/48 D04H1/541 D04H1/544 D04H1/55 D04H1/559 D04H1/58

D04H13/00 (Advanced/Invention);

D04H1/48 (Advanced/Non-invention);

A61F13/15 D04H1/42 D04H1/48 D04H13/00 (Core/Invention)

International (ipc 1-7): A61F13/15 A61F13/46 A61F13/54 B32B31/20 B32B5/08 B32B5/26 B32B7/10 B32B7/12 D04H1/42 D04H1/48 D04H1/54 D04H1/58 D04H1/70 D04H1/72 D04H13/00

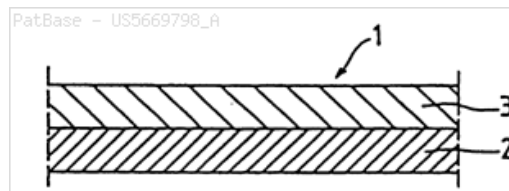
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European: A61F13/494A1 A61F13/511 A61F13/512 D04H1/42 D04H1/4291 D04H1/435 D04H1/541 D04H1/544 D04H1/55 D04H1/559 D04H1/58 D04H13/00

US: 156/291 156/308.2 428/340 442/362 442/364 442/389 442/393 442/411 604/366 604/384 604/385.1

JP F-Term: 3B029 3B029/BA05 3B029/BA12 3B029/BA14 3B029/BB03 3B029/BD18 3B200 3B200/AA01 3B200/BA03 3B200/BA04 3B200/BA05 3B200/BA14 3B200/BA16 3B200/BB01 3B200/BB04 3B200/BB20 3B200/DA14 3B200/DC01 3B200/DC02 3B200/DC05 3B200/DC07 3B200/DC09 3B200/EA07 3B200/EA23 3B200/EA24 4C003 4C003/BA02 4C003/BA08 4L047 4L047/AA14 4L047/AA21 4L047/AA27 4L047/AA28 4L047/AA29 4L047/BA09 4L047/BA13 4L047/CA02 4L047/CB07 4L047/CC03 4L047/CC04

JP F-Index: A41B13/02/B A61F13/18/310/Z A61F13/494/110 A61F13/511/410 A61F13/512 A61F13/537/210 A61F13/537/310 D04H1/48/Z



Family:

Publication number	Publication date	Application number	Application date
AT149218 E	19970315	AT19940919707T	19940614
AU199470759 A1	19950103	AU19940070759	19940614
AU685816 B2	19980129	AU19940070759	19940614
CA2165336 AA	19951214	CA19942165336	19940614
CZ286421 B6	20000412	CZ19950003314	19940614
CZ9503314 A3	19961016	CZ19950003314	19940614
DE69401819 D1	19970403	DE19946001819	19940614
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ES2100724 T3	19970616	ES19940919707T	19940614
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FR2706492 A1	19941223	FR19930007239	19930616
FR2706492 B1	19950929	FR19930007239	19930616
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GB2279673 B2	19970122	GB19940011545	19940608

GB9411545 A0	19940803	GB19940011545	19940608
GR3022684 T3	19970531	GR19970400148T	19970227
HU216416 B	19990628	HU19950003601	19940614
HU74139 A2	19961128	HU19950003601	19940614
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Priority:

FR19930007239 19930616 WO1994FR00710 19940614

Probable Assignee: PEAUDOUCE

Assignee(s): (std): KOCZAB JEAN PIERRE ; PEAUDOUCE

Assignee(s): PEAUDOUCE LINSSELLES FR

Inventor(s): (std): JEAN PIERRE KOCZAB ; KOCZAB JEAN PIERRE

Inventor(s): KOCZAB JEAN PIERRE F 59910 BONDUES FR

Agent(s): GRIFFITH HACK; FETHERSTONHAUGH AND CO; BUREAU DA CASALONGA AND JOSSE

Designated states: AT AU BE CA CH CZ DE DK ES FI FR GB GR HU IE IT JP LI LU MC NL NO NZ PL PT SE SK US

24) Family number: 55369166 (WO15055695A1)

© PatBase

Title: ARTICLE WITH TOPSHEET FORESHORTENED BY A DRAWSTRING

Abstract: The present invention is an article for being worn on the lower torso of a wearer with a topsheet, foreshortened adjustably by means of a drawstring system, and adapted to allow bodily exudates to pass through a passageway in the topsheet.

Classifications:

International (IPC 8-9): A61F13/493 A61F13/495 A61F13/511

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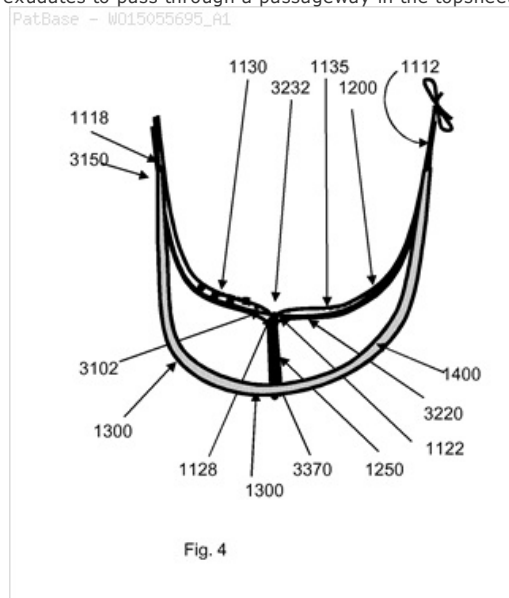
A61F13/512 (Advanced/Non-invention)

CPC: A61F13/495 A61F13/493 A61F13/511 A61F13/513 A61F2013/4951

A61F2013/4953 A61F2013/4956 A61F2013/51186 A61F2013/51195

A61F2013/5128 A61F2013/51322 A61F2013/51361 A61F13/51104

A61F13/49



Family:

Publication number	Publication date	Application number	Application date
GB201318199 A0	20131127	GB20130018199	20131015
GB201608241 A0	20160622	GB20160008241	20141015
GB2519292 A1	20150422	GB20130018199	20131015
GB2534325 A1	20160720	GB20160008241	20141015
WO15055695 A1	20150423	WO2014EP72079	20141015

Priority:

GB20130018199 20131015 WO2014EP72079 20141015

Probable Assignee: CONCEPTS FOR SUCCESS C4S

Assignee(s): (std): CONCEPTS FOR SUCCESS C4S ; CONCEPTS FOR SUCCESS C4S E K

Assignee(s): CONCEPTS FOR SUCCESS C4S EK
Inventor(s): (std): CHRISTOPH SCHMITZ ; SCHMITZ CHRISTOPH
Agent(s): PLISCHKE MANFRED
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

25) Family number: 11860169 (AU734921B)

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Title: Absorbent composite

Abstract: Absorbent Composite Abstract An absorbent composite (44) suitable for use in a disposable absorbent garment The absorbent composite (44) comprising means (50) for containing a superabsorbent material containment means (50) comprising a fibrous matrix; and a superabsorbent material (58) contained by the containment means e **Io sso V.I (R:\LIBLLJ08300.doc:lzg

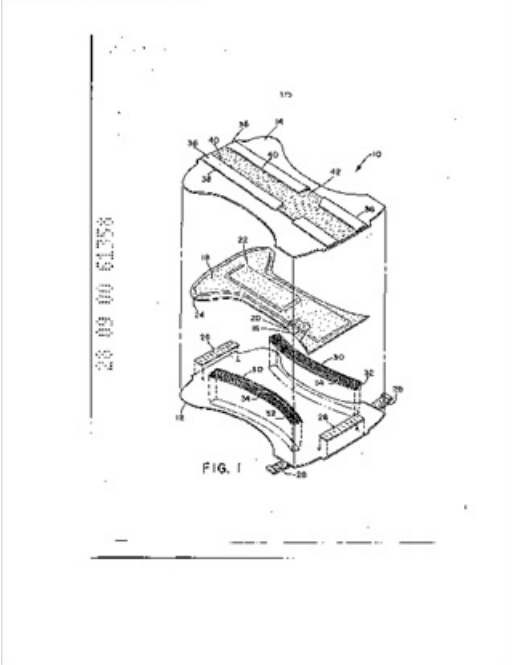
Classifications:

International (IPC 8-9): A61F13/534 (Advanced/Invention);

A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/534

PatBase - AU734921_B2



Family:

Publication number	Publication date	Application number	Application date
AU200061358 A1	20001130	AU20000061358	20000928
AU200061358 A5	20001130	AU20000061358D	20000928
AU734921 B2	20010628	AU20000061358	20000928

Priority:

US19930016312 19930224 US19930145452 19931029 AU19970046910 19971205
AU20000061358 20000928

Probable Assignee: KIMBERLY CLARK CORP

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

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

Inventor(s): (std): YARBROUGH SANDRA MARIE ; PUTZER MELISSA CHRISTINE ; MELIUS MARK KEVIN ; KELLENBERGER STANLEY ROY ; BYERLY SHANNON KATHLEEN

Inventor(s): MARK KEVIN MELIUS ; MELISSA CHRISTINE PUTZER ; SANDRA MARIE YARBROUGH ; SHANNON KATHLEEN BYERLY ; STANLEY ROY KELLENBERGER

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD

26) Family number: 30248180 (WO03053299A1)

© PatBase

Title: DISPOSABLE PANT DIAPER

Abstract: The invention relates to a disposable absorbent pant diaper with a longitudinal direction and a transverse direction, an inner cover layer (11), an outer cover layer (12), and an absorption body (10) enclosed between the two cover layers (11, 12), and having two end edges (6, 7) extending in the transverse direction forming a waist opening and two side edges (8, 9) extending in the longitudinal direction forming leg openings, the pant diaper also having a front portion (1) and a rear portion (2) which are connected by an intermediate crotch portion (3). The absorption body (10) is constructed so that the liquid-spreading in the pant diaper is limited to remain below an area of spread of 200 square centimetres in the plane of the absorption body (10) for a liquid quantity of 150 millilitres. The absorption body is constructed so that the liquid-spreading in the pant diaper is limited

to remain below an extent of 200 square centimetres in the plane of the absorption body.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/496 A61F13/53 A61F5/44 (Advanced/Invention); A61F13/53 (Advanced/Non-invention); A61F13/15 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/49 A61F13/496 A61F13/53 A61F5/44

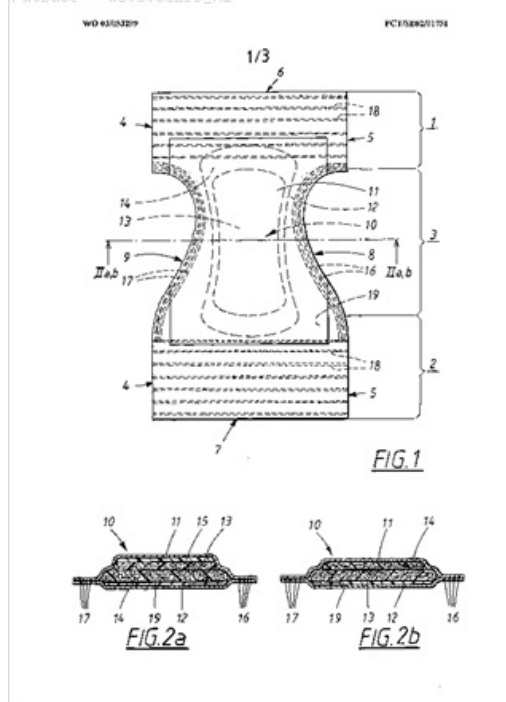
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European: A61F13/15J A61F13/496 A61F13/535 K61F13/15J8H1

JP F-Term: 3B029 3B029/BA05 3B029/BA12 3B029/BA18 3B029/BD13 3B200 3B200/AA01 3B200/BA01 3B200/BA04 3B200/BA07 3B200/BA12 3B200/BA14 3B200/BA20 3B200/BB03 3B200/BB05 3B200/BB06 3B200/BB09 3B200/BB11 3B200/BB17 3B200/BB18 3B200/BB21 3B200/CA03 3B200/CA06 3B200/CA09 3B200/DA01 3B200/DA14 3B200/DA16 3B200/DB01 3B200/DB02 3B200/DB11 3B200/DB12 3B200/DB19 3B200/DC02 3B200/DC04 3B200/DD02 3B200/EA12 4C003 4C003/AA07 4C003/AA12 4C003/AA22 4C098 4C098/AA09 4C098/CC03 4C098/CC10 4C098/CC12 4C098/CC15 4C098/CE05

JP F-Index: A41B13/02/B A41B13/02/D A41B13/02/U A61F13/18/300 A61F13/496 A61F13/53/300 A61F13/534/100 A61F13/535/200 A61F5/44/H

PatBase - W003053299_A1



Family:

