

1) Family number: 29789864 (US5569234A)

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Title: Disposable pull-on pant

Abstract: Pull-on garments provided with a continuous belt in the front region and the back region to distribute the forces generated during use in order to better fit the pull-on garment on the wearer. In a preferred embodiment, the pull-on garment comprises a chassis layer comprising a continuous sheet that defines a front region, a back region, and a crotch region; a first belt layer joined to the chassis layer in the front region; a second belt layer joined to the chassis layer in the back region; elastic panel members positioned between the belt layers and the chassis layers which laminate is mechanically stretched to form elastically extensible stretch laminates in both the front region and the back region in the side panels; and seams joining the front region to the back region so as to form the leg openings and waist openings. The continuous chassis layer and belt layers thus form the continuous belt of the pull-on garment. Because the belt layers extend continuously laterally across the waist region and do not cover the entire crotch region, and because the chassis layer is thus exposed in the crotch region, the pull-on garment has a unique aesthetic feature which consumers perceive as providing a cloth-like feel in the waist but the containment characteristics in the crotch.

Classifications:

International (IPC 8-9): A41B13/04 A41B9/00 A61F13/15 A61F13/49 A61F13/496 A61F13/514 A61F13/56 A61F5/44 (Advanced/Invention); A61F13/15 A61F5/44 (Advanced/Non-invention)

International (IPC 1-7): A41B13/04 A41B9/00 A61F13/15 A61F13/46 A61F13/49 A61F13/496 A61F13/514 A61F13/56 A61F15/46 A61F5/44

CPC: A61F13/49009 A61F13/49011 A61F13/494 A61F13/496

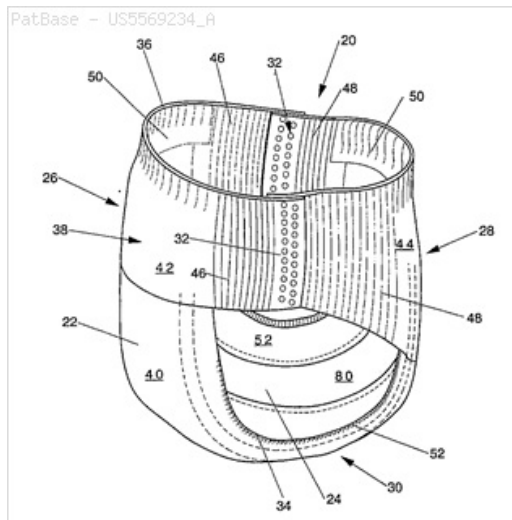
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A61F13/49D2B A61F13/49D2B2 K61F13/15J8

US: 604/358 604/367 604/385.2 604/385.22 604/385.24 604/385.29

604/393 604/394 604/396

**Family:**

Publication number	Publication date	Application number	Application date
AR001552 AA	19971126	AR19960336053	19960403
AR006329 AA	19990825	AR1997P101116	19970320
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US5769838 A	19980623	US19960738136	19961025
US5836932 A	19981117	US19960713054	19960912
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WO9631178 A3	19961114	WO1996US04303	19960329
WO9631179 A2	19961010	WO1996US04527	19960403
WO9631179 A3	19961107	WO1996US04527	19960403
ZA9602691 A	19960725	ZA19960002691	19960403

Priority:

US19950415816 19950403	CA19962216640 19960329	CA19962305868 19960329
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US19980930456 19980120	US19980192610 19981116	

Probable Assignee: PROCTER AND GAMBLE CO

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

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; PUROKUTAA ANDO GYANBURU CO ZA ; BUELL KENNETH BARCLAY ; CARLIN EDWARD PAUL

Inventor(s): (std): ASHTON GREGORY ; BUELL KENNETH B ; BUELL KENNETH BARCLAY ; BUELL KENNETHBARCLAY ; CARLIN EDWARD P ; CARLIN EDWARD PAUL ; CARLIN EDWARDPAUL ; KENNETH BARCLAY BUELL ; KENNETH B BUELL ; GREGORY ASHTON ; EDWARD PAUL CARLIN ; EDWARD P CARLIN ; CARLIN PAUL ; BUELL BARCLAY ; BEELL KENNETH B

Inventor(s): BYUURU KENISU BAAKUREI ; KAARIN EDOWAADO HOORU

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

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

2) Family number: 40842805 (US2008009817A)

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Title: PANT-TYPE ABSORBENT ARTICLE AND A METHOD FOR ITS MANUFACTURE

Abstract: A pant-type absorbent article, at least one of the front and back panels having an elastic web material constituting the sole component of at least part of the front and/or back panels, the elastic waistband being joined to the waist edge of at least one of the front and back panels, wherein the elastic waistband having a first and a second ply of substantially non-elastic web material enclosing between them at least one elongate elastic member, the first ply of substantially non-elastic web material being secured to one side of the elastic web material at the waist edge of at least one of the front and back panels and that the second ply of substantially non-elastic web material is secured to the opposite side of the elastic web material just opposite said first ply.

Classifications:

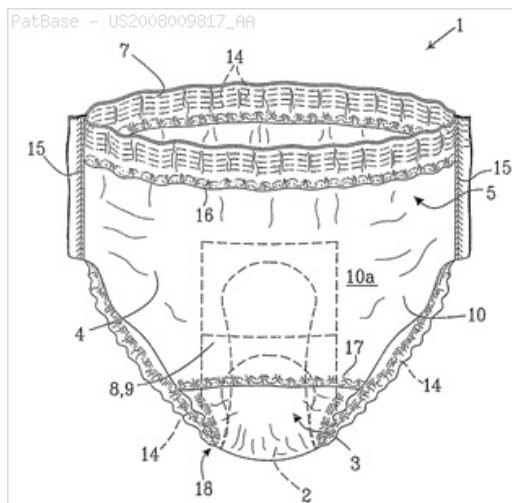
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/49
A61F13/494 A61F13/496 A61F13/72 A61F5/44 (Advanced/Invention);
A61F13/15 A61F13/56 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/15

CPC: A61F13/15593 A61F13/15756 A61F13/49011 A61F13/496
A61F2013/15406 A61F2013/1556 A61F2013/49063

European: A61F13/15M2B A61F13/15M7 A61F13/496 A61F13/49D2B
K61F13/15J8E K61F13/15J8T2 K61F13/49E3

US: 604/385.22 604/385.24 604/385.240S 604/385.27 604/385.3
604/385.300P



Family:

Publication number	Publication date	Application number	Application date
AR053321 AA	20070502	AR2005P105490	20051222
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BRPI0520061 A2	20090414	BR2005PI20061	20050302
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CA2595425 C	20120925	CA20052595425	20050302
CN101115453 A	20080130	CN200580047943	20050302
CN101115453 B	20101117	CN200580047943	20050302
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JP5026288 B2	20120912	JP20070557956T	20050302
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MY162100 A	20170531	MY20050005700	20051206
RU2007136345 A	20090410	RU20070136345	20050302
RU2366395 C2	20090910	RU20070136345	20050302
TH87957 A	20071220	TH20061000447	20060202
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TW200631559 A	20060916	TW20050141493	20051125
US2008009817 AA	20080110	US20070848556	20070831
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Priority:

EP20050711164 20050302 RU20070136345 20050302 WO2005SE00309 20050302
US20070848556 20070831

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s): (std): NORRBY NICLAS ; NORRBJU NIKLAS ; NICLAS NORRBY

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; VALEA AB; DE ELZABURU ALBERTO; 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 SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

3) Family number: 30162226 (US2004005832A)

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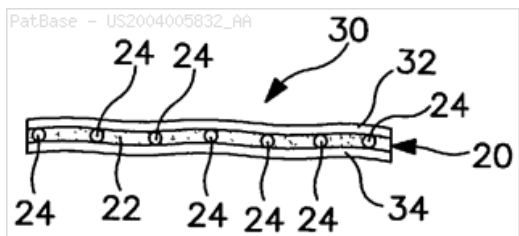
Title: STRAND-REINFORCED COMPOSITE MATERIAL

Abstract: Elastomeric composites and elastomeric composite laminates including reinforcement strands incorporated into an elastomeric adhesive film. The strands may vary in terms of levels of tension. Facing layers, such as nonwoven webs, can be laminated to both surfaces of the elastomeric composite to form laminates. A method of making such composites and laminates involves adjusting tension among various elastic strands while extruding the elastic strands and incorporating the elastic strands into the elastomeric adhesive film.