Publication number	Publication date	Application number	Application date
AR036668 AA	20040922	AR2002P103729	20021002
AU2002337558 AA	20030709	AU20020337558	20020926
AU2002337558 BB	20080703	AU20020337558	20020926
BRPI0213767 A	20041019	BR2002PI13767	20020926
CA2464084 AA	20040419	CA20022464084	20020926
EP1448131 A1	20040825	EP20020773098	20020926
JP2005512679 T2	20050512	JP20030554060T	20020926
KR20040049000 A	20040610	KR20047006197	20020926
MXPA04003952 A1	20040618	MX2004PA03952	20020926
PL368651 A1	20050404	PL20020368651	20020926
RU2004116306 A	20050327	RU20040116306	20020926
RU2296547 C2	20070410	RU20040116306	20020926
SE200103628 A	20030520	SE20010003628D	20011031
SE200103628 A0	20011031	SE20010003628	20011031
SE200103628 L	20030520	SE20010003628	20011031
SE520063 C2	20030520	SE20010003628	20011031
WO03053299 A1	20030703	WO2002SE01751	20020926

Priority:

SE20010003628 20011031 WO2002SE01751 20020926

Probable Assignee: SCA HYGIENE PROD AB

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

Assignee(s): SKA KHAJDZHIN PRODAKTS AB ; ELFSTROM ANNA CARIN ; HERMANSSON KENT ; LINDMARK KARIN ; OLSSON LINDA

Inventor(s): (std): KARIN LINDMARK ; ANNA CARIN ELFSTROM ; LINDA OLSSON ; ANNA CARIN ELFSTROM ; OLSSON LINDA ; KHERMANSSON KENT ; EHL FSTREM ANNA KARIN ; OLSSON LINDA ; LINDMARK KARIN ; ELFSTROM ANNA CARIN ; HERMANSSON KENT ; ELFSTROM ANNA CARIN ; KENT HERMANSSON ; ELFSTROM ANNA KARIN

Inventor(s): EHL'FSTREM ANNA-KARIN ; OL'SSON LINDA ; ANNA KARIN ELFSTROM

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

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

27) Family number: 15273192 (US6786895B)

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Title: Disposable absorbent article having barrier means, and method of its manufacture

Abstract: A disposable absorbent article, and a method of manufacture of the disposable absorbent article, which better contains fecal material within the article, and which prevents leakage of fecal material out of the article, and/or prevents movement of fecal material from the anal region to the genital region is described herein. The absorbent article utilizes barrier cuffs, an

absorbent core, and a topsheet with at least one cut in the intermediate region of the absorbent article such that part of the intermediate region of the topsheet is lifted out of the plane of the rest of the topsheet by the barrier cuffs. The lifted portion forms a transverse barrier and a pocket between the topsheet and the absorbent core.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/494 A61F13/511 A61F5/44 A61F5/452 (Advanced/Invention); A61F5/44 (Advanced/Non-invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61F13/472 A61F13/49 A61F13/494 A61F13/511 A61F5/44 A61F5/452

CPC: A61F13/495 A61F2013/4951 A61F2013/4953

European: A61F13/495 K61F13/495A K61F13/495B

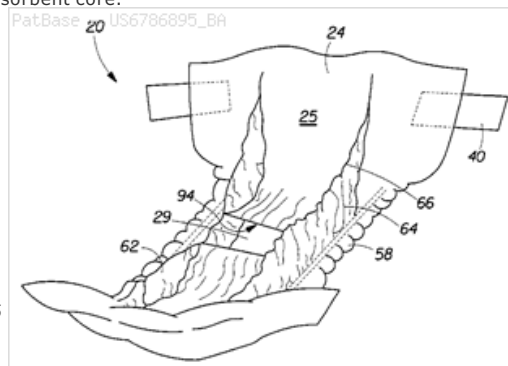
US: 604/385.101 604/385.19 604/385.28

JP F-Term: 3B029 3B029/BB03 3B029/BD14 3B200 3B200/AA01 3B200/AA11 3B200/BB11 3B200/BB16 3B200/BB20 3B200/CA02 3B200/CA09 3B200/DA02 3B200/DA14 3B200/DB27 3B200/DE01 3B200/DE06 3B200/EA07 3B200/EA21 3B200/EA23 3B200/EA24 3B200/EA27 4C003 4C003/BA01 4C003/GA03 4C003/HA04 4C003/HA05 4C003/HA06 4C098 4C098/AA09 4C098/CC05 4C098/CC12 4C098/CC15 4C098/CD01 4C098/CE07 4C098/DD02 4C098/DD03 4C098/DD05 4C098/DD06 4C098/DD12

JP F-Index: A41B13/02/E A41B13/02/K A61F13/15/351/A

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A61F13/494/300 A61F13/495 A61F13/537/200 A61F13/537/310 A61F5/44/D A61F5/452



Family:

Publication number	Publication date	Application number	Application date
AT332685 E	20060815	AT20000941716T	20000626
AU200056381 A1	20010122	AU20000056381	20000626
AU200056381 A5	20010122	AU20000056381D	20000626
CA2373809 AA	20011231	CA20002373809	20000626
DE60029346 D1	20060824	DE20006029346T	20000626
DE60029346 D1	20060824	DE20006029346	20000626
DE60029346 T2	20070802	DE20006029346T	20000626
EP1064899 A1	20010103	EP19990112653	19990702
EP1246592 A1	20021009	EP20000941716	20000626
EP1246592 B1	20060712	EP20000941716	20000626
JP2003503156 T2	20030128	JP20010507409T	20000626
JP4583686 B2	20101117	JP20010507409T	20000626
MXPA02000193 A1	20020702	MX2002PA00193	20000626
US6786895 BA	20040907	US20010019036	20011220
WO0101907 A1	20010111	WO2000US17528	20000626

Priority:

EP19990112653 19990702 EP20000941716 20000626 WO2000US17528 20000626
US20010019036 20011220

Probable Assignee: PROCTER AND GAMBLE CO

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

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s): (std): SCHMITZ CHRISTOPH JOHANN ; SCHMITZ JOHANN

Inventor(s): CHRISTOPH JOHANN SCHMITZ

Agent(s): SIM AND MCBURNEY

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 MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

28) Family number: 29169198 (US2003204178A)

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Title: DISPOSABLE ABSORBENT ARTICLE WITH UNITARY TOPSHEET AND UNITARY ABSORBENT ARTICLE

Abstract: The present invention relates to disposable absorbent articles such as sanitary napkins, panty liners, baby diapers, adult incontinence articles and sweat pads. According to the present invention the absorbent article in the region designated for liquid deposition on its wearer facing surface has a single layer topsheet onto which liquid to be absorbed is provided during use of the article. The absorbent article includes a backsheet forming the liquid barrier surface and a unitary absorbent core between the topsheet and the backsheet. Importantly the unitary core provides improved liquid handling to the absorbent article and increases the masking, i.e. ability to hide stains due to absorbed liquid, of the article. This is particularly beneficial in the context of articles for absorption of liquids with high color intensity, such as menstrual liquid or urine of older adults.

Classifications:

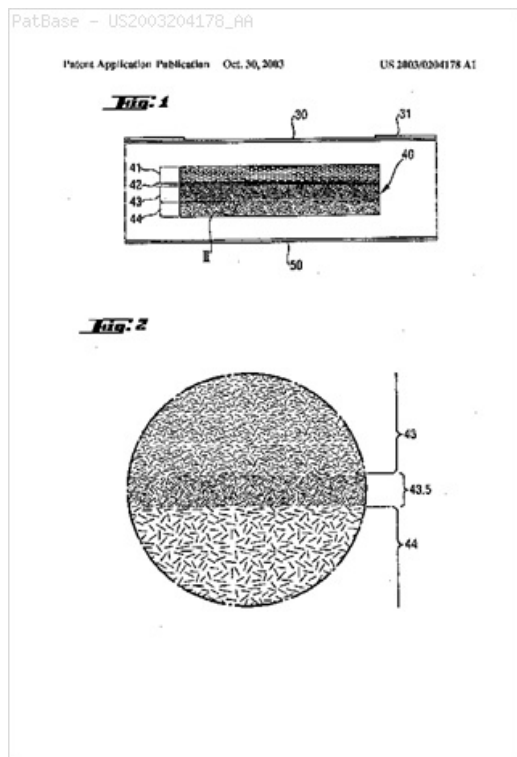
International (IPC 8-9): A61F13/00 A61F13/15 A61F13/47 A61F13/49 A61F13/53 A61F13/534 A61F13/535 A61F13/537 A61F13/539 A61F5/44 A61L15/28 (Advanced/Invention); A61F13/53 A61F13/56 A61F13/62 (Advanced/Non-invention); A61F13/00 A61F13/15 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/00 A61F13/15 A61F13/20 A61F13/49 A61F13/53 A61F13/534 A61F5/44

CPC: A61F13/539 A61F13/53752 A61F13/537 A61F13/535 A61L15/28 A61F2013/53721 A61F13/53708 A61F2013/530007 A61F2013/530036 A61F2013/530547 A61F13/53 A61F13/49 A61F13/47 A61F2013/530233 A61F2013/53024 A61F2013/530386 A61F2013/530481 A61F2013/53908 A61F2013/5395 A61F2013/53991 A61F13/5611 A61F13/622 A61F13/534 A61F13/53713

European: A61F13/534 A61F13/537B A61F13/539

US: 1/1 604/358 604/365 604/365S 604/367 604/367P 604/370 604/373 604/374 604/378
JP F-Term: 3B029 3B029/BA05 3B029/BA12 3B029/BA14 3B029/BA17 3B200 3B200/AA01 3B200/AA03 3B200/BA15 3B200/BB01 3B200/BB03 3B200/BB04 3B200/BB05 3B200/BB16 3B200/DB02 3B200/DB12 3B200/EA01 3B200/EA24 4C003 4C003/AA07 4C003/AA12 4C003/AA16 4C003/AA22 4C079 4C098 4C098/AA09 4C098/CC01 4C098/CC03 4C098/CC18 4C098/CE06 4C098/DD03 4C098/DD05 4C098/DD06 4C098/DD10 4C098/DD21 4C098/DD25 4C098/DD26 4C098/DD28
JP F-Index: A41B13/02/B A61F13/00/351/F A61F13/18/302 A61F13/18/303 A61F13/18/307/F A61F13/53/300 A61F13/532/100 A61F5/44/H



Family:

Publication number	Publication date	Application number	Application date
AT348585 E	20070115	AT20020009095T	20020424
AU2003231109 AA	20031110	AU20030231109	20030424
CN100376223 C	20080326	CN20038009285	20030424
CN1649554 A	20050803	CN20038009285	20030424
DE60216892 D1	20070201	DE20026016892	20020424
DE60216892 D1	20070201	DE20026016892T	20020424
DE60216892 T2	20070830	DE20026016892T	20020424
EP1356797 A1	20031029	EP20020009095	20020424
EP1356797 B1	20061220	EP20020009095	20020424
IN02726DN2004 A	20091030	IN2004DN02726	20040915
IN03728DN2005 A	20070810	IN2005DN03728	20050823
IN04546DN2005 A	20090911	IN2005DN04546	20051006
IN257067 B	20130906	IN2005DN03728	20050823
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MXPA04010043 A1	20041213	MX2004PA10043	20030424
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US2014358103 AA	20141204	US20140462603	20140819
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WO03090656 A1	20031106	WO2003US12884	20030424

Priority:

EP20020009095	20020424	US20030412846	20030410	WO2003US12884	20030424
WO2003US12884	20031024	US20130893986	20130514	US20140462603	20140819
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): FEBO PIETRO ; MARINELLI LUIGI ; PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO

Assignee(s): THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std): LUIGI MARINELLI ; PIETRO FEBO ; MARINELLI LUIGI ; FEBO PIETRO

Agent(s): ANDRES E; GARY J; RODDY; ANDREW J; VELARDE ANDRES E

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

Title: ASHESIVE TRANSFER LAYER FOR USE IN A BODY ADHERING ABSORBENT ARTICLE

Abstract: Generally, the present disclosure relates to an adhesive transfer layer that may be incorporated in a body adhering absorbent article. Various adhesive transfer layers and methods of constructing the same are described. For example, in one embodiment the adhesive transfer layer (ATL) may comprise a construction adhesive, a body attachment adhesive, a carrier and a peel strip.

Classifications:

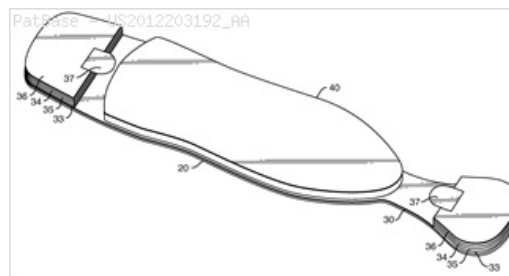
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C09J5/02 (Advanced/Invention)

CPC: Y10T156/1015 A61F13/5605 B32B37/1207 B32B38/06 B32B2310/0831 B32B2555/02

European: A61F13/56B B32B37/12B L32B310/08B4 L32B38/06 L32B555/02

US: 156/204 156/204S 156/275.5 156/275.500S 156/277 156/277S 156/324.4 156/324.400S 604/385.05 604/385.050P



Family:

Publication number	Publication date	Application number	Application date
AU2012215115 AA	20120816	AU20120215115	20120126
AU2012215115 BB	20160721	AU20120215115	20120126
CN103476377 A	20131225	CN201280016430	20120126
GB201314794 A0	20131002	GB20130014794	20120126
GB2501447 A1	20131023	GB20130014794	20120126
KR20140047025 A	20140421	KR20137023419	20120126
MX2013009106 A1	20140321	MX20130009106	20120126
RU2013140660 A	20150320	RU20130140660	20120126
RU2601272 C2	20161027	RU20130140660	20120126
US2012203192 AA	20120809	US20110022697	20110208
WO12107851 A2	20120816	WO20121B50369	20120126
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Priority:

US20110022697 20110208 WO20121B50369 20120126

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): BUSH PERRY ALLEN ; DENNIS MELISSA JEAN ; ENZ DAVID JOHN ; HAHN JOHN TIMOTHY ; KIMBERLY CLARK CO ; SCHMIDT DONALD JAMES ; WILKES TODD WILLIAM

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

Inventor(s): (std): HAHN JOHN TIMOTHY ; SCHMIDT DONALD JAMES ; DENNIS MELISSA JEAN ; ENZ DAVID JOHN ; WILKES TODD WILLIAM ; BUSH PERRY ALLEN ; ENZ DEVID DZHON ; BUSH PERRI ALLEN ; SHMIDT DONALD DZHEJMS ; KHAN DZHON TIMOTI ; UILKS TODD UILYAM ; DENNIS MELISSA DZHIN

Inventor(s): JOHN TIMOTHY HAHN ; DONALD JAMES SCHMIDT ; DAVID JOHN ENZ ; MELISSA JEAN DENNIS ; PERRY ALLEN BUSH ; TODD WILLIAM WILKES

Agent(s): SPRUSON AND FERGUSON; SULLIVAN MICHAEL 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 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: GRAFTED CYCLODEXTRIN

Abstract: Thermoplastic polymer compositions, films, continues, closures, laminates can comprise a modified vinyl polymer said modified polymer having a moiety comprising a cyclodextrin compound. The cyclodextrin compound, locked into the polymer structure, can absorb impurities, permeants, or other undesirable volatile materials. The cooperation between the cyclodextrin grafted onto the thermoplastic polymer and the polymer structure can provide barrier properties to a film, web or other polymer structure. A permeant or a contaminant can be complexed or trapped within the polymer and held within the film or Web preventing the permeant or contaminant from passing into the interior of a container or enclosure.

Classifications:

International (IPC 8-9): B28B3/20 B29B9/12 B32B1/08 B32B27/10 B32B27/32 B65D39/18 B65D53/06 B65D65/02 B65D65/38 B65D75/28 C08B C08B31/00 C08B37/00 C08B37/16 C08F C08F16/06 C08F267/04 C08F299/00 C08G61/00 C08G63/91 C08J C08J3/20 C08J5/00 C08J5/18 C08K5/20 C08L C08L23/00 C08L23/02 C08L23/04 C08L23/06 C08L23/16 C08L23/26 C08L29/00 C08L5/16 C08L51/00 C08L67/02 C32B28/08 D02G3/02 F16L11/04 (Advanced/Invention);

B29K23/00 C08B37/16 C08L51/06 (Advanced/Non-invention); B32B27/32 C08B37/00 C08L29/00 (Core/Invention);

C08L (Subclass/Invention);

C08B C08F C08J (Subclass/Non-invention)

International (IPC 1-7): B29B9/12 B29K23/00 B65D1/00 B65D65/38 B65D75/28 C08B37/16 C08F299/00 C08J3/20 C08J5/00 C08J5/18 C08K5/20 C08L23/02 C08L23/04 C08L23/26 C08L51/00

C08L51/02 C08L67/02

CPC: B32B5/02 B32B15/08 B32B15/085 B32B27/08 B32B27/10
B32B27/12 B32B27/302 B32B2262/0253 B32B2262/12 B32B2307/31
B32B2439/40 B32B2439/70 B32B2555/02 Y10T428/13 Y10T428/1352
Y10T428/1397 Y10T428/269 Y10T428/2878 C08F8/14 C08F8/46
C08G81/02 C08G81/024 C08L87/005 Y10T428/1393 Y10T428/2929
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C08L51/16 C08L23/04 C08L51/06 Y10T428/24998 Y10T428/31895
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Y10T428/249926 C08B37/0012

European: B32B27/02 B32B27/28 B32B27/32 C08B37/00M2B C08F8/14
C08F8/46 C08G81/02 C08G81/02F C08L23/04 M08L51/16 M08L51/06
M08L87/00B

US: 106/287.29 106/287.290S 264/176.1 264/176.100S 427/385.5
427/385.500S 428/220 428/220P 428/220S 428/292.7 428/315.9 428/339
428/34.1 428/35.7 428/35.700S 428/355EN 428/36.91 428/36.910P
428/36.92 428/373 428/373S 428/401 428/401S 428/511 428/511S
428/513 428/606 428/606P 428/77 428/77S 442/334 442/334S 442/351
442/351S 442/401 442/401S 524/210 524/48 525/178 525/185 525/186
525/187 525/190 525/207 525/231 525/231S 525/240 525/240S 525/264
525/285 525/326.1 525/327.4 525/329.5 525/451 525/54.2 525/54.200P
525/54.200S 525/54.21 525/54.23 525/54.24 525/54.240S 525/54.26

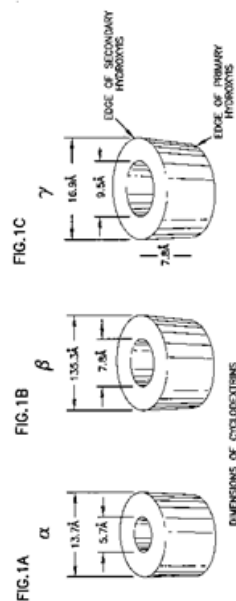
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JP F-Term: 3E086 3E086/AB01 3E086/AB02 3E086/AD04 3E086/AD05
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JP F-Index: B29B9/12 B29K23:00 B65D65/38 C08L23/02 C08L23/26
B65D65/02/E C08K5/20 C08L23/00

JP Facet: BRH

PatBase - US2004110901_AA

Patent Application Publication Jun. 10, 2004 Sheet 1 of 7 US 2004/0110901 A1



Family:

Publication number	Publication date	Application number	Application date
CA2452293 AA	20040610	CA20032452293	20031205
CA2452293 C	20130409	CA20032452293	20031205
CA2531311 AA	20060627	CA20052531311	20051221
CA2531311 C	20121211	CA20052531311	20051221
CN1314746 C	20070509	CN200310124963	20031210
CN1609138 A	20050427	CN200310124963	20031210
EP1674522 A1	20060628	EP20050108685	20050921
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HK1075059 A1	20051202	HK20050107300	20050822
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HK1088348 A3	20061103	HK20060110497	20060921
JP2004197084 A2	20040715	JP20030397846	20031127
JP2006183033 A2	20060713	JP20050316721	20051031
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KR101120203 B1	20120323	KR20030089771	20031210
KR20040050886 A	20040617	KR20030089771	20031210
MX347751 B	20170511	MX20080011193	20051208
MXPA03011425 A1	20050603	MX2003PA11425	20031210
MXPA05013342 A1	20060626	MX2005PA13342	20051208
NO20035472 A0	20031209	NO20030005472	20031209
US2004110901 AA	20040610	US20030672297	20030925
US2005131119 AA	20050616	US20040023288	20041227
US2006182917 AA	20060817	US20060403457	20060413
US2006183856 AA	20060817	US20060403446	20060413
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US7385004 BB	20080610	US20040023288	20041227
US7605199 BB	20091020	US20060429579	20060505
US7795333 BB	20100914	US20060403480	20060413
US8129450 BB	20120306	US20070761105	20070611
US8334343 BB	20121218	US20070761017	20070611
US8501308 BB	20130806	US20060403457	20060413

Priority:

US20020432523P	20021210	US20030672297	20030925	CA20032452293	20031205
US20040023288	20041227	CA20052531311	20051221	US20060403446	20060413
US20060403457	20060413	US20060403480	20060413	US20060429579	20060505

US20070761105 20070611 US20070761017 20070611
Probable Assignee: CELLRESIN TECHNOLOGIES LLC

Assignee(s): (std): BEAVERSON NEIL J ; BOHRER TIMOTHY H ; CELLRESIN TECH LLC ; CELLRESIN TECHNOLOGIES LLC ; KELLENBERGER STANLEY R ; WOOD WILLARD E ; SEETHAMRAJU KASYAP V

Assignee(s): CELLRESIN TECHNOLOGIES LLC 1789 BUREKLE CIRCLE ST PAUL MINNESOTA

Inventor(s): (std): WOOD WILLARD E ; BEAVERSON NEIL J ; SEETHAMRAJU KASYAP V ; KASYAP V SEETHARMRAJU ; WILLARD E WOOD ; BOHRER TIMOTHY H ; KELLENBERGER STANLEY R ; WOOD WILLARD E BEAVERSON NEIL

Inventor(s): BEAVERSON NEIL ; WOOD WILLARD ; SEETHAMRAJU KASYAP ; KASYAP V SEETHAMRAJU ; NEIL J BEAVERSON ; BOHRER TIMOTHY ; KELLENBERGER STANLEY

Agent(s): GOUDREAU GAGE DUBUC ; LAVERY DE BILLY LLP; CLT PATENT AND TRADEMARK HK LTD UNIT 10 34 F OFFICE TOWER CONVENTION; CLT PATENT AND TRADEMARK HK LTD; VIVIEN CHAN AND CO; MERCHANT AND GOULD PC; ATTENTION OF MARK DIPIETRO MERCHANT AND GOULD PC; ATTN LORI P SARAGENO MERCHANT AND GOULD PC; PAULY DEVRIES SMITH AND DEFFNER LLC

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

31) Family number: 43471206 (US2010274208A)

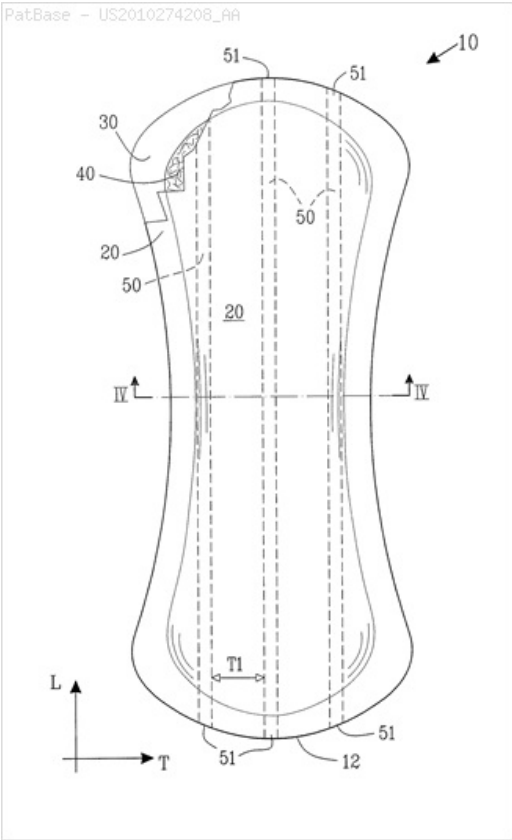
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Title: ABSORBENT ARTICLE WITH VENTILATED TOPSHEET

Abstract: An absorbent article, such as a diaper, sanitary napkin, incontinence guard or panty liner, including a fluid-permeable nonwoven topsheet located on the wearer-facing side thereof. The nonwoven topsheet includes a plurality of channels arranged side-by-side. The channels are located within the nonwoven topsheet, whereby gas is allowed to pass into, out of and along the channels, thus providing ventilation of the absorbent article.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/511 (Advanced/Invention);
A61F13/15 (Core/Invention)
CPC: A61F13/51108
European: A61F13/511A1
US: 604/367 604/367P 604/378 604/378S 604/379 604/380 604/383 604/385.01



Family:

Publication number	Publication date	Application number	Application date
BRPI0722308 A2	20140422	BR2007PI22308	20071221
CN101903001 A	20101201	CN200780101987	20071221
EP2222264 A1	20100901	EP20070861168	20071221
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RU2445056 C1	20120320	RU20100130497	20071221
US2010274208 AA	20101028	US20070747207	20071221
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WO09082309 A1	20090702	WO2007SE51073	20071221

Priority:

RU20100130497 20071221 WO2007SE51073 20071221

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): GABRIELII INGE ; NIHLSTRAND ANNA ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB

Inventor(s): (std): NIHLSTRAND ANNA ; GABRIELII INGE ; INGE GABRIELII ; ANNA NIHLSTRAND ; GABRIELLI INGE ;

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

32) Family number: 30380207 (WO04021944A1)

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Title: SENSORING ABSORBING ARTICLE

Abstract: A disposable sensing absorbent structure for detecting wetness is provided, comprising at least one absorbent layer and at least one sensing device comprising a magnetoelastic film. Such an absorbent structure enables means and methods for monitoring the status, e.g. wetness at least one biological and/or at least one chemical analyte, in an absorbent article. A change in status, such as wetness, may reflect an event, such as urination or a faeces event. Also included are methods for detecting wetness at least one biological and/or at least one chemical analyte, using the sensing absorbent structure according to the invention.