Classifications:

International (IPC 8-9): A41B9/00 A61F13/15 A61L15/58 B29C49/00 B29C59/00 B29D28/00 B32B25/04 B32B25/10 B32B27/00 B32B27/04 B32B27/12 B32B27/30 B32B3/18 B32B3/24 B32B37/00 B32B38/04 B32B5/04 B32B5/08 B32B7/12 C08J3/00 C08L25/04 C08L9/00 D04H1/00 (Advanced/Invention); A61F13/15 B29C59/00 B29D28/00 B32B37/12 B32B37/15 B32B38/06 B32B5/04 (Advanced/Non-invention); A41B9/00 A61F13/15 A61L15/16 B32B25/00 B32B27/00 B32B27/04

B32B27/30 B32B3/18 B32B5/04 B32B5/08 B32B7/12 C08J3/00
C08L25/00 C08L9/00 (Core/Invention)
International (ipc 1-7): A41D9/00 A61F13/15 A61F13/20 A61F13/49
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CPC: Y10T428/23 Y10T428/28 Y10T428/2852 Y10T428/2878
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C09J153/00 A61L15/585 Y10T442/162 Y10T442/184 Y10T442/195
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US: 156/16 156/160 156/160S 156/161 156/161S 156/163 156/163S 156/164 156/229 156/229S 156/244.11 156/244.25
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428/298.1 428/299.7 428/304.4 428/304.400S 428/343 428/343S 428/355EN 428/355R 428/68 428/68S 442/105 442/149
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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): DAY BRYON PAUL ; KIMBERLY CLARK CO ; HALL GREGORY K ; KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; ZHOU PEIGUANG ; STRACK DAVID CRAIGE

Assignee(s): FARAG RASHA WAFIK ZAKI ; FITTS JAMES RUSSELL ; ACHTER BRUCE ; COLLIER LESLIE WARREN ; NECULESCU CRISTIAN M ; WIDEMAN DANIEL J ; VARRIALE MONICA ; PALMER RANDALL JAMES ; MORMAN MICHAEL TOD ; MAY RAYMOND JEFFREY ; SHAWVER SUSAN ELAINE ; SUDDUTH GREGORY TODD ; POTNIS PRASAD SHRIKRISHNA ; MORELL CHARLES JOHN ; GARRETT LANCE J ; LAKE MATTHEW BOYD ; MATELA DAVID MICHAEL

Inventor(s): (std): DAVID CRAIGE STRACK ; CRISTIAN M NECULESCU ; DANIEL J WIDEMAN ; DAVID MICHAEL MATELA ; COLLIER IV LESLIE WARREN ; GARRETT LANCE J ; GARRETT JR LANCE J ; DAY BRYON PAUL ; FITTS JAMES RUSSELL JR ; GUIRGUIS RASHA WAFIK ZAKI ; FITTS JAMES RUSSELL ; FARAG RASHA WAFIK ZAKI ; DAY BRYON P ; DAY BYRON P ; GREGORY TODD SUDDUTH ; DAVIS CRAIGE STRACK ; FITTS JR JAMES RUSSELL ; GARRETT JR ; GARRETT LANCE JR ; PRASAD SHRIKRISHNA POTNIS ; STRACK DAVID CRAIGE ; HALL GREGORY K ; STRACK DAVID C ; JR ; RASHA WAFIK ZAKI GUIRGUIS ; LESLIE WARREN VI COLLIER ; RANDALL JAMES PALMER ; PEIGUANG ZHOU ; MICHAEL TOD MORMAN ; MONICA VARRIALE ; RAYMOND JEFFREY MAY ; SUSAN ELAINE SHAWVER ; JAMES RUSSELL JR FITTS ; MATTHEW BOYD LAKE ; NECULESCU CRISTIAN ; WIDEMAN DANIEL ; NECULESCU CRISTIAN M ; SHAWVER SUSAN ELAINE ; MAY RAYMOND JEFFREY ; MORMAN MICHAEL TOD ; VARRIALE MONICA ; LAKE MATTHEW BOYD ; MATELA DAVID MICHAEL ; SUDDUTH GREGORY TODD ; PALMER RANDALL JAMES ; MORELL CHARLES JOHN ; POTNIS PRASAD SHRIKRISHNA ; STRACK DAVID CRAIGE ; CHARLES JOHN MORELL ; BRYON PAUL DAY ; BRYON P DAY ; COLLIER LESLIE WARREN VI ; COLLIER LESLIE WARREN ; ACHTER BRUCE ; BRUCE ACHTER ; ZHOU PEIGUANG ; WIDEMAN DANIEL J

Inventor(s): JR LANCE J ; HALL GREGORY ; STRACK DAVID ; DAY BYRON ; GARRETT

Agent(s): DAVIES CHRISTOPHER ROBERT; MELANIE I RAUCH PAULEY PETERSEN AND ERICKSON; KIMBERLY

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

4) Family number: 41077462 (US2007293833A)

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Title: PANT-TYPE ABSORBENT ARTICLE

Abstract: A pant-type absorbent article having an absorbent assembly having an absorbent core and a chassis, wherein the front and back portions are joined to each other along two opposite longitudinal side edges to define a waist-opening and a pair of leg-openings, at least one of the front and back portions has an elastic web material, a crotch portion located between the front portion and the back portion in the longitudinal direction of the article, the front portion having a length in the longitudinal direction, the back portion having a length in the longitudinal direction, and the crotch portion having a length in the longitudinal direction, the absorbent assembly overlapping a distance with both the front and back portions, the article having a longitudinal and a transverse direction, wherein the absorbent assembly overlaps no more than 20 percent of the surface area of each of the front and back portions.

Classifications:

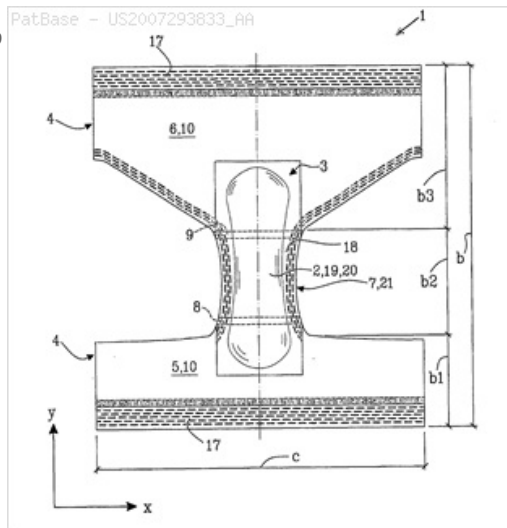
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/45 A61F13/49 A61F13/496 A61F5/44 (Advanced/Invention); A61F13/15 A61F5/44 (Core/Invention)

International (IPC 1-7): A61F13/15

CPC: A61F13/496 A61F13/15203 A61F13/49012 A61F13/49017

European: A61F13/15J A61F13/496

US: 604/385.01 604/385.010P 604/385.22 604/385.23 604/385.230P 604/385.29 604/385.290S 604/385.3 604/385.300S



Family:

Publication number	Publication date	Application number	Application date
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NZ556412 A	20091224	NZ20050556412	20050302
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TWI412350 B	20131021	TW20060103074	20060126
US2007293833 AA	20071220	US20070843419	20070822
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US2013165895 AA	20130627	US20130774240	20130222
US7785307 BB	20100831	US20070843419	20070822
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Priority:

EP20050722177	20050302	EP20130150761	20050302	JP20070557955	20050302
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WO2005SE00307	20050302	US20070843419	20070822	US20100695580	20100128
JP20100132865	20100610	JP20100132866	20100610	US20130774240	20130222

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; WENNERBAECK MARGARETA**Assignee(s):** WENNERBACK MARGARETA ; SKA KHAJDZHIN PRODAKTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG**Inventor(s):** (std): MARGARETA WENNERBAECK ; WENNERBEK MARGARETA ; WENNERBAECK MARGARETA ; WENNERBACK MARGARETA ; WENNERBACK MARGARETA ; MARGARETA WENNERBACK**Agent(s):** WATERMARK INTELLECTUAL PROPERTY PTY LTD; WATERMARK PATENT AND TRADE MARKS ATTORNEYS; FETHERSTONHAUGH AND CO; VALEA AB; DE ELZABURU ALBERTO; 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 SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**5) Family number: 20206351 (US5246433A)**

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Title: ELASTICIZED DISPOSABLE TRAINING PANT AND METHOD OF MAKING THE SAME

Abstract: A unitary disposable garment, such as disposable training pants, having a high degree of stretch in the cross-machine direction and fitting a broad range of wearer sizes. The unitary disposable garment is manufactured from a chassis and has a waist opening, two leg openings and a pair of side seams which join the front portion of the chassis to the rear portion of the chassis. The unitary disposable garment preferably has an absorbent assembly, i.e. an absorbent insert, secured to the inner layer of the chassis. The chassis from which the unitary disposable garment is manufactured, has four elasticized ear flaps; each ear flap is elasticized by securing an elastomeric element thereto and mechanically stretching the ear flap and the elastomeric element such that the ear flap is elastically extensible in the direction of initial stretching. The front portion of the chassis is then joined to the rear portion of the chassis on each side of the disposable garment by a seam.

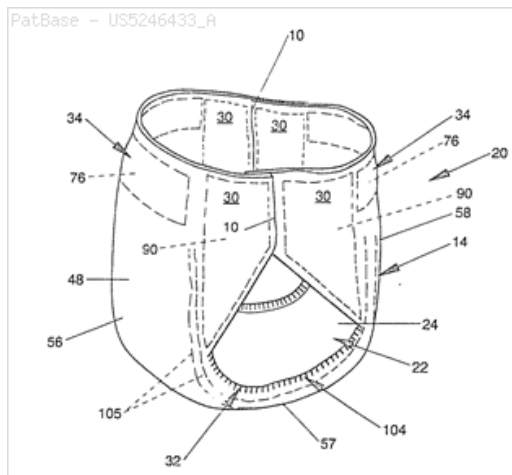
Classifications:

International (IPC 8-9): A41B13/04 A61F13/15 A61F13/49 A61F13/496 A61F13/56 A61F13/72 A61F5/44 B29C65/08 (Advanced/Invention); A61F13/15 A61F13/68 A61F5/44 B29C65/08 (Advanced/Non-invention); A41B13/00 A61F13/15 A61F13/56 A61F5/44 (Core/Invention); B29C65/08 (Core/Non-invention)

International (IPC 1-7): A41B13/02 A41B13/04 A41B9/00 A61F13 A61F13/15 A61F13/49 A61F13/56 A61F13/66 A61F13/68 A61F13/72 A61F5/44 B32B31/04 B32B31/10 B32B31/18 B32B5/18

CPC: A61F13/49011 A61F13/49009 A61F13/49015 A61F13/49017 A61F13/491 A61F13/496 A61F13/4963 A61F2013/49023 A61F2013/49033 B29C66/83411 B29C66/83511 B29L2031/4878 A61F13/15658 A61F13/15764 A61F13/15804 B29C66/9513 Y10T156/1034 Y10T156/1051 Y10T156/1054 B29C66/729 B29C66/7294 B29C66/9141 B29C66/919 B29C66/431 B29C66/433 B29C65/7443 B29C66/1122 B29C66/81427 B29C65/086 B29C65/7847 B29C66/727 B29C66/81419 B29C66/81435 B29C66/4722 B29C66/8122 B29C66/43 B29C66/71 B29C66/723 B29C66/72327 B29C66/72343

European: A61F13/496A A61F13/49D2 A61F13/49D2B A61F13/49D2D2 B29C66/83411 K61F13/15F2A1 K61F13/15M2C K61F13/15M2H2 K61F13/491 K61F13/496 K61F13/49D2B K61F13/49D2E K61F13/49D2H1A K61F13/49D2H4 L29C65/08D4 L29C66/83411 L29C66/83511 L29L31/48E2
US: 156/216 156/227 156/229 156/251 156/73.3 604/358 604/385.1 604/385.2 604/385.22 604/385.25 604/396

**Family:**

Publication number	Publication date	Application number	Application date
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JP7501245 T2	19950209	JP19930509288T	19921102

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SG47651 A1	19980417	SG19960003436	19921102
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US5464401 A	19951107	US19930115293	19930901
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Priority:

US19910795560 19911121 WO1992US09388 19921102 US19930115293 19930901
US19930115941 19930901 WO1992US09388 19931102

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): DZE PROKTER END GEMBL KOMPANI ; HASSE MARGARET H ; MILLER STEVEN W ; PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; BRIDGES RUSSELL P ; PROKTER EHND GEHMBL KOMPANI

Assignee(s): PROCTOR AND GAMBLE CO ; BRIDGES RUSSELL PEARCE ; DZE PROKTER EHND GEHMBL KOMPANI ; THE PROCTOR AND GAMBLE CO CINCINNATI OHIO US ; HASSE MARGARET HENDERSON ; MILLER STEVEN WORTHINGTON ; GAMBLE CO ; PROCTER AND

Inventor(s): (std): MARGARET HENDERSON HASSE ; MARGARET KHENDERSON KHESSSE ; MH HASSE ; MILLER STEVEN W ; MILLER STEVEN WORTHINGTON ; PEARCE BRIDGES RUSSELL ; RASSEL PIRS BRIDZHEZ ; RP BRIDGES ; STEVEN WORTHINGTON MILLER ; STIVEN UORTINGTON MILLER ; SW MILLER ; WORTHINGTON MILLER STEVEN ; MILLER S W ; HASSE M H ; BRIDGES R P ; BRIDGES RUSSEL P ; BRIDGES RUSSELL P ; BRIDGES RUSSELL PEARCE ; HASSE MARGARET H ; HASSE MARGARET HENDERSON ; HENDERSON HASSE MARGARET ; RUSSELL PEARCE BRIDGES ; MILLER STEVEN ; MARGARET KHENDERSON KHESSSE ; HASSE MARGARET ; BRIDGES RUSSELL ; STEVEN W MILLER ; RUSSELL P BRIDGES ; MARGARET H HASSE ; HASSE MARGATE HENDERSON ; BRIDGES RUSSEL PEARCE

Inventor(s): RUSSEL PEARCE BRIDGES ; M H HASSE ; Bridges ; R P BRIDGES ; S W MILLER ; BRIDGES RUSSELL PEARCE CINCINNATI OH 45231 US ; HASSE MARGARET HENDERSON CINCINNATI OH 45215 US ; MARGARET KHENDERSON KHESSSE[US] ; STIVEN UORTINGTON MILLER[US] ; RASSEL PIRS BRIDZHEZ[US] ; MILLER STEVEN WORTHINGTON WEST CHESTER OH 45069 US ; Russell Pearce

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

Designated states: AT AU BB BE BG BR CA CH CS DE DK ES FI FR GB GR HU IE IT JP KP KR LI LK LU MC MG MN MW NL NO PL RO RU SD SE

6) Family number: 32811350 (US2011144610A)

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Title: ABSORBENT ARTICLE COMPRISING AN ELASTIC WEB MATERIAL

Abstract: A pant type absorbent article such as a pant diaper, a sanitary pant or incontinence pant, said article having a core region (3) comprising an absorbent core (2) and a chassis region (4) surrounding the core region. The chassis comprises front, back and waist regions (5, 6 and 7). The article in at least a part of the chassis region (4) comprises an outer coversheet (10) in the form of an elastic web material (11) constituting the sole component of the chassis (4) in at least 20 percent of the total surface area of the article (1), said elastic laminate having an opacity of at least 40 percent and a basis weight of no more than 100 grams per square metre.