Classifications:

International (IPC 8-9): A61B5/00 A61F13/42 A61F13/49 G01N27/72

G01N29/00 G01N29/24 (Advanced/Invention);

G01N19/10 G01N27/00 (Advanced/Non-invention);

A61B5/00 A61F13/15 A61F13/42 G01N27/72 G01N29/00

G01N29/24 (Core/Invention);

G01N19/00 G01N27/00 (Core/Non-invention)

International (IPC 1-7): A61F13/15 A61F13/42 A61F13/49 G01N27/72

G01N29/00

CPC: A61B5/145 A61B5/14532 A61B5/14546 A61B5/411 A61B2562/02

A61F13/42 B82Y15/00 B82Y30/00 G01N19/10 G01N29/2412

G01N2291/02466 G01N2291/0255 G01N2291/02845

European: A61B5/145 A61B5/145P A61B5/41B A61F13/42 B82Y15/00

B82Y30/00 G01N29/24B K61B5/145G K61B562/02 L82T201/01

S01N19/10 S01N291/024K S01N291/025F S01N291/028H

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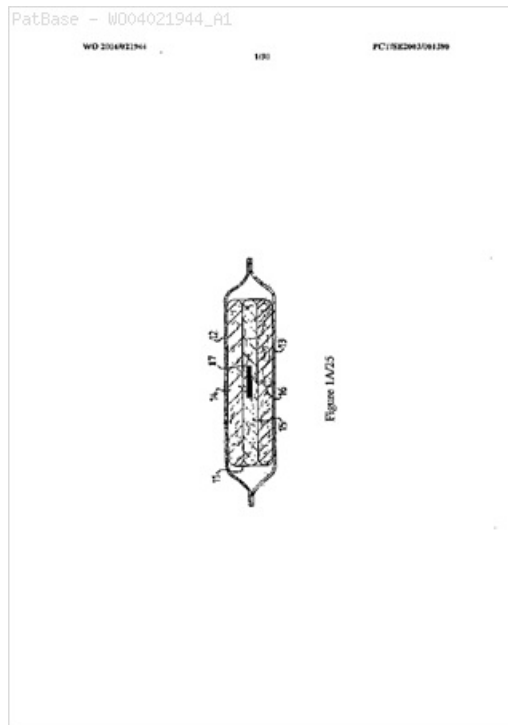
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Family:

Publication number	Publication date	Application number	Application date
AU2003256214 AA	20040329	AU20030256214	20030905
EP1539072 A1	20050615	EP20030794401	20030905
JP2005537852 T2	20051215	JP20040533945T	20030905
MXPA05001260 A1	20050428	MX2005PA01260	20030905
PL374783 A1	20051031	PL20030374783	20030905
SE200202630 A	20040307	SE20020002630	20020906
SE200202630 A0	20020906	SE20020002630	20020906
WO04021944 A1	20040318	WO2003SE01380	20030905

Priority:

SE20020002630 20020906 WO2003SE01380 20030905

Probable Assignee: SCA HYGIENE PROD AB

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

Inventor(s): (std): GUSTAFSON INGRID ; BERLAND CAROLYN

Inventor(s): INGRID GUSTAFSON ; CAROLYN BERLAND

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH 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 GT GW HN 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

33) Family number: 50790219 (IN01433CH2011A)

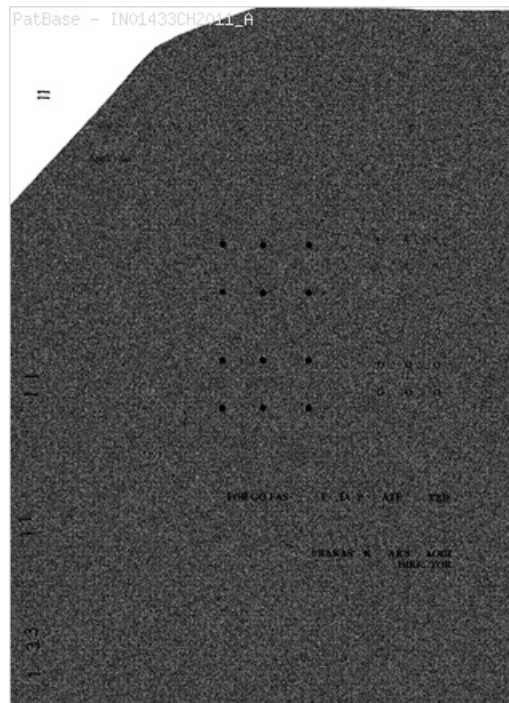
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Title: WASHABLE, DISPOSABLE, STERILIZED MULTILAYER FABRIC AND NON WOVEN NAPPY

Abstract: The present invention relates to a field of sanitary nappies, diapers and the like, and in particular to those for newborn infants. Moreover, this invention also relates to a knitted and nonwoven nappy in which Cotton (knitted) 140gsm - polyester (nonwoven) - four viscose (knitted) fabrics of 160gsm each - Polypropylene (nonwoven) 30gsm - cotton (knitted) 180 gsm. More particularly, the present invention relates to an absorbent articles for hygiene purposes with a multilayer material. Further this invention which relates to an absorbent body for an absorbent article, such as a diaper, an incontinence guard comprising a sheet or layer of absorbent material. This invention also relates to regular changing of the infants nappy of the present invention in accordance with conventional sanitary care of an infant, will aid in the hygienic treatment and early removal of the nappy, whilst mitigating biological infection of the umbilicus.

Classifications:

International (IPC 8-9): A61F (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
IN01433CH2011 A	20120316	IN2011CH01433	20110425

Probable Assignee: GO FASHION INDIA PRIVATE LTD
Assignee(s): GO FASHION INDIA PRIVATE LTD
Inventor(s): PRAKASH KUMAR SARAOGI

34) Family number: 32541222 (US2006009744A)

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Title: DECORATIVE COMPONENT FOR AN ABSORBENT ARTICLE

Abstract: Decorative components of various sizes and uses for assembly into absorbent articles are manufactured using a decorative component material. The absorbent articles have a variety of decorative appearances. A method for producing absorbent articles from the decorative component material, as well as a method for preparing a package of absorbent articles having varied outer covers, is also disclosed.

Classifications:

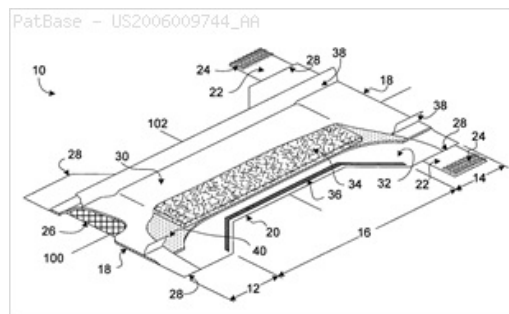
International (IPC 8-9): A61F13/15 A61F13/20 (Advanced/Invention);

A61F13/00 A61F13/15 (Core/Invention)

CPC: A61F13/514 A61F13/551 A61F13/84 A61F2013/8497

European: A61F13/514 A61F13/551 A61F13/84 K61F13/84G

US: 604/385.01 604/385.010P



Family:

Publication number	Publication date	Application number	Application date
CA2572781 AA	20070104	CA20052572781	20050711
EP1773268 A2	20070418	EP20050769207	20050711
MX2007000213 A1	20070814	MX20070000213	20050711
US2006009744 AA	20060112	US20040886712	20040709
WO06010115 A2	20060126	WO2005US24522	20050711

Priority:

US20040886712 20040709 WO2005US24522 20050711

Probable Assignee: PARAGON TRADE BRANDS INC**Assignee(s):** (std): ERDMAN CAROL L ; ERDMAN EDWARD P ; PARAGON TRADE BRANDS INC**Assignee(s):** PARAGON TRADE BRANDS LLC ; JP MORGAN CHASE BANK NA**Inventor(s):** (std): ERDMAN CAROL L ; ERDMAN EDWARD P**Inventor(s):** CAROL L ERDMAN ; EDWARD P ERDMAN ; ERDMAN CAROL ; ERDMAN EDWARD**Agent(s):** RIDOUT AND MAYBEE LLP; CHRISTOPHER C CAMPBELL ESQ HUNTON AND WILLIAMS**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**35) Family number: 30064232 (US2003225384A)**

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Title: ABSORBENT ARTICLE HAVING A MULTI-LAYER ABSORBENT STRUCTURE

Abstract: A disposable absorbent article having a longitudinal direction and a lateral direction perpendicular to the longitudinal direction. The article includes an operative, liquid impermeable backsheet, an operative, liquid permeable top sheet connected to the backsheet, and a multi-layer absorbent body positioned between the topsheet and the backsheet. The absorbent body further includes an airlaid, stabilized, first absorbent layer having a first absorbent surface having a first absorbent area, and containing a quantity of absorbent fibers, a quantity of superabsorbent material and a quantity of thermally activated binder material. The absorbent body further includes a second absorbent layer located adjacent the first absorbent layer, the second absorbent layer having a second absorbent surface having a second absorbent area, and containing a quantity of absorbent fibers and a quantity of superabsorbent material, where the first absorbent area is less than the second absorbent area.

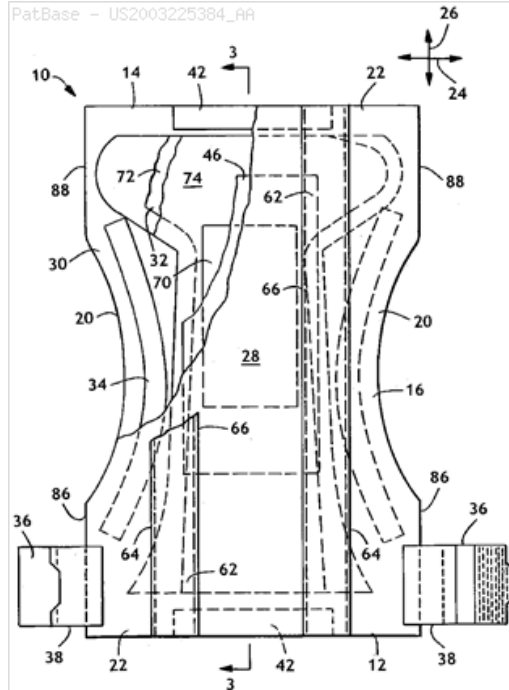
Classifications:**International (ipc 8-9):** A61F13/15 A61F13/49 A61F13/53 A61F13/534 A61F5/44 (Advanced/Invention);

A61F13/15 A61F5/44 (Core/Invention)

International (ipc 1-7): A61F13/15 A61F13/20 A61F13/49 A61F13/53 A61F13/534 A61F5/44**CPC:** A61F13/535 A61F2013/530364**European:** A61F13/535 K61F13/53M7C**US:** 604/367 604/367P

JP F-Term: 3B029 3B029/BA01 3B029/BA12 3B029/BA14 3B029/BA17 3B200 3B200/AA01 3B200/BA14 3B200/BB01 3B200/BB04 3B200/BB05 3B200/BB17 3B200/BB20 3B200/CA01 3B200/DB02 3B200/DB05 3B200/DB12 3B200/DB19 3B200/EA23 4C003 4C003/AA06 4C003/AA12 4C003/AA16 4C003/AA23 4C098 4C098/AA09 4C098/CC02 4C098/CC14 4C098/CE06 4C098/CE07 4C098/DD03 4C098/DD05 4C098/DD06 4C098/DD27 4C098/DD30

JP F-Index: A41B13/02/B A41B13/02/G A41B13/02/R A61F13/18/302 A61F13/18/303 A61F13/53/200 A61F13/53/300 A61F13/534/100 A61F13/535/200 A61F13/539 A61F5/44/H

**Family:**

Publication number	Publication date	Application number	Application date
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AU2003230351 BB	20071108	AU20030230351	20030506
AU2003230351 BH	20071122	AU20030230351	20030506
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KR20050004842 A	20050112	KR20047017944	20030506
MXPA04011092 A1	20050214	MX2004PA11092	20030506
PL374440 A1	20051017	PL20030374440	20030506
TH61905 A	20040504	TH20031001758	20030513
US2003225384 AA	20031204	US20030379210	20030303
WO03099186 A1	20031204	WO2003US14464	20030506

Priority:

US20020383241P 20020523 US20030379210 20030303 WO2003US14464 20030506

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

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC
Inventor(s): (std): ZENKER DAVID L ; VENTURINO MICHAEL B ; MELIUS SHANNON K ; MCDOWALL DEBRA JEAN ; SCHLEINZ ALAN F ; FELL DAVID A ; PAVELETZKE JULIE A ; BEITZ MARK J ; MARK J BEITZ ; MCDOWAL DEBRA JEAN
Inventor(s): DEBRA JEAN MCDOWAL ; DAVID L ZENKER ; MICHAEL B VENTURINO ; SHANNON K MELIUS ; DEBRA JEAN MCDOWALL ; ALAN F SCHLEINZ ; DAVID A FELL ; JULIE A PAVELETZKE
Agent(s): SPRUSON AND FERGUSON
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

36) Family number: 29225250 (US2003208173A)

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Title: ABSORBENT ARTICLE CONTAINING A SKIN CONDITIONING AGENT

Abstract: The focus of the invention is an absorbent article such as a diaper, pant diaper, adult incontinence guard, sanitary napkin and the like containing a skin conditioning agent in at least a portion of the article so as to be transferable to the skin of the wearer. The skin conditioning agent is contained in a hydrogel foam material (9; 19; 20) intended to be applied in skin contact with the wearer, either directly or indirectly via a liquid permeable material (2).

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/472 A61F13/49 A61F13/494 A61F13/496 A61F13/53 A61F13/537 A61F13/56 A61F13/84 A61F5/44 A61L11/00 A61L15/42 (Advanced/Invention); A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61F13/472 A61F13/49 A61F13/494 A61F13/496 A61F13/53 A61F13/537 A61F13/56 A61F13/84 A61F5/44

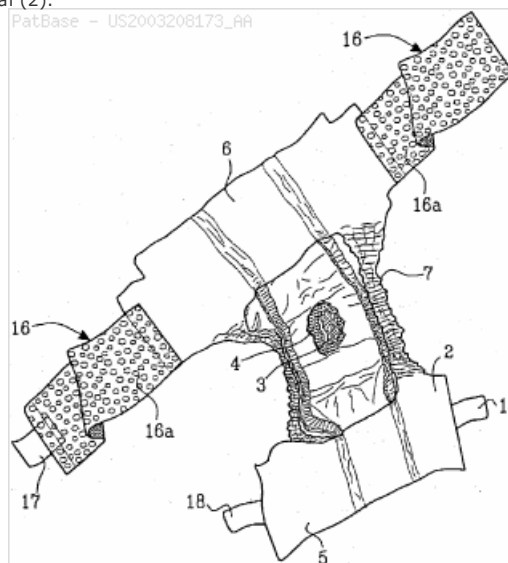
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European: A61F13/494A1A A61F13/49D2H A61F13/511 A61F13/537 A61F13/84B K61F13/511C1

US: 424/76.5 602/48 602/49 602/50 602/51 604/359 604/360 604/364 604/364S 604/367 604/367P 604/368 604/368S 604/369 604/369S 604/392 604/392S

JP F-Term: 3B029 3B029/BA11 3B029/BD01 3B029/BD12 3B029/BD22 3B200 3B200/AA01 3B200/AA03 3B200/BA01 3B200/BA03 3B200/BA05 3B200/BB11 3B200/BB18 3B200/BB21 3B200/BB24 3B200/CA02 3B200/CA03 3B200/CA07 3B200/CA08 3B200/CA11 3B200/CA15 3B200/DA02 3B200/DA14 3B200/DB01 3B200/DB02 3B200/DB12 3B200/DB20 3B200/DB27 3B200/DC01 3B200/DC07 3B200/DC09 3B200/DD01 4C003 4C003/AA11 4C003/HA00 4C098 4C098/AA09 4C098/CC08 4C098/CC10 4C098/CC12 4C098/CC14 4C098/DD01 4C098/DD02 4C098/DD03 4C098/DD05 4C098/DD06 4C098/DD10 4C098/DD12 4C098/DD14 4C098/DD16 4C098/DD21 4C098/DD23 4C098/DD25 4C098/DD29

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Family:

Publication number	Publication date	Application number	Application date
AT369108 E	20070815	AT20020009936T	20020503
AU2003233041 AA	20031117	AU20030233041	20030422
AU2003233041 BB	20080410	AU20030233041	20030422
BRPI0309680 A	20050301	BR2003PI09680	20030422
BRPI0309680 B1	20130305	BR2003PI09680	20030422
CL2003000879 A1	20040206	CL2003000879	20030502
CN1649555 A	20050803	CN20038010063	20030422
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EP1358863 B1	20070808	EP20020009936	20020503
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KR20040105253 A	20041214	KR20047017729	20030422
MXPA04010295 A1	20050203	MX2004PA10295	20030422
PL373227 A1	20050822	PL20030373227	20030422
RU2004135320 A	20050527	RU20040135320	20030422
RU2314081 C2	20080110	RU20040135320	20030422
TH63582 A	20040827	TH20031001639	20030430
US2003208173 AA	20031106	US20030427980	20030502
US8283515 BB	20121009	US20030427980	20030502
WO03092568 A1	20031113	WO2003EP04170	20030422

Priority:

EP20020009936 20020503 US20020377213P 20020503 WO2003EP04170 20030422
US20030427980 20030502

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): FARBROT ANNE ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; RUNEMAN BO ; LAGERSTEDT EIDRUP MARIE LOUISE

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

Inventor(s): (std): LAGERSTEDT EIDRUP MARIE LOUISE ; FARBROT ANNE ; RUNEMAN BO ; MARIE LOUISE LAGERSTEDT EIDRUP ; ANNE FARBROT ; BO RUNEMAN ; FARBROT ANN ; LAGERSTEDT EHIDRUP MARI LUIZ

Inventor(s): LAGERSTEDT-EHIDRUP MARI-LUIZ ; LAGERSTEDT EIDRUP MARIE FARBROT ANNE ; LAGERSTEDT EIDRUP MARIE

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; HARNECKER; BUCHANAN INGERSOLL AND ROONEY PC

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

37) Family number: 31492253 (US2003216704A)

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Title: FLUSHABLE ABSORBENT ARTICLE AND METHOD

Abstract: A toilet flushable diaper for use by infants and incontinent adults. The diaper has a liquid impervious back sheet comprised of a soluble film center layer covered on both sides with flocking or nonwoven material. An absorbent member is carried on the inner surface of the back sheet comprises a liquid pervious cover which encapsulates an inner body for absorbing urine and other body fluids. The diaper is formed with a weakened tear sheet which enables manual tearing of it into several pieces, allowing the pieces to dissolve when absorbing water as they are flushed down a toilet.

Classifications:

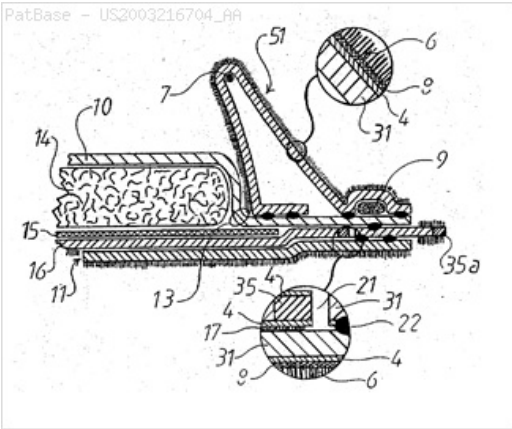
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International (IPC 1-7): A61F13/15 A61F13/20 A61F13/505

CPC: A61F2013/15219 A61F13/5148 A61F13/15211 A61F13/4942 A61F13/51405 A61F13/51484

European: A61F13/15J2 A61F13/494A1A A61F13/514A2 A61F13/514C2A A61F13/514C3

US: 604/364 604/364P 604/383 604/383S 604/385.11 604/385.13



Family:

Publication number	Publication date	Application number	Application date
AU2003304365 AA	20050214	AU20030304365	20030730
EP1653902 A1	20060510	EP20030741709	20030730
US2003216704 AA	20031120	US20020128645	20020422
US6929628 BB	20050816	US20020128645	20020422
WO05009314 A1	20050203	WO2003NZ00165	20030730

Priority:

US20020128645 20020422 WO2003NZ00165 20030730

Probable Assignee: GEORGE FREDERICK W

Assignee(s): (std): GEORGE FREDERICK W ; GEORGE FREDERICK WALTER

Inventor(s): (std): FREDERICK WALTER GEORGE ; GEORGE FREDERICK W ; GEORGE FREDERICK WALTER

Agent(s): GRIFFITH HACK; BACKUS RICHARD E; RICHARD E

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

38) Family number: 32431262 (US2008262458A)

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Title: ABSORBENT ARTICLE WITH WIPING FUNCTION

Abstract: An absorbent article (101; 201), such as a baby diaper (101) or an incontinence guard (201), in which the rear part of the absorbent article's liquid-permeable cover sheet (102; 202) oriented towards the body includes a receiving area (135; 235) for faeces. The article further includes a wiping area (131; 231) arranged outside the receiving area (135; 235), said wiping area (131; 231) being characterized in that it includes a separate material section (132; 232) including a wiping material (136; 236) intended for wiping faeces from a user dirtied with faeces.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/494 A61F13/495 A61F13/496 A61F13/511 A61F13/514 A61F13/53 A61F13/551 A61F5/44 A61L15/42 (Advanced/Invention);

A61F13/15 A61F5/44 A61L15/16 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/495 A61L15/42

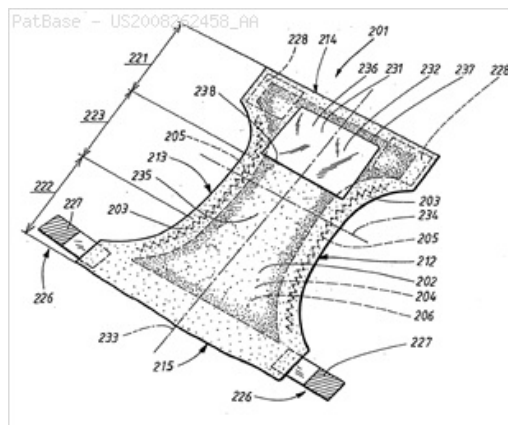
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European: A61F13/495 A61F13/84

US: 604/374 604/374P 604/378 604/378S

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JP F-Index: A41B13/02/E A41B13/02/F A41B13/02/K A41B13/02/M A41B13/02/U A41B13/02/Z A61F13/495 A61F13/84 A61F5/44/H



Family:

Publication number	Publication date	Application number	Application date
AU2004319750 AA	20051124	AU20040319750	20040513
BRPI0418832 A	20071113	BR2004PI18832	20040513
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CN1953724 B	20101222	CN200480043020	20040513
EP1768631 A1	20070404	EP20040732868	20040513
JP2007536984 T2	20071220	JP20070513096T	20040513
MXPA06012227 A1	20070131	MX2006PA12227	20040513
RU2006139937 A	20080527	RU20060139937	20040513
RU2343893 C2	20090120	RU20060139937	20040513
US2008262458 AA	20081023	US20040596457	20040513
WO05110317 A1	20051124	WO2004SE00734	20040513

Priority:

RU20060139937 20040513 WO2004SE00734 20040513

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

Assignee(s): SKA KHAJDZHIN PRODAKTS AB

Inventor(s): (std): PONTUS WINQVIST ; VINKVIST PONTUS ; WINQVIST PONTUS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; BUCHANAN INGERSOLL AND ROONEY PC

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

39) Family number: 30953263 (US2004181199A)

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Title: ABSORBENT ARTICLE WITH IMPROVED SURFACE MATERIAL

Abstract: An absorbent article comprises an absorbent body, a liquid-permeable covering layer arranged over a first surface on the absorbent body, and a liquid-permeable liquid-transfer layer arranged between the absorbent body and the liquid-permeable covering layer. The liquid-permeable covering layer comprises a nonwoven material with a pore volume distribution curve with a maximum at a pore radius greater than or equal to 50 μm and with a wetting angle of at least 120 degrees. The liquid-transfer layer comprises a fibrous layer with a pore volume distribution curve with a maximum at a pore radius of from 105 to 325 μm .