Classifications:

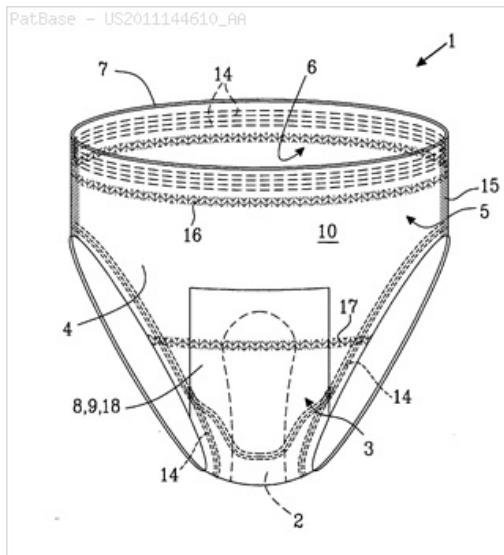
International (ipc 8-9): A61F13/15 A61F13/49 A61F13/496 A61F13/514 A61F13/72 A61L15/42 B32B27/12 (Advanced/Invention); A61F13/15 A61F13/49 A61F13/496 (Advanced/Non-invention); A61F13/15 A61F13/56 B29C55/18 B32B27/12 (Core/Invention)

International (ipc 1-7): A61F13/15 A61F13/49 A61F13/496 A61F13/514 B29C55/18

CPC: A61F13/51464 A61F13/51401 A61F13/5146 A61F13/51462 A61F13/5148 A61F13/51484 A61F13/51496 A61F13/496 A61F13/15 A61F13/49

European: A61F13/514A A61F13/514B1A A61F13/514B1B A61F13/514B2 A61F13/514C2A A61F13/514C3 A61F13/514D

US: 1/1 604/367 604/367S 604/372 604/372P 604/385.24 604/385.240S 604/385.3 604/385.300S

**Family:**

Publication number	Publication date	Application number	Application date
AR051930 AA	20070221	AR2005P104097	20050928
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TW200618780 A	20060616	TW20050131498	20050913
US2011144610 AA	20110616	US20040576497	20041004
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Priority:

EP20040793778 20041004
KR20077009706 20070427

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WO2004SE01415 20041004

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): GUSTAFSSON ANDERS ; KARLSON TOMAS ; KARLSSON TOMAS ; SCA HYGIENE PROD AB ; WIDLUND URBAN ; WAESTLUND KARLSSON JAN ; WENNERBAECK MARGARETHA ; SCA HYGIENE PRODUCTS AB ; WASTLUND KARLSSON JAN ; WENNERBACK MARGARETA

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

Inventor(s): (std): ANDERS GUSTAFSSON ; GUSTAFSSON ANDERS ; JAN WOSTLUND KARLSSON ; KARLSSON T GUSTAFSSON A WIDLUND ; KARLSSON TOMAS ; MARGARETA WENNERBOCK ; TOMAS KARLSSON ; URBAN WIDLUND ; WAESTLUND KARLSSON JAN ; WASTLUND KARLSSON JAN ; WENNERBACK MARGARETHA ; WENNERBAECK MARGARETHA ; WENNERBAECK MARGARETA ; KARLSON TOMAS ; WENNERBACK MARGARETA ; VIDLUND URBAN ; VESTLUND KARLSSON JAN ; VENNERBEK MARGARETA ; MARGARETHA WENNERBAECK ; JAN WAESTLUND KARLSSON ; WIDLUND URBAN

Inventor(s): WOSTLUND KARLSSON JAN ; VESTLUND-KARLSSON JAN ; WENNERBOCK MARGARETA ; MARGARETHA WENNERBACK ; KARLSSON T ; JAN WASTLUND KARLSSON

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

7) Family number: 41818324 (US2010324513A)

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Title: ABSORBENT ARTICLE COMPRISING AN ELASTIC LAMINATE

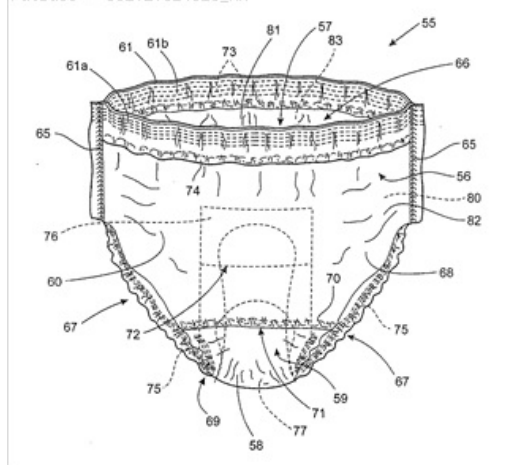
Abstract: A pant-type absorbent article (55) includes a chassis structure, the chassis structure including a front panel (56), a back panel and a crotch panel (58) arranged between the front and back panels (56,57) and front and back waist panels (61a,61b) arranged at the front and back panels (56,57) respectively. At least one of the front and back panels (56,57) includes an activated three-layer elastic laminate (68) including a first fibrous nonwoven web and a second fibrous nonwoven web and an elastic film between the first and second fibrous nonwoven webs. At least one of the first and second fibrous

nonwoven webs is a creped nonwoven web.

Classifications:

International (IPC 8-9): A41D31/02 A61F13/15 A61F13/49 A61F13/496 A61F13/514 A61L15/22 A61L15/58 B29C55/02 B29C55/18 B32B27/12 B32B37/12 B32B37/14 B32B37/15 B32B38/00 B32B5/26 D03D17/00 (Advanced/Invention); A41D31/00 A61F13/15 B29C55/02 B32B27/12 D03D17/00 (Core/Invention)
CPC: A61F13/49012 A61F13/496 A61F13/51464 A61F13/5148 B29C55/023 B29C55/18 B32B5/26 B32B37/12 B32B37/144 B32B37/153 B32B2038/0028 B32B2305/20 B32B2307/51
European: A61F13/496 A61F13/49D2B2 A61F13/514B2 A61F13/514C2A B29C55/02B B29C55/18 B32B37/14B B32B5/26 L32B305/20 L32B307/510 L32B37/12 L32B37/15B L32B38/00C8
US: 604/365 604/365P 604/370 604/370S 604/385.24 604/385.25 604/385.26 604/385.3 604/385.300S 604/385.31 604/396

PatBase - US2010324513_AA



Family:

Publication number	Publication date	Application number	Application date
AU2006350778 AA	20080522	AU20060350778	20061113
AU2006350778 BB	20130110	AU20060350778	20061113
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BRPI0622117 B1	20180206	BR2006PI22117	20061113
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CN101534776 B	20130327	CN200680056357	20061113
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US2010324513 AA	20101223	US20060446297	20061113
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WO08060205 A1	20080522	WO2006SE50471	20061113

Priority:

BR2006PI22117 20061113 EP20060824540 20061113 WO2006SE50471 20061113
RU20090122517 20061113

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB ; WENNERBAECK MARGARETA

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

Inventor(s): (std): MARGARETA WENNERBACK ; WENNERBACK MARGARETA ; WENNERBAECK MARGARETA ; VENNERBEK MARGARETA

Inventor(s): WENNERBAECK ; MARGARETA WENNERBAECK ; MARGARETA

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

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

8) Family number: 33897328 (US2006271009A)

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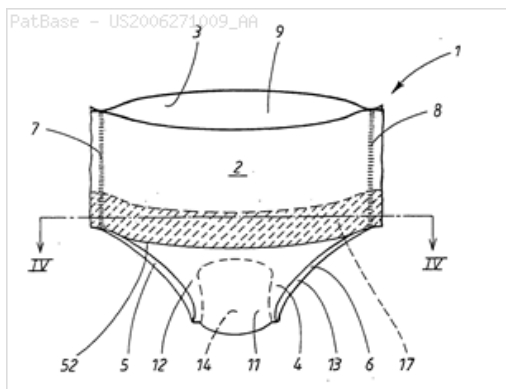
Title: REINFORCED SIDE SEAM

Abstract: Disposable hygiene pants with a front portion (2), a rear portion (3) and a crotch portion (4) provided with two leg openings (5, 6), the longitudinal edge portions (21, 22) of the front portion being connected by longitudinal weld seams (7, 8) to the longitudinal edge portions (31, 32) of the rear portion (3) in order to form a waist opening (9) and two leg openings (5, 6) in the crotch portion, which leg openings are outwardly delimited in the transverse direction by the inner end portions of the weld seams as seen in the longitudinal direction of the hygiene pants. The hygiene pants have an outer cover (10) and comprise an absorption unit (11). The cover is preferably made of an elastic laminate. The weld seams (7, 8) are each reinforced by at least one reinforcing strip (15, 16) containing thermoplastic fibers and have a tensile strength, in a direction transverse to the weld seam, in excess of 5 N/25.4 mm at least in the portions reinforced with said nonwoven strip (15, 16).

Classifications:

International (IPC 8-9): A61F13/15 A41B11/02 A41B9/12 A61F13/20 A61F13/49 A61F13/496 A61F13/56 B32B37/00 B32B37/14 D04H1/02 (Advanced/Invention); A41B9/12 A61F13/15 (Advanced/Non-invention); A41B11/00 A41B11/02 A41B9/00 A61F13/15 A61F13/56 B29C65/82 B32B37/14 D04H1/00 D04H1/02 (Core/Invention)
International (IPC 1-7): A41B11/02 A61F13/15 A61F13/56 D04H1/02
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European: A61F13/15J A61F13/47A A61F13/496 A61F13/496A

A61F13/56C K61F13/496A L29C65/82B L29L31/48E2
US: 156/290 156/73.1 156/73.100P 156/73.2 604/358 604/385.01
 604/385.22 604/385.220S 604/385.24 604/385.3 604/385.300P
 604/385.300S 604/385.31 604/385.310P 604/387



Family:

Publication number	Publication date	Application number	Application date
AR054741 AA	20070711	AR2006P100692	20060224
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TH45682 B	20150827	TH20061000867	20060228
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Priority:

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Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s): (std): BAECK LUCAS ; BAKER L ; BEKK LUKAS ; BAACK LUCAS ; LEHTO MARCUS ; EEN HANS ; DUMAS CHRISTIAN ; CARTIER JEAN FRANCOIS ; BACK LUCAS ; LUCAS BAECK

Inventor(s): LUCAS BAACK ; L BAKER ; LUCAS BACK

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; WATERMARK PATENT AND TRADE MARKS ATTORNEYS; FETHERSTONHAUGH AND CO; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; OLSSON STEFAN; 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 SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Abstract: A disposable garment manufactured from a fusion-slit chassis having a pair of seams. The seams are formed by folding the chassis in the crotch portion so that the longitudinal side regions of the front portion and rear portion are superposed to form seaming areas; each seaming area is treated with ultrasonic energy sufficient to sever the material of the seaming area in a first area while simultaneously bonding the material of the seaming area in a marginal area adjacent the first area to form a flangeless seam which extends from the disposable garment 1/16" or less, preferably 1/32" or less, and in a preferred embodiment will form a splice between the front portion and rear portion of the chassis. The seaming area will consist of layers of polymeric material and in a preferred embodiment will consist of nonwoven webs of 100 percent polypropylene fibers.

Classifications:

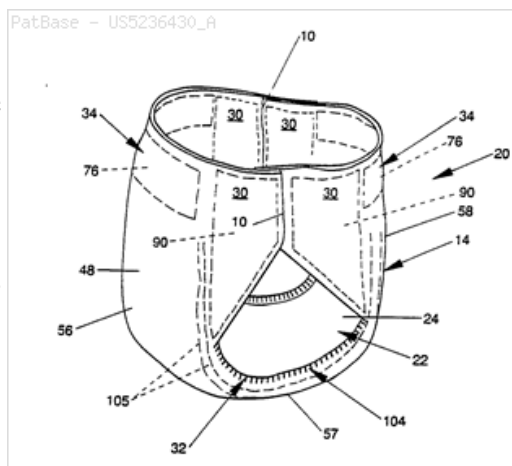
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US: 2/400 2/402 604/358 604/366 604/370 604/385.1 604/393 604/396



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TW250430 B	19950701	TW19920108975	19921110
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Priority:

US19910795559 19911121 WO1992US09389 19921102

Probable Assignee: PROCTER AND GAMBLE CO**Assignee(s):** (std): PROCTER AND GAMBLE ; PROCTER AND GAMBLE CO ; PROKTER EHND GEHMBL KOMPANI ; PROCTER CO**Assignee(s):** THE PROCTOR AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY CINCINNATI ; THE PROCTOR AND GAMBLE COMPANY ; PROCTOR AND GAMBLE CO CINCINNATI ; PROCTOR AND GAMBLE CO ; THE PROCTOR AND GAMBLE CO CINCINNATI OHIO US ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY THE ; BRIDGES RUSSELL PEARCE ; DZE PROKTER EHND GEHMBL KOMPANI ; DZE PROKTER END GEMBL KOMPANI ; GAMBLE CO ; PROCTER AND**Inventor(s):** (std): RASSEL PIRS BRIDZHEZ ; BRIDGES P RUSSELL ; BRIDGES RUSSEL P ; BRIDGES RUSSEL PEARCE ; BRIDGES RUSSELL ; BRIDGES RUSSELL P ; BRIDGES RUSSELL PEARCE**Inventor(s):** BRIDGES RUSSELL PEARCE CINCINNATI OH 45231 US ; RUSSEL PEARCE BRIDGES ; RUSSELL P BRIDGES ; RUSSELL PEARCE BRIDGES ; Russell ; Pearce ; BRIDGES ; RASSEL PIRS BRIDZHEZ[US]**Agent(s):** WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SIM AND MCBURNEY**Designated states:** AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR LI LK LU MC MG ML MN MR MW NE NL NO PL RO RU SD SE SN TD TG**10) Family number: 41818330** (US2009306616A)

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Title: ABSORBENT ARTICLE COMPRISING AN ELASTIC LAMINATE MATERIAL

Abstract: A pant type absorbent article having a core region includes an absorbent core and a chassis region surrounding the core region. The article in at least a part of the chassis region includes a coversheet in the form of an elastic laminate constituting the sole component of the chassis in at least 20 percent of the total surface area of the article. The elastic laminate has a tensile strength of at least 15 N/25 mm both in the longitudinal and transverse directions of the article and a tensile strength in the transverse direction of the article which is no more than 2.5 times and preferably no more than 2 times higher than the tensile strength in the longitudinal direction of the article. The force required to extend the elastic laminate 10 percent in the longitudinal direction of the article is no more than 5 N/25 mm.