Classifications:

International (IPC 8-9): A61F13/15 A61F13/20 (Advanced/Invention); A61F13/15 A61F13/20 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20

CPC: A61F13/513 A61F13/512 A61F13/5376 A61F2013/15447 A61F2013/15495

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US: 604/378 604/385.01 604/385.010P

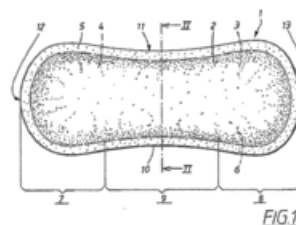


FIG. 1



FIG. 2



FIG. 3

Family:

Publication number	Publication date	Application number	Application date
US2004181199 AA	20040916	US20040788446	20040301
US7763770 BB	20100727	US20040788446	20040301

Priority:

US20030454343P 20030314 US20040788446 20040301

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; STORM ANNA KARIN ; BAGGER SJOBACK ANNA ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; MOBERG ALEHAMMAR BARBRO ; NIHLSTRAND ANNA**Inventor(s):** (std): MOBERG ALEHAMMAR BARBRO ; NIHLSTRAND ANNA ; STORM ANNA KARIN ; BAGGER SJOBACK ANNA ; BAGGER SJOEBAECK ANNA**Agent(s):** BUCHANAN INGERSOLL AND ROONEY PC**40) Family number: 8479269 (US5820615A)**

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Title: COMPOSITE NONWOVEN MATERIAL, PROCESS OF MANUFACTURE AND ITS APPLICATION TO ANY ABSORBENT ARTICLE OF HYGIENE

Abstract: PCT No. PCT/FR94/00607 Sec. 371 Date Nov. 22, 1995 Sec. 102(e) Date Nov. 22, 1995 PCT Filed May 24, 1994 PCT Pub. No. WO94/28222 PCT Pub. Date Dec. 8, 1994 Composite non-woven material through which liquid can pass at a high speed and having an excellent resistance to rewetting and fluffing. The material comprises at least one first layer (2) of combed-type fibres and a second layer (3) of combed-type fibres, the fibres of the first layer having a denier greater than that of the fibres of the second layer, the layers being joined to one another by needling. Application to absorbent sanitary articles.

Classifications:**International (IPC 8-9):** A61F13/15 A61F13/49 A61F13/511 A61F13/538

A61F13/539 A61F5/44 D04H1/435 D04H1/46 D04H1/48 D04H1/485

D04H1/488 D04H1/498 D04H1/52 D04H1/559 D04H1/593

D04H13/00 (Advanced/Invention);

A61F13/15 A61F5/44 D04H1/46 (Advanced/Non-invention);

A61F13/15 A61F5/44 D04H1/44 D04H1/46 D04H1/48

D04H13/00 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/46 A61F13/47 A61F13/54

A61F5/44 B32B31/00 B32B5/06 B32B5/08 B32B5/26 D04H1/40 D04H1/42

D04H1/46 D04H1/48 D04H1/52 D04H1/60 D04H1/70 D04H1/74

D04H13/00

CPC: Y10T156/1075 A61F13/5116 A61F13/53747 B32B23/02 B32B23/10 B32B27/02 B32B27/12 B32B27/32 B32B27/34

B32B27/36 D04H1/435 D04H1/488 D04H1/498 D04H1/559 D04H1/593 D04H13/00 Y10T442/608 Y10T442/614 Y10T442/62

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B32B2262/0253 B32B2262/0261 B32B2262/0276 B32B2262/062 B32B2262/14 B32B2555/02 B32B5/26

European: A61F13/511 A61F13/511E A61F13/537C2 B32B23/02 B32B23/10 B32B27/02 B32B27/12 B32B27/32 B32B27/34

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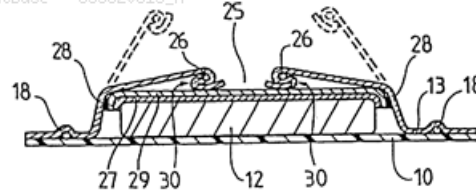
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PatBase - US5820615_A



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Publication number	Publication date	Application number	Application date
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FR2705697 B1	19950804	FR19930006327	19930526
GB2278371 A1	19941130	GB19940010047	19940519
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GB9410047 A0	19940706	GB19940010047	19940519
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US6452062 BA	20020917	US19970994931	19971219
WO9428222 A1	19941208	WO1994FR00607	19940524
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Priority:

FR19930006327 19930526 WO1994FR00607 19940524

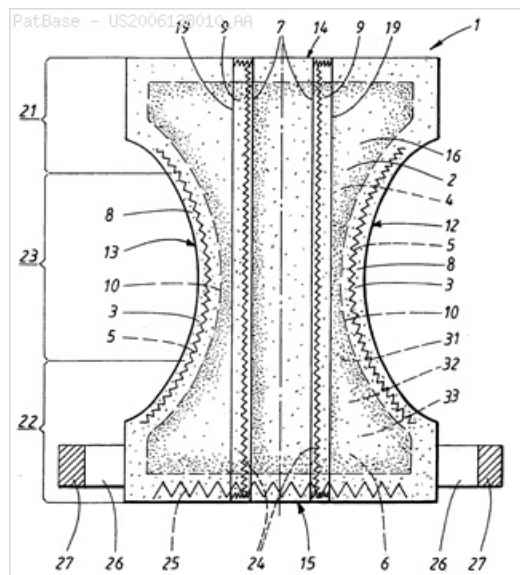
Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): KOCZAB JEAN PIERRE ; PEADOUCE SA ; PEADOUCE ; SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; PEADOUCE59, RUE DE LA VIGNETTEF-59126 LINSSELLESFR ; PEADOUCE LINSSELLES FR ; PEADOUCE**Inventor(s):** (std): KOCZAB JEAN PIERRE ; JEAN PIERRE KOCZAB**Inventor(s):** KOCZAB JEAN PIERREFR ; KOCZAB JEAN PIERRE F 59910 BONDUES FR**Agent(s):** GRIFFITH HACK; FETHERSTONHAUGH AND CO**Designated states:** AT AU BE CA CH CZ DE DK ES FI FR GB GR HU IE IT JP LI LU MC NL NO NZ PL PT SE SK US**41) Family number: 33091291** (US2006138010A)

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Title: PACKAGING UNIT**Abstract:** Packaging unit (17) for absorbent articles (1) including a number of folded articles (1), the folded parts (11) of the articles being arranged towards one of the sides (18) of the packaging unit, but at different distances from the side (18).**Classifications:****International (IPC 8-9):** B65D73/00 (Advanced/Invention);

B65D73/00 (Core/Invention)

CPC: B65D85/07 A61F13/15747 A61F13/55115 A61F13/55145**European:** A61F13/15M6F A61F13/551A4 A61F13/551B2D B65D85/16**US:** 206/440 206/494 53/429 53/447 53/475



Family:

Publication number	Publication date	Application number	Application date
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US2008099361 A9	20080501	US20040905328	20041228
US7353949 BB	20080408	US20040905328	20041228

Priority:

US20030532952P 20031230 US20040905328 20041228

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s): (std): OSTERDAHL EJE ; WINQVIST PONTUS ; HANSSON ROY

Agent(s): BUCHANAN INGERSOLL PC, (INCLUDING BURNS DOANE SWECKER AND MATHIS); BUCHANAN INGERSOLL AND ROONEY PC

42) Family number: 61559295 (US2016030256A)

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Title: ARRAY OF ABSORBENT ARTICLES HAVING CHANNEL-FORMING AREAS

Abstract: An array of absorbent articles, in particular baby care articles, comprising at least two, preferably at least three, articles of different sizes, the articles having a wearer-facing side, a garment-facing side and an absorbent core (28) comprising an absorbent material (60) between the wearer-facing side and the garment-facing side. Each absorbent article is notionally divided by longitudinal axis (80), and has a front region (36), a back region (38) and an intermediate crotch region (37). The absorbent core comprises a pair of channel-forming areas (26) at least partially present in the crotch region of the article. The channel-forming areas are symmetrically disposed on opposite side of the longitudinal axis and are concave towards the longitudinal axis. Each channel-forming area has a length (CL) and a height (CH) and the length to height ratio (CL/CH) of the channel-forming areas increases with the size of the articles of the array.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/475 A61F13/511 A61F13/53 A61F13/532 A61F13/533 A61F13/536 A61F13/539 A61F5/44 (Advanced/Invention)

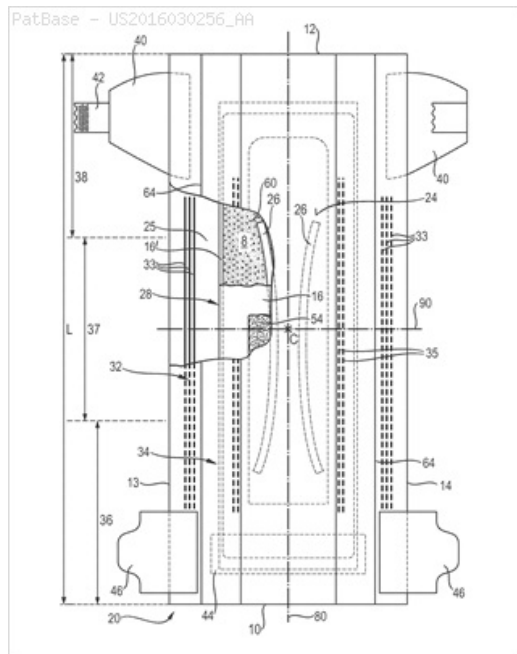
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US: 493/383 604/366 604/385.101

JP F-Term: 3B200 3B200/AA01 3B200/AA03 3B200/DB05 3B200/DB11 3B200/DB14 3B200/DB22 3B200/DB24 3B200/EA01 4C098 4C098/AA09 4C098/CC02 4C098/CC07 4C098/CC11 4C098/CE14

JP F-Index: A61F13/15/320 A61F13/532/210 A61F5/44/H



Family:

Publication number	Publication date	Application number	Application date
BR112017002105 A2	20171121	BR20171102105	20150728
CA2957013 AA	20170201	CA20152957013	20150728
CL2017000269 A1	20171006	CL20170000269	20170201
CN106535845 A	20170322	CN201580039103	20150728
DE202014011114 U1	20180104	DE201420011114U	20140801
EP2979671 A1	20160203	EP20140179567	20140801
IN201717002542 A	20170609	IN201717002542	20170123
JP2017528182 T2	20170928	JP20170504150T	20150728
MX2017001449 A1	20170511	MX20170001449	20150728
RU2659978 C1	20180704	RU20170101694	20150728
US2016030256 AA	20160204	US20150813192	20150730
WO16018891 A1	20160204	WO2015US42426	20150728

Priority:

DE201420011114U 20140801 EP20140179567 20140801 WO2015US42426 20150728

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std) DZE PROKTER END GEMBL KOMPANI ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; RINNERT THORSTEN ; KREUZER CARSTEN HEINRICH ; BIANCHI ERNESTO GABRIEL

Inventor(s): (std) CARSTEN HEINRICH KREUZER ; THORSTEN RINNERT ; ERNESTO GABRIEL BIANCHI ; KROJTSEY KARSTEN GENRIKH ; BYANCHI ERNESTO GABRIEL ; RINNERT TORSTEN ; RINNERT THORSTEN ; KREUZER CARSTEN HEINRICH ; BIANCHI ERNESTO GABRIEL

Agent(s): WILSON LUE LLP; LLOVET AHUMADA RAUL; LHUILLIER FLORENT CHARLES; NAGAI HIROSHI; NA RYBINOJ; KREBS JAY A

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

43) Family number: 3121298 (US4879170A)

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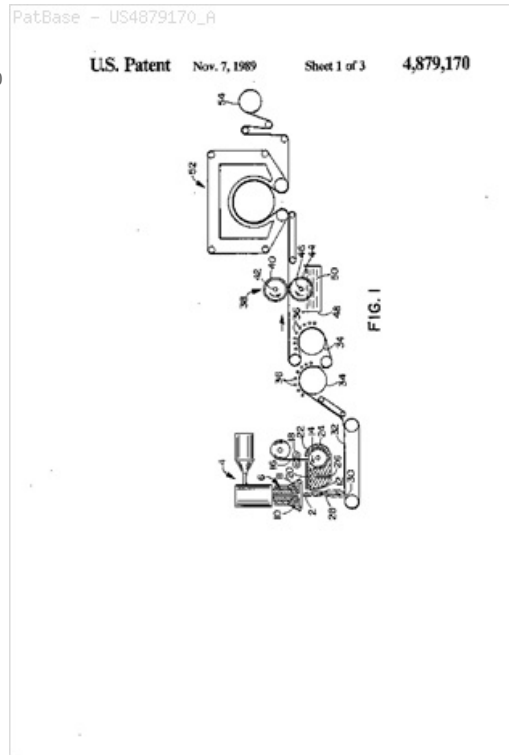
Title: NONWOVEN FIBROUS HYDRAULICALLY ENTANGLED ELASTIC COFORM MATERIAL AND METHOD OF FORMATION THEREOF

Abstract: Nonwoven fibrous elastomeric web material, including absorbent webs and fabric web material, and methods of forming the same, are disclosed. The elastomeric web material is a hydraulically entangled coform or admixture of (1) meltblown fibers, such as elastic meltblown fibers and (2) pulp fibers and/or staple fibers and/or meltblown fibers and/or continuous filaments, with or without particulate material; such coform can be hydraulically entangled by itself or with other materials, including, e.g., super absorbent particulate material. The use of meltblown fibers facilitates the hydraulic entangling, resulting in a high degree of entanglement and enabling the use of shorter staple or pulp fibers. The hydraulic entangling technique provides a nonwoven fibrous elastic material having increased web strength and integrity, and allows for better control of other product attributes, such as absorbency, wet strength and abrasion resistance. A smooth surfaced and/or highly absorbent elastic web material, with isotropic strength and recovery in both machine- and cross-directions, can be provided according to the present invention.

Classifications:

International (IPC 8-9): A61F13/49 A61F13/53 D04H1/40 D04H1/42 D04H1/44 D04H1/46 D04H1/56 D04H3/10 (Advanced/Invention); D04H1/40 D04H1/42 (Advanced/Non-invention);

A61F13/15 D04H1/40 D04H1/42 D04H1/46 D04H1/56
D04H3/08 (Core/Invention)
International (IPC 1-7): A41B13/02 A61F13/46 B32B1/04 D03D15/08
D04H1/40 D04H1/42 D04H1/44 D04H1/46 D04H1/50 D04H1/56 D04H1/70
D04H3/10
CPC: Y10T442/602 Y10T442/689 Y10T442/699 D04H1/492 D04H1/56
European: D04H1/46B D04H1/56B
US: 28/104 28/105 428/233 428/236 428/237 428/240 428/283 428/284
428/286 428/287 428/288 428/296 428/299 428/301 442/329 442/408
442/417
JP F-Term: 3B029 3B029/BA01 3B029/BA05 3B029/BA12 3B029/BA14
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4L047/AA29 4L047/AB02 4L047/AB03 4L047/AB06 4L047/BA04
4L047/CB01 4L047/CC04
JP F-Index: A41B13/02/B A61F13/53/300 D04H1/40/B D04H1/407
D04H1/42/F D04H1/425 D04H1/46/A D04H1/492 D04H3/10/B D04H3/11



Family:

Publication number	Publication date	Application number	Application date
AT107976 E	19940715	AT19890104799T	19890317
AU198931466 A1	19890921	AU19890031466	19890317
AU607848 B2	19910314	AU19890031466	19890317
CA1278419 A1	19910102	CA19890593504	19890313
DE68916455 D1	19940804	DE19896016455	19890317
DE68916455 T2	19950202	DE19896016455T	19890317
EP0333209 A2	19890920	EP19890104799	19890317
EP0333209 A3	19900502	EP19890104799	19890317
EP0333209 B1	19940629	EP19890104799	19890317
ES2054908 T3	19940816	ES19890104799T	19890317
JP2014057 A2	19900118	JP19890065824	19890317
KR19890014819 A	19891025	KR19890003409	19890317
KR970005853 B1	19970421	KR19890003409	19890317
MX166630 B	19930125	MX19890015334	19890317
US4879170 A	19891107	US19880170196	19880318

Priority:

US19880170196 19880318 CA19890593504 19890313

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK CORP ; KIMBERLY CLARK CORP NEENAH WIS US ; KIMBERLY CLARK WORLDWIDE INC ;
RADWANSKI FRED R ; SMITH ROLAND C ; TRIMBLE LLOYD E ; CONNOR LINDA A ; KIMBERLY CLARK A
CORP OF DE CORP

Inventor(s): (std): RADWANSKI FRED R ; TRIMBLE LLOYD E ; SMITH ROLAND C ; CONNOR LINDA A ; ROORANDO SHII SUMISU
; RINDA EI KONAA ; ROIDO II TORINBURU ; FURETSUDO AARU RADOWANSUKII

Inventor(s): CONNOR LINDA A ATLANTA GEORGIA 30328 US ; RADWANSKI FRED R NORCROSS GEORGIA 30092 US ;
SMITH ROLAND C GAINESVILLE GEORGIA 30076 US ; TRIMBLE LLOYD E DUSTIN OKLAHOMA 74839 US ;
LINDA A CONNOR ; ROLAND C SMITH ; FRED R RADWANSKI ; LLOYD E TRIMBLE

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

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

44) Family number: 20243305 (ZA9409971A)

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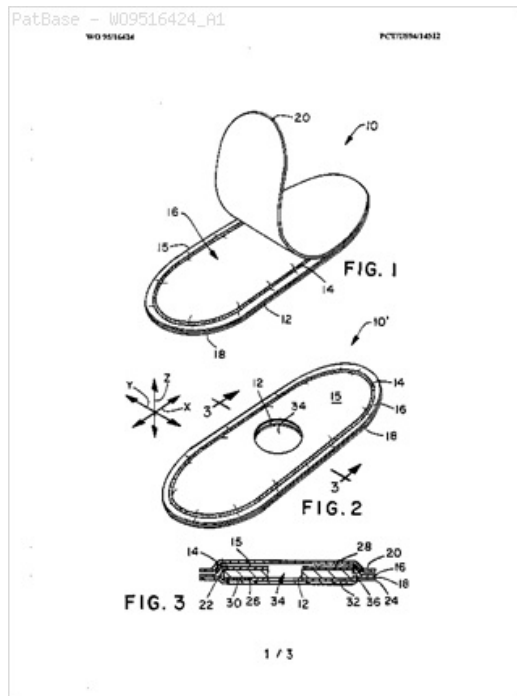
Title: ABSORBENT ARTICLE HAVING A BODY ADHESIVE

Abstract: A self-supporting absorbent article adapted for use in the general area of a human torso is disclosed. The article includes an absorbent and an adhesive disposed adjacent to the absorbent which is designed to contact the wearer's body. The absorbent article has a total weight greater than about 5 grams.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/56 A61F13/58 A61F13/82
G03F7/20 H01L21/00 H01L21/027 (Advanced/Invention);
A61F13/15 A61F13/56 G03F7/20 H01L21/00 H01L21/02 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/46 A61F13/56 A61F13/58
A61F13/66 A61F13/74 A61F13/82
CPC: A61F13/47245 A61F13/47272 A61F13/512 A61F13/532
A61F13/53713 A61F13/5376 A61F13/5611 A61F13/82
European: A61F13/472C1 A61F13/472E A61F13/512 A61F13/532
A61F13/537B2 A61F13/537D A61F13/56B2 A61F13/82 K61F13/15G
K61F13/82



Family:

Publication number	Publication date	Application number	Application date
AU199514029 A1	19950703	AU19950014029	19941214
CA2122660 AA	19950615	CA19942122660	19940502
FR2713478 A1	19950616	FR19940014915	19941212
FR2713478 B1	19960503	FR19940014915	19941212
GB2284767 A1	19950621	GB19940025177	19941213
GB2284767 B2	19980617	GB19940025177	19941213
GB9425177 A0	19950208	GB19940025177	19941213
TH16753 A	19951019	TH19941001973	19940915
TW266153 B	19951221	TW19940107926	19940830
WO9516424 A1	19950622	WO1994US14512	19941214
ZA9409971 A	19950823	ZA19940009971	19941214

Priority:

US19930167597 19931214 CA19942122660 19940502 WO1994US14512 19941214

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; VUKOS JOHN PHILIP ; KIMBERLEY CLARK CORP

Inventor(s): (std): JOHN PHILIP VUKOS ; VUKOS JOHN P ; PHILIP VUKOS JOHN ; VUKOS JOHN PHILIP

Agent(s): BORDEN LADNER GERVAIS LLP

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT
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TD TG TJ TT UA UZ VN

45) Family number: 33102307 (US2006149210A)

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Title: FASTENING SYSTEM HAVING ELASTOMERIC ENGAGING ELEMENTS AND DISPOSABLE ABSORBENT ARTICLE MADE THEREWITH

Abstract: An improved mechanical fastening system that includes a male component and a female component is disclosed. The female component is adapted for releasable engagement with the male component, and the female component comprises a fibrous web, wherein the fibrous web comprises a layer of elastomeric fibers. A disposable absorbent article employing the improved mechanical fastening system is also disclosed.

Classifications:

International (IPC 8-9): A44B18/00 A61F13/15 A61F13/49 A61F13/56
A61F13/62 (Advanced/Invention);

A44B18/00 A61F13/15 A61F13/49 (Advanced/Non-invention);

A44B18/00 A61F13/15 A61F13/56 (Core/Invention)

CPC: A61F13/627 A44B18/0034

European: A44B18/00D6 A61F13/62

US: 604/386 604/387 604/391 604/391P

JP F-Term: 3B100 3B100/DA01 3B100/DA07 3B100/DB02 3B200

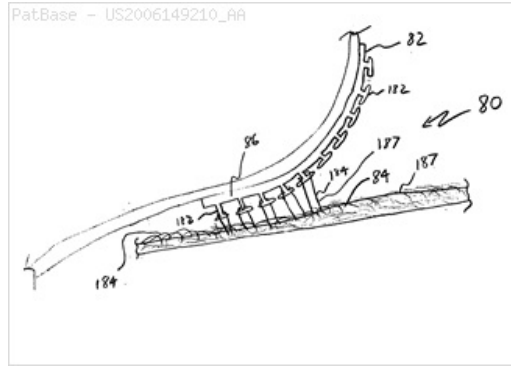
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3B200/BB04 3B200/BB06 3B200/BB11 3B200/CA02 3B200/DE01

3B200/DE12 3B200/DE13 3B200/EA09

JP F-Index: A41B13/02/H A44B18/00 A61F13/49/400 A61F13/511/300

A61F13/514/310 A61F13/56/210 A61F13/62/120

**Family:**

Publication number	Publication date	Application number	Application date
AU2005323265 AA	20060713	AU20050323265	20051202
AU2005323265 BB	20110106	AU20050323265	20051202
CN101094638 A	20071226	CN200580045669	20051202
CN101094638 B	20101027	CN200580045669	20051202
DE602005027389 D1	20110519	DE200560027389T	20051202
EP1830775 A1	20070912	EP20050852942	20051202
EP1830775 B1	20110406	EP20050852942	20051202
EP1830775 B2	20180425	EP20050852942	20051202
JP2008526304 T2	20080724	JP20070549394T	20051202
KR101245956 B1	20130321	KR20077014890	20051202
KR20070090978 A	20070906	KR20077014890	20051202
MX2007008083 A1	20070713	MX2007008083	20051202
US2006149210 AA	20060706	US20040026879	20041230
US8052666 BB	20111108	US20040026879	20041230
WO06073652 A1	20060713	WO2005US43882	20051202

Priority:

US20040026879 20041230 WO2005US43882 20051202

Probable Assignee: KIMBERLY CLARK CORP**Assignee(s):** (std): CARR JAMES M ; COENEN JOSEPH D ; FAULKS MICHAEL J ; KIMBERLY CLARK CO ; OLSON CHRISTOPHER P ; SAWYER LAWRENCE H ; POPP ROBERT L**Assignee(s):** KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC**Inventor(s):** (std): SAWYER LAWRENCE H ; POPP ROBERT L ; COENEN JOSEPH D ; FAULKS MICHAEL J ; OLSON CHRISTOPHER P ; CARR JAMES M**Inventor(s):** JOSEPH D COENEN ; MICHAEL J FAULKS ; JAMES M CARR ; LAWRENCE H SAWYER ; CHRISTOPHER P OLSON ; ROBERT L POPP ; COENEN JOSEPH ; SAWYER LAWRENCE ; POPP ROBERT ; OLSON CHRISTOPHER ; FAULKS MICHAEL ; CARR JAMES**Agent(s):** SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT; KIMBERLY CLARK WORLDWIDE INC; H MICHAEL**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**46) Family number: 33975327** (US2008154227A)

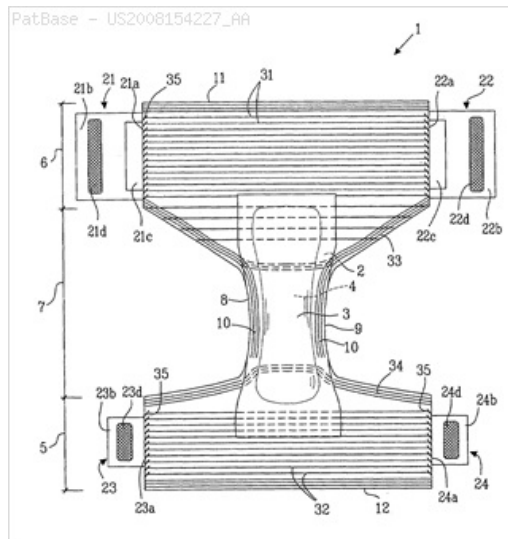
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Title: ABSORBENT ARTICLE COMPRISING DISPOSAL FASTENING MEANS**Abstract:** A fastening device for an absorbent article has a receiving portion with an opening, and a tab element which is shaped so that it can be inserted into the opening of the receiving portion upon closing the article. It is characteristic that both the tab element and the receiving portion have fasteners. By the fact that both the receiving portion and the tab element have fastener, a strong and stable connection is formed between the components of the fastening device.**Classifications:****International (IPC 8-9):** A61F13/15 A61F13/20 A61F13/49 A61F13/551