Classifications:

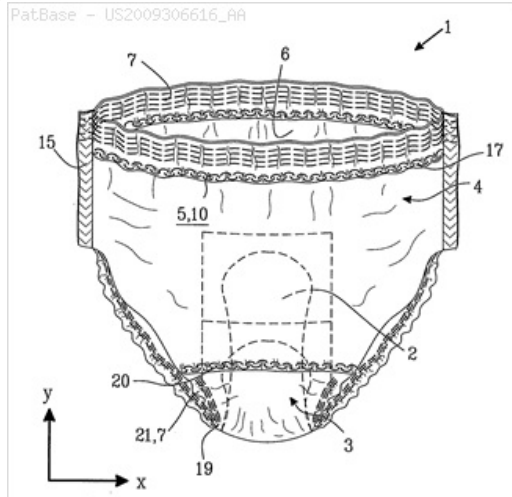
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European: A61F13/15J A61F13/49D2H A61F13/511 A61F13/514B1 A61F13/514B2 A61F13/514C2 B32B37/20A K61F13/15J8A L32B305/20 L32B307/510 L32B555/02

US: 1/1 604/365 604/365S 604/367 604/367P 604/378 604/378S 604/385.22 604/385.220S 604/385.23 604/385.230S

PatBase - US2009306616_AA

**Family:**

Publication number	Publication date	Application number	Application date
BRPI0622116 A2	20140617	BR2006PI22116	20061113
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RU2414203 C2	20110320	RU20090122510	20061113
US2009306616 AA	20091210	US20060514086	20061113
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Priority:

BR2006PI22116 20061113 WO2006SE01284 20061113

Probable Assignee: SCA HYGIENE PRODUCTS AB**Assignee(s):** (std): SCA HYGIENE PROD AB ; WENNERBAECK MARGARETA**Assignee(s):** ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; SCA HYGIENE PRODUCTS AB ; SKA KHAJDZHIN PRODAKTS AB**Inventor(s):** (std): WENNERBAECK MARGARETA ; WENNERBEK MARGARETA ; MARGARETA WENNERBAECK**Inventor(s):** WENNERBAECK ; MARGARETA**Agent(s):** 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 GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD OF PRODUCING AN ABSORBENT GARMENT, AND AN ABSORBENT GARMENT PRODUCED ACCORDING TO THE METHOD

Abstract: A method for continuously producing absorbent garments includes forming a continuous multi-component production web; and cutting individual garments from the production web. The production web is formed by: a) feeding a first elastic web in a travelling direction; b) stretching the first elastic web by 35-250 percent in the travelling direction; c) intermittently laying down absorbent cores in an intermediate zone extending in a travelling direction of the production web; d) feeding a continuous web of liquid permeable material in the travelling direction and covering the absorbent cores with the continuous web of liquid permeable material; and e) bonding the first elastic web to the continuous web of liquid permeable material in a first lateral zone on a side of the intermediate zone of the production web. In addition, an absorbent garment has a continuous liquid permeable layer.

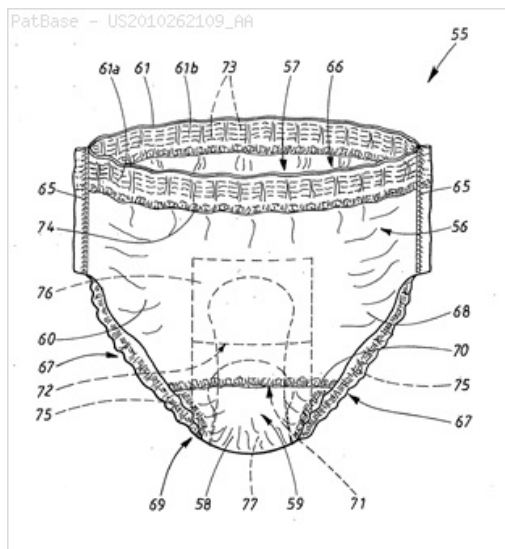
Classifications:

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European: A61F13/15M2B A61F13/15M5 A61F13/49D2B K61F13/15J8A1 K61F13/511C

US: 156/164 156/164S 156/250 156/256 156/257 156/264 156/73.4 156/73.400S 604/385.22 604/385.24 604/385.25 604/385.26 604/385.27 604/385.29 604/385.3 604/385.300P



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Priority:

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Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): ERIKSSON KATARINA ; SCA HYGIENE PROD AB

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

Inventor(s): (std): EHRIKSSON KATARINA ; ERIKSSON KATARINA ; KATARINA ERIKSSON

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

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

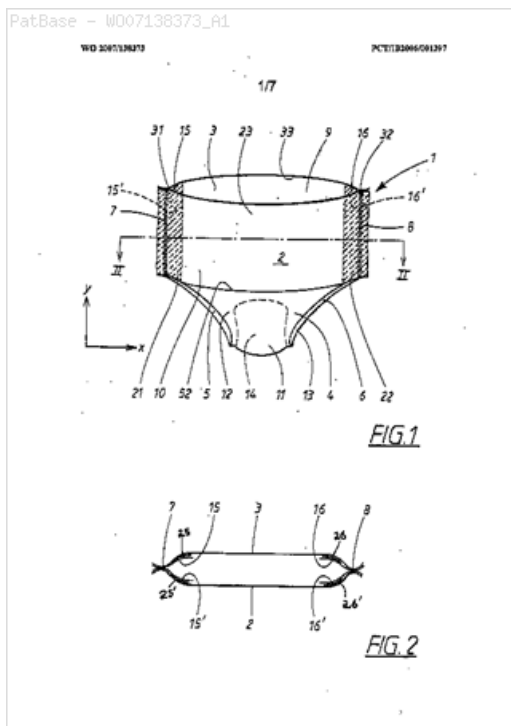
Title: HYGIENE PANTS FOR SINGLE USE

Abstract: Disposable hygiene pants with a front portion (2), a rear portion (3) and a crotch portion (4) provided with two leg openings (5, 6), the longitudinal edge portions (21, 22) of the front portion being connected by longitudinal weld seams (7, 8) to the longitudinal edge portions (31, 32) of the rear portion (3) in order to form a waist opening (9) and two leg openings (5, 6) in the crotch portion, which leg openings are outwardly delimited in the transverse direction by the inner end portions of the weld seams as seen in the longitudinal direction of the hygiene pants. The hygiene pants have an outer cover (10), which is preferably elastic, and comprise an absorption unit (11). The cover is made of an elastic laminate comprising an elastic film applied between two nonwoven layers. The weld seams (7, 8) are each reinforced by at least one strip of reinforcing material (15, 16) containing thermoplastic fibers that is affixed to the cover using adhesive placed proximate to but preferably not in the area of the welds.

Classifications:

International (IPC 8-9): A41B9/00 A41B9/12 A61F13/15 A61F13/49 A61F13/496 A61F13/51 A61F13/515 (Advanced/Invention); A41B9/00 A41B9/12 (Advanced/Non-invention); A41B9/00 A41B9/12 A61F13/15 (Core/Invention);

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CPC: A61F13/15739 A61F13/496 A61F13/4963 A61F13/515 B29C65/02 B29C65/086 B29C65/5057 B29C65/72 B29C65/8215 B29C66/1122 B29C66/3452 B29C2793/009 B29K2023/06 B29K2023/12 B29K2105/0854 B29L2031/4878 B29C65/48 B29C66/7294 B29C66/72143 B29C65/5021 B29C65/5028 B29C66/432 B29C66/21 B29C66/83511 B29C66/71 A41B9/12 A41B17/00 A41B2300/328 A41B2400/52
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Family:

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TNSN08476 A1	20100414	TN2008SN00476	20081121
TW200806267 A	20080201	TW20070116595	20070510
WO07138373 A1	20071206	WO2006IB01397	20060526

Priority:

EP20060755918 20060526 EP20090157176 20060526 WO2006IB01397 20060526
KR20087028107 20081118

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s): (std): CARTIER JEAN FRANCOIS ; DUMAS CHRISTIAN ; EEN HANS ; SCA HYGIENE PRODUCTS AB ; LEHTO MARCUS ; SCA HYGIENE PROD AB