A61F13/56 A61F13/58 A61F5/44 (Advanced/Invention);

A61F13/15 A61F13/20 A61F13/56 A61F5/44 (Core/Invention)

CPC: A61F13/5512 A61F13/5633 A61F2013/5683 A61F13/565**European:** A61F13/551A6**US:** 604/385.02 604/385.06 604/385.19 604/385.22 604/385.220P 604/385.29 604/385.290S 604/386 604/386S 604/389 604/389S 604/396 604/396S**JP F-Term:** 3B200 3B200/AA01 3B200/AA03 3B200/BA01 3B200/BA12 3B200/BA16 3B200/BB11 3B200/BB20 3B200/CA02 3B200/CA03 3B200/CA05 3B200/CA11 3B200/CA14 3B200/DA28 3B200/DE02 3B200/DE06 3B200/DE07 3B200/DE08 3B200/DE14 3B200/DE16 3B200/DE18**JP F-Index:** A41B13/02/M A61F13/514/320 A61F13/514/330 A61F13/551 A61F13/551/100 A61F13/64

**Family:**

Publication number	Publication date	Application number	Application date
AU2005332359 AA	20061207	AU20050332359	20050601
CN101287434 A	20081015	CN200580049974	20050601
CN101287434 B	20110608	CN200580049974	20050601
DE602005044404 D1	20140918	DE200560044404T	20050601
EP1885317 A1	20080213	EP20050748764	20050601
EP1885317 B1	20140806	EP20050748764	20050601
JP2008541924 T2	20081127	JP20080514577T	20050601
MX2007014706 A1	20080215	MX20070014706	20050601
RU2007148432 A	20090627	RU20070148432	20050601
RU2371159 C2	20091027	RU20070148432	20050601
US2008154227 AA	20080626	US20070998423	20071130
US7771405 BB	20100810	US20070998423	20071130
WO06130053 A1	20061207	WO2005SE00820	20050601
WO06130053 C2	20080306	WO2005SE00820	20050601

Priority:

EP20050748764 20050601 RU20070148432 20050601 WO2005SE00820 20050601
 US20070998423 20071130

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): FERNFORS INGEMAR ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; SCA HYGIENE PRODUCTS AB ; STUBNER KARIN ; ANDERSSON MIKAEL ; DOVERBO ANNA GERD

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

Inventor(s): (std): ANDERSSON MIKAEL ; ANDERSSON MIKAEL ; DOVERBO ANNA GERD ; DROWELLBO ANNA HERDER ; FERNFORS INGEMAR ; FIENVOLLS INGHAMAL ; STUBNER KARIN ; STUBUNYR CARINE ; STUEBNER KARIN

Inventor(s): INGEMAR FERNFORS ; INGHAMAL FIENVOLLS ; KARIN STUBNER ; MIKAEL ANDERSSON ; DOVERBO ANNA-GERD ; ANDERSSON MIKAEL ; ANNA GERD DOVERBO ; ANNA HERDER DROWELLBO ; CARINE STUBUNYR

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; VALEA AB; BUCHANAN INGERSOLL AND ROONEY PC

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

47) Family number: 30658333 (US2004113801A)

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Title: SENSING ABSORBING ARTICLE

Abstract: A disposable sensing absorbent structure for detecting wetness comprises at least one absorbent layer and at least one sensing device comprising a magnetoelastic film. Such an absorbent structure enables the monitoring the status, e.g., wetness and/or at least one biological and/or chemical analyte, in an absorbent article. A change in status, such as wetness, may reflect an event, such as urination or a feces event. Also included are methods for detecting wetness and/or at least one biological and/or at least one chemical analyte, using the sensing absorbent structure according to an embodiment of the invention.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/20 A61F13/42 G08B21/00

G08B23/00 (Advanced/Invention);

A61F13/15 A61F13/20 A61F13/42 G08B21/00 G08B23/00 (Core/Invention)

International (IPC 1-7): G08B21/00

CPC: A61F13/2051 A61F13/42

European: A61F13/20C A61F13/42

US: 340/573.5 340/602 340/604 604/361 604/367

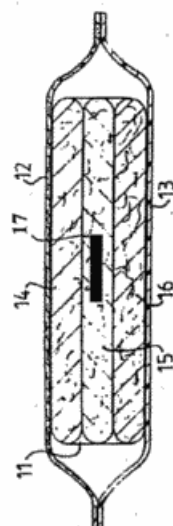


Figure 1A

Family:

Publication number	Publication date	Application number	Application date
US2004113801 AA	20040617	US20030655344	20030905
US7176344 BB	20070213	US20030655344	20030905

Priority:

US20020408333P 20020609 US20020408333P 20020906 US20030655344 20030905

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): BERLAND CAROLYN ; GUSTAFSON INGRID ; SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): GUSTAFSON INGRID ; BERLAND CAROLYN

Agent(s): BUCHANAN INGERSOLL AND ROONEY PC

48) Family number: 30692337 (US2004127870A)

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Title: THIN CURVED ELASTICIZED ABSORBENT ARTICLE WITH ABSORBENT CONCENTRATION PROFILE

Abstract: An absorbent article with increased body-fit and leakage protection has a concentrated center region. This central region is concentrated in the center of the article allowing the surrounding regions to remain thin for increased wearer comfort. The concentrated central region also provides support for elastic side members that form the article to the wearer's body.

Classifications:

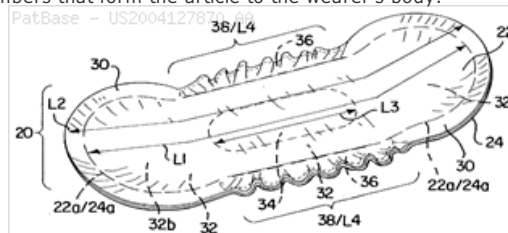
International (IPC 8-9): A61F13/15 (Advanced/Invention);
A61F13/15 A61F13/53 A61F13/534 (Advanced/Non-invention);
A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61F13/53 A61F13/534

CPC: A61F13/535 A61F13/512 A61F13/53 A61F13/53427 A61F13/8405
A61F2013/530481 A61F2013/8408

European: A61F13/535

US: 604/378 604/378P

**Family:**

Publication number	Publication date	Application number	Application date
AU2003270588 AA	20040729	AU20030270588	20030911
BRPI0317266 A	20051108	BR2003PI17266	20030911
CN100518698 C	20090729	CN20038025607	20030911
CN1713874 A	20051228	CN20038025607	20030911
EP1585471 A2	20051019	EP20030752292	20030911
KR20050085562 A	20050829	KR20057010636	20030911
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Priority:

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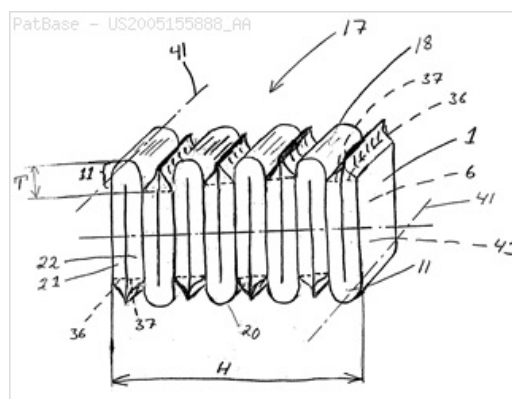
Probable Assignee: KIMBERLY CLARK CORP**Assignee(s):** (std): KIMBERLY CLARK CO**Assignee(s):** KIMBERLY CLARK CORP ; KIMBERLY CLARK WORDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC ; ZANDER TERESA M ; DIPALMA JOSEPH**Inventor(s):** (std): JOSEPH DIPALMA ; MARIE DIPALMA JOSEPH ZANDER TE ; TERESA M ZANDER ; DIPALMA JOSEPH ; ZANDER TERESA M ; ZANDER TERESA MARIE ; MARIE ZANDER TERESA**Inventor(s):** DIPALMA JOSEPH ZANDER TERESA MARIE ; TERESA MARIE ZANDER**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 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**49) Family number: 32087338** (US2005155888A)

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Title: PACKAGING UNIT**Abstract:** A packaging unit for absorbent articles including a number of folded absorbent articles arranged with their folded edges placed head to tail in the packaging unit, the folded edges arranged at a first side of the packaging unit being situated at different distances from the first side, and the folded edges arranged at the opposite side of the packaging unit being situated at different distances from the opposite side.**Classifications:****International (IPC 8-9):** A61L15/00 B65D71/06 B65D85/07

B65D85/16 (Advanced/Invention);

A61L15/00 B65D71/06 B65D85/16 (Core/Invention)

International (IPC 1-7): A61L15/00**CPC:** B65D85/07 A61F13/15747 A61F13/55115**European:** A61F13/15M6F A61F13/551A4 B65D85/16**US:** 206/440 206/440S 206/494 604/358**Family:**

Publication number	Publication date	Application number	Application date
US2005155888 AA	20050721	US20040025061	20041230
US7048124 BB	20060523	US20040025061	20041230

Priority:

US20030532950P 20031230 US20040025061 20041230

Probable Assignee: SCA HYGIENE PROD AB**Assignee(s):** (std): SCA HYGIENE PROD AB**Assignee(s):** SCA HYGIENE PRODUCTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG**Inventor(s):** (std): HANSSON ROY ; OESTERDAHL EJE ; OSTERDAHL EJE ; WINQVIST PONTUS**Agent(s):** BURNS DOANE SWECKER AND MATHIS L L P; BUCHANAN INGERSOLL PC**50) Family number: 34622341** (US2008300563A)

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Title: ABSORBENT ARTICLE WITH IMPROVED ELASTIC MEANS**Abstract:** The invention concerns an absorbent article such as a diaper, an incontinence product, a sanitary napkin, a panty liner or the like, wherein one or several parts (103,203: 104,204: 105,205) of said article comprise elastic means (116,216: 117,217; 119,219) which hold a skincare agent in their structure. The skincare agent is arranged to be released when the elastic means (116,216: 117,217; 119,219) is stretched during use of the absorbent article and the elastic means (116,216: 117,217; 119,219) absorbs less than 20 percent water or urine**Classifications:****International (IPC 8-9):** A61F13/15 A61F13/47 A61F13/475 A61F13/49

A61F13/494 A61F5/44 A61L15/44 (Advanced/Invention);

A61F13/15 A61F5/44 A61L15/16 (Core/Invention)

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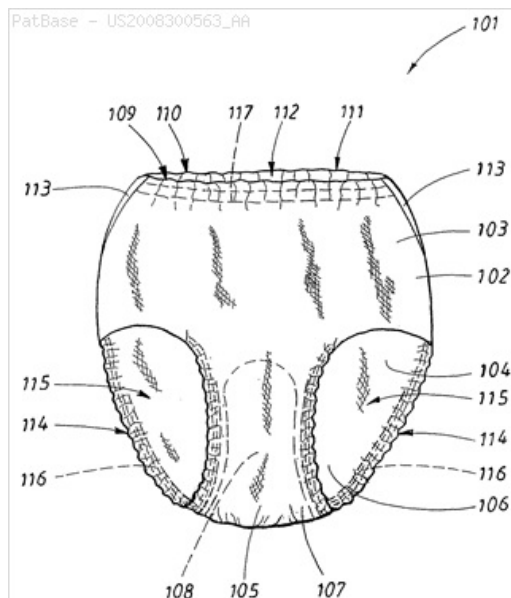
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K61L300/410

US: 604/367 604/367P 604/385.06 604/385.060S 604/385.27

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**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

RU20080125052 20051223 WO2005SE02046 20051223

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): BERLAND CAROLYN ; FERNKVIST MARIA ; GUSTAFSON INGRID ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCT AB ; SCA HYGIENE PRODUCTS AB

Assignee(s): SKA KHAJDZHIN PRODAKTS AB

Inventor(s): (std): BERLAND CAROLYN ; BERLAND KAROLIN ; FERNKVIST MARIA ; FERNKVIST MARIJA ; GUSTAFSON INGRID

Agent(s): ROMARE LAILA ANETTE ET AL; DRINKER BIDDLE AND REATH (DC); DRINKER BIDDLE AND REATH

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