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

Inventor(s): (std): CARTIER JEAN FRANCOIS ; CHRISTIAN DUMAS ; DUMAS CHRISTIAN ; EEN HANS ; HANS EEN ; JEAN FRANCOIS CARTIER ; LEHTO MARCUS ; MARCUS LEHTO ; M LEHTO ; LEKHTO MARKUS ; KART E ZHAN FRANSUA ; H EEN ; EHEHN KHANS ; DJUMA KRISTIAN ; J F CARTIER ; C DUMAS ; LEHTO MARCUS

Inventor(s): HEEN ; CDUMAS ; J FCARTIER ; KART'E ZHAN-FRANSUA ; MLEHTO ; EEN HANS 435 41

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; ROMARE LAILA ANETTE; VALEA AB; DE ELZABURU ALBERTO

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

Title: ABSORBENT ARTICLE

Abstract: An absorbent article such as a diaper, pant diaper, a sanitary pant or incontinence garment has at least one first elastic web material which is ultrasonically welded to at least one second web material along at least one weld seam. The second web material is different to the first elastic web material and said second web material has a degree of elasticity which is different to the elasticity of the first elastic web material. The ultrasonic weld seam between the first elastic web material and the second web material is reinforced to have a weld strength in a direction transverse to the weld seam which is at least 5 N/25.4 mm. The disclosure particularly relates to pant-type absorbent articles.

Classifications:

International (IPC 8-9): A61F13/56 A61F13/15 A61F13/20 A61F13/49 A61F13/494 A61F13/496 A61F13/51 A61F13/515 A61F5/44 B32B27/12 B32B7/04 (Advanced/Invention); A61F13/15 A61F13/515 A61F13/539 B32B7/04 (Advanced/Non-invention); A61F13/15 A61F13/515 A61F5/44 B32B27/12 B32B7/04 (Core/Invention)

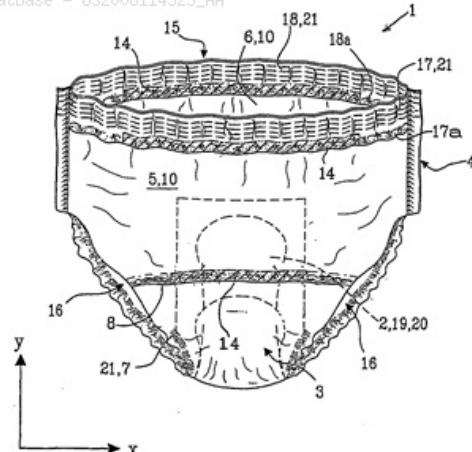
International (IPC 1-7): A61F13/15 A61F13/515 B32B7/04

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European: A61F13/496 A61F13/49D2B A61F13/49D2E A61F13/505 B32B27/12

US: 604/365 604/366 604/385.22 604/385.220S 604/385.24 604/385.240P 604/385.25 604/385.26 604/385.27 604/385.28 604/385.29 604/385.3 604/385.300S 604/385.31 604/393 604/396

PatBase - US2008114325_AA

**Family:**

Publication number	Publication date	Application number	Application date
AR055921 AA	20070912	AR2006P101675	20060426
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AU2005334271 BB	20120202	AU20050334271	20050714
BRPI0520377 A2	20090505	BR2005PI20377	20050714
CA2614723 AA	20080109	CA20052614723	20050714
CN101222894 A	20080716	CN200580051053	20050714
CN101222894 B	20110302	CN200580051053	20050714
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IN10157DN2007 A	20080620	IN2007DN10157	20071228
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JP5085542 B2	20121128	JP20080521350T	20050714
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MX2007016475 A1	20080307	MX20070016475	20050714
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NZ564186 A	20091127	NZ20050564186	20050714
RU2008105602 A	20090820	RU20080105602	20050714
RU2375031 C2	20091210	RU20080105602	20050714
TH83989 A	20070405	TH20061003250	20060712
TNSN08009 A1	20090714	TN2008SN00009	20080111
TW200701960 A	20070116	TW20060114528	20060424
US2008114325 AA	20080515	US20080007662	20080114
US8641695 BB	20140204	US20080007662	20080114
WO07008128 A1	20070118	WO2005SE01160	20050714

Priority:

NZ20050564186 20050714 RU20080105602 20050714 WO2005SE01160 20050714
US20080007662 20080114 KR20087002417 20080129

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): EDWALL KERSTIN ; LAKSO ELISABETH ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AKTIEBOLA ; WENNERBAECK MARGARETA ; WENNEBAECK MARGARETA

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

Inventor(s): (std): EDWALL KERSTIN ; EDWARD K ; EHDVALL KERSTIN ; LACSO E ; LAKSO EHLIZABET ; LAKSO ELISABETH ; VENNERBOK MARGARETA ; WENABEK M ; WENNERBACK MARGARETA ; WENNERBAECK MARGARETA ; WENNEBAECK MARGARETA

Inventor(s): MWENABEK ; MARGARETA WENNERBAECK ; KEDWARD ; ELACSO ; M WENABEK ; MARGARETA WENNERBACK ; EHDVALL' KERSTIN ; ELISABETH LAKSO ; K EDWARD ; KERSTIN EDWALL ; E LACSO

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

14) Family number: 45917156 (US2010168704A)

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Title: METHOD OF FORMING AN ELASTIC LAMINATE INCLUDING A CROSS-LINKED ELASTIC FILM

Abstract: A method of forming an elastic composite formed from a laminate that contains a cross-linked elastic film and a nonwoven facing is provided.

Classifications:

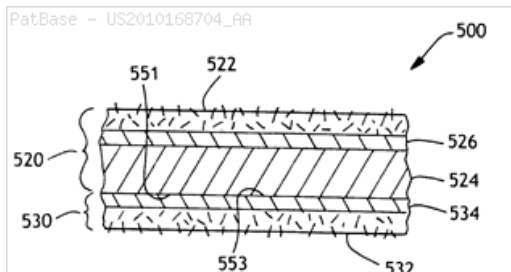
International (IPC 8-9): A61F13/15 A61F13/49 A61F13/56 B29C69/00 B32B25/10 B32B25/16 B32B27/12 B32B27/32 B32B37/12 B32B37/14 B32B37/15 B32B5/02 B32B5/10 D04H1/42 D04H1/4274 D04H1/4374 D04H13/00 D04H3/007 D04H3/14 (Advanced/Invention); A61F13/56 B32B27/12 B32B27/32 B32B37/12 B32B5/10 D04H13/00 (Core/Invention); B32B D04H (Subclass/Invention)

International (IPC 1-7): A61F13/15 B32B27/12 B32B5/10
CPC: Y10T428/31938 A61F13/15593 A61F13/4902 B32B5/022 B32B37/153 B32B38/1858 B32B2038/0076 B32B2255/02 B32B2255/26 B32B2260/023 B32B2262/0253 B32B2274/00 B32B2305/20 B32B2307/51 B32B2310/08 B32B2310/0887 B32B2555/02 B32B5/08 B32B27/08 B32B27/16 B32B27/20 B32B27/302 B32B27/32 B32B27/34 B32B27/36 B32B27/40 B32B2262/0223 B32B2262/0276 B32B2262/0292 B32B2262/14 B32B2307/718 B32B2307/7246 B32B2307/7265 B32B37/144 B32B27/12

European: A61F13/15M2B A61F13/49D2H B32B25/10 B32B25/16 B32B37/14B B32B5/02A L32B255/02 L32B255/26 L32B260/02A1 L32B262/02H L32B274/00 L32B305/20 L32B307/510 L32B310/08 L32B310/08C3 L32B37/15B L32B38/00F6 L32B38/18C L32B555/02

US: 156/273.3 156/273.300S 156/327 156/327S 428/523 428/523S 604/366 604/366P

PatBase - US2010168704_AA

**Family:**

Publication number	Publication date	Application number	Application date
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AU2009334405 AA	20100708	AU20090334405	20091112
BRPI0918345 A	20151215	BR2009PI18345	20091112
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IN05533CN2011 A	20121005	IN2011CN05533	20110729
JP2012513919 T2	20120621	JP20110544094T	20091112
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RU2011131917 A	20130210	RU20110131917	20091112
US2010168704 AA	20100701	US20080347434	20081231
WO10076677 A2	20100708	WO2009IB55045	20091112
WO10076677 A3	20100910	WO2009IB55045	20091112
ZA201103924 A	20120829	ZA20110003924	20110527

Priority:

US20080347434 20081231 WO2009IB55045 20091112

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; SIQUEIRA JOSE AUGUSTO VIDAL DE ; THOMAS OOMMAN P ; VIDAL DE SIQUEIRA JOSE AUGUSTO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): THOMAS OOMAN P ; SIQUEIRA JOSE AUGUSTO VIDAL DE ; VIDAL DE SIQUEIRA JOSE AUGUSTO ; THOMAS OOMMAN P

Inventor(s): THOMAS OOMMAN ; SIQUEIRA JOSE ; OOMMAN P THOMAS ; OOMAN P THOMAS ; JOSE AUGUSTO VIDAL DE SIQUEIRA

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FREEHILLS PATENT ATTORNEY S; FPA PATENT ATTORNEYS PTY LTD; ZIMMERMANN AND PARTNER; KIMBERLY CLARK WORLDWIDE INC TARA POHLKOTTE; SHANE RICHARD M ET AL

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

15) Family number: 57357583 (US2014255658A)

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Title: ROBUST ELASTOMERIC MATERIALS

Abstract: A thin elastomeric laminate can be made by bonding two bilaminate precursors. The bilaminate precursors are made from a thin elastomeric film laminated to a thin nonwoven fabric. Two layers of bilaminate precursor are then bonded such that the free film faces of both precursors are facing one another. The resulting laminates exhibit good robustness and resist the formation of activation pinholes.

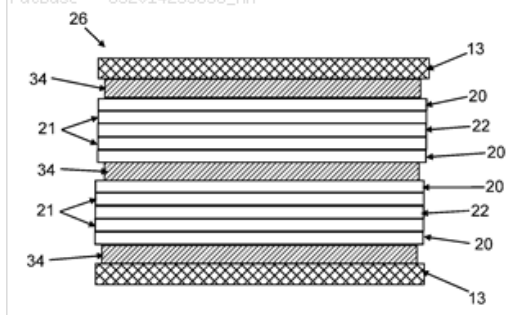
Classifications:

International (IPC 8-9): A61F13/15 A61F13/49 A61F13/514 B32B B32B25/00 B32B27/00 B32B37/02 B32B37/10 B32B37/12 B32B5/02 B32B7/02 B32B7/10 B32B7/12 D04H1/00 D04H1/04 (Advanced/Invention)

CPC: B32B7/12 B32B7/02 B32B37/02 B32B5/022 B32B2250/40 B32B2255/02 B32B2274/00 B32B37/1284 B32B37/153 B32B2305/18 B32B2307/51 Y10T428/24752 B32B27/12 B32B27/32 B32B2307/5825 B32B2555/02

US: 156/182 428/189

PatBase - US2014255658_AA

**Family:**

Publication number	Publication date	Application number	Application date
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AR095244 AA	20150930	AR2014P100854	20140311
BR112015021268 A2	20170718	BR20151121268	20140311
CN105189107 A	20151223	CN201480014148	20140311
EP2969540 A1	20160120	EP20140722816	20140311
IN07570DN2015 A	20160122	IN2015DN07570	20150825
JP2016512478 T2	20160428	JP20160501101T	20140311
MX2015012183 A1	20151130	MX20150012183	20140311
TW201437037 A	20141001	TW20140108487	20140311
US2014255658 AA	20140911	US20140204104	20140311
WO14164583 A1	20141009	WO2014US22915	20140311
ZA201506088 A	20180228	ZA20150006088	20150821

Priority:

US20130775954P 20130311 US20140204104 20140311 WO2014US22915 20140311

Probable Assignee: CLOPAY PLASTICS PRODUCTS CO INC

Assignee(s): (std): CLOPAY PLASTIC PROD CO ; CLOPAY PLASTIC PRODUCTS CO INC ; CLOPAY PLASTICS PRODUCTS CO INC

Assignee(s): PROCTER AND GAMBLE CO

Inventor(s): (std): AUSTRAN JEAN PHILIPPE MARIE ; AUTRAN JEAN PHILIPPE MARIE ; BLAND DAVID G ; DAVID G BLAND ; IYAD MUSET ; JANET NETON ; JEAN PHILIPPE MARIE AUTRAN ; LYAD MUSLET ; MUSLAT IYAD ; MUSLET IYAD ; MUSLET LYAD ; NETON JANET

Inventor(s): AUTRAN JEANPHILIPPE MARIE

Agent(s): FINDLAY ALICE ROSEMARY; JACKSON RANDALL S JR ET AL

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

16) Family number: 55155650 (US2015080820A)

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Title: ABSORBENT ARTICLE HAVING A MULTI LAYERED SIDE SEAM, AND CORRESPONDING MANUFACTURING METHOD

Abstract: An absorbent article, such as a pant diaper, a sanitary pant or an incontinence pant, includes a front part, a back part, and a crotch part. Lateral side portions of the front part and the back part are superposed, so that their inner surfaces face each other, and are joined to each other along side seams extending in a longitudinal direction of the article. The lateral side portions of the front part and/or the back part include at least one layer of nonwoven material which is reinforced in the area of at least one of the side seams.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/20 A61F13/56

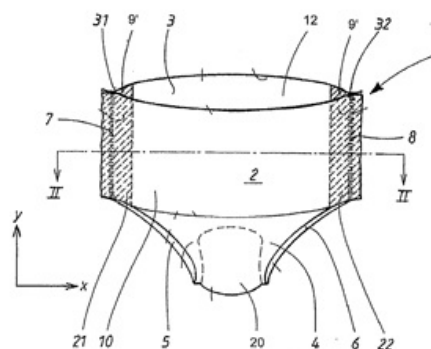
D04H1/00 (Advanced/Invention)

CPC: A61F13/15699 A61F13/15723 A61F13/56 A61F13/565

D04H1/00 Y10T156/10 Y10T156/1051 Y10T156/108

US: 156/157 156/227 156/267 156/60 156/73.1 156/73.3 604/365 604/385.24 604/385.31 604/391

PatBase - US2015080820_AA



Family:

Publication number	Publication date	Application number	Application date
BR112014027939 A2	20180417	BR20141127939	20120508
CN104271099 A	20150107	CN201280073018	20120508
CN104271099 B	20160518	CN201280073018	20120508
DE602012019554 D1	20160728	DE201260019554T	20120508
EP2846750 A1	20150318	EP20120719383	20120508
EP2846750 B1	20160615	EP20120719383	20120508
RU2584522 C1	20160520	RU20140149219	20120508
US2015080820 AA	20150319	US20120395899	20120508
US10085898 BB	20181002	US20120395899	20120508
WO13167170 A1	20131114	WO2012EP58440	20120508

Priority:

EP20120719383 20120508 WO2012EP58440 20120508

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s): (std): FJELDSA PATRIK ; FJELDSAA PATRIK ; SCA HYGIENE PROD AB

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

Inventor(s): (std): FELDSA PATRIK ; FJELDSA PATRIK

Inventor(s): PATRIK ; FJELDSA

Agent(s): HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; HOFFMANN EITLE; BUCHANAN INGERSOLL AND ROONEY PC; SIEGERT GEORG ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU

CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL
IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT
MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM
SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW