

100 Documents

Publication numbers	Title	Current assignees
EP1877017 A1	A pant-type absorbent article	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP3355843 A1	Disposable pant-type absorbent article specially adapted for a male user	ESSITY HYGIENE & HEALTH
EP3544562 A1	Array of gender-specific absorbent articles	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP3544561 A1	Array of absorbent products comprising three or more different sizes	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP1761228 A1	Absorbent article with improved leakage security and fit	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP3600197 A1	An array of disposable pant-type gender-specific absorbent articles	ESSITY HYGIENE & HEALTH
EP3558189 A1	Methods and apparatuses for making elastomeric laminates with elastic strands provided with a spin finish	PROCTER & GAMBLE
EP3600198 A1	Disposable pant-type absorbent article adapted for a male user	ESSITY HYGIENE & HEALTH
EP3346963 A1	A disposable pant-type absorbent article with a leg cuff	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP3547980 A1	A disposable pant-type absorbent article	ESSITY HYGIENE & HEALTH AKTIEBOLAG
DE19735303 A1	Disposable nappy or incontinence pants	PAUL HARTMANN
EP-748197 A1	Absorbent article with multiple zone structural elastic-like film web extensible waist feature	PROCTER & GAMBLE
EP2155134 A1	Absorbent article with leak barriers	SCA HYGIENE PRODUCTS
EP2023876 A2	Biaxially stretchable outer cover for an absorbent article	PROCTER & GAMBLE
EP2086486 A1	Absorbent article comprising an elastic laminate material	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP-729333 A1	Absorbent article with structural elastic-like film web waist belt	PROCTER & GAMBLE
EP1729708 A1	Web materials having both plastic and elastic properties	PROCTER & GAMBLE
EP-590091 A1	Absorbent article with elastic waist with predisposed resilient hinge	PROCTER & GAMBLE
EP2004121 A1	Absorbent article with leak barriers	SCA HYGIENE PRODUCTS
EP1686940 A1	Disposable pull-on garment	PROCTER & GAMBLE
EP2373272 A1	Pull-on article	UNICHARM
EP1626691 A1	Disposable pull-on garment having graphic patch	PROCTER & GAMBLE
EP3349708 A1	Pant-like absorbent article	ESSITY HYGIENE &

Publication numbers	Title	Current assignees
		HEALTH AKTIEBOLAG
EP2572689 A1	Disposable wearing article	UNICHARM
CN101822592 A	Underpants type absorption product	SCA HYGIENE PRODUCTS
EP1729605 A1	Disposable absorbent articles with zones comprising elastomeric components	PROCTER & GAMBLE
EP3294246 A1	Absorbent article in the form of pants, such as nappy pants, sanitary pants or incontinence pants	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP1663091 A1	Edge fold having substantially uniform gathers for absorbent article and method for making	PROCTER & GAMBLE
EP-797423 A2	Absorbent article with fit enhancement system	PROCTER & GAMBLE
EP2866759 A1	Apparatus and method for making a layered elastic substrate	PROCTER & GAMBLE
EP2517681 A1	Wearing article	UNICHARM
EP1075240 A1	Absorbent articles providing improved fit when wet	PROCTER & GAMBLE
EP3544560 A1	Absorbent article with folded edges to enclose elastic elements and method for manufacturing an absorbent article with folded edges	ESSITY HYGIENE & HEALTH
EP2236113 A1	Absorbent article	UNICHARM
EP1009350 A1	Absorbent article fastening device	PROCTER & GAMBLE
EP2301500 A1	Method of making wearing article	UNICHARM
EP2131803 A1	Elastic absorbent article and a method for its manufacture	SCA HYGIENE PRODUCTS
EP-902674 A4	Disposable pull-on pant	PROCTER & GAMBLE
DE19732551 A1	Nappy or incontinence pants having hourglass-shaped part	PAUL HARTMANN
EP1858462 A1	A pant-type absorbent article and method for its manufacture	ESSITY HYGIENE & HEALTH AKTIEBOLAG
WO200402386 A1	Disposable absorbent article having elasticized outer leg cuff	PROCTER & GAMBLE
EP1691752 A1	An elastic composite for a disposable absorbent garment	DSG TECHNOLOGY HOLDINGS
EP-674499 A1	Absorbent article having an upstanding transverse partition	PROCTER & GAMBLE
EP3256087 A1	Pant-type absorbent article	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP2830563 A1	Undergarment having zones with different longitudinal elongation	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP2376042 A1	Reusable outer cover for an absorbent article having zones of varying properties	PROCTER & GAMBLE
EP-959855 A1	Elastomeric side panel for use with convertible absorbent articles	PROCTER & GAMBLE
CN101803978 A	Underpants type absorption product	SCA HYGIENE PRODUCTS
EP2286774 A1	Wearing article and method of folding the same	UNICHARM
WO201124542 A1	Wearing article	UNICHARM

Publication numbers	Title	Current assignees
US20020188268 A1	Elastomeric side panel for use with convertible absorbent articles	PROCTER & GAMBLE
WO2012117710 A1	Absorbent wearing article	UNICHARM
EP3212143 A1	A pant-type absorbent article comprising an elastic laminate	ESSITY HYGIENE & HEALTH AKTIEBOLAG
EP2701656 A2	Absorbent article with leg gasketing cuff	PROCTER & GAMBLE
EP2415429 A1	Absorbent article	UNICHARM
EP-662811 A1	Absorbent article with dynamic elastic feature comprising elasticized hip panels	PROCTER & GAMBLE
EP-952805 A1	Disposable diaper with integral backsheet landing zone	PROCTER & GAMBLE
EP-782422 A1	Absorbent article having inflected barrier cuffs	PROCTER & GAMBLE
EP-699061 A1	Absorbent article with elastic feature having a prestrained web portion	PROCTER & GAMBLE
EP2301501 A1	Method of making wearing article and this wearing article	UNICHARM
EP2236112 A1	Absorbent article	UNICHARM
EP-701425 A1	Diapers having z-folded barrier cuffs providing improved fit and containment	PROCTER & GAMBLE
EP3049038 A1	Apparatus and method for isolating a broken elastic strand	PROCTER & GAMBLE
EP2671553 A1	Disposable underwear-type article for wearing	UNICHARM
EP2288322 A1	Absorbent article comprising a design field	PROCTER & GAMBLE
EP2286775 A1	Absorbent article	UNICHARM
EP1550425 A1	Absorbent article having decorative element	UNICHARM
EP2520259 A1	Diaper	UNICHARM
EP3240513 A1	Absorbent article having stretchable panels and method of making same	KIMBERLY CLARK
WO200594752 A1	Wearing article	UNICHARM
EP2849710 A2	Absorbent article having multiple graphic zones	PROCTER & GAMBLE
EP1284855 A2	Method and apparatus for producing laminated articles	KIMBERLY CLARK
EP1140662 A1	Packaging of flexible articles	KIMBERLY CLARK WORLDWIDE
US20020151858 A1	Absorbent articles for various torso sizes	FIRST QUALITY PRODUCTS
EP2275065 A1	Disposable absorbing wearing article	UNICHARM
EP-820747 A1	Absorbent article with elastic feature	PROCTER & GAMBLE
US5690627 A	Absorbent article with fit enhancement system	PROCTER & GAMBLE
EP-796069 A1	Absorbent article having a releasable pocket cuff	PROCTER & GAMBLE
EP1626690 A1	Disposable pull-on garment	PROCTER & GAMBLE
EP1476113 A1	Elastic absorbent pants	SCA HYGIENE PRODUCTS
EP2849697 A1	Absorbent articles having a belt portion with a texture zone	PROCTER & GAMBLE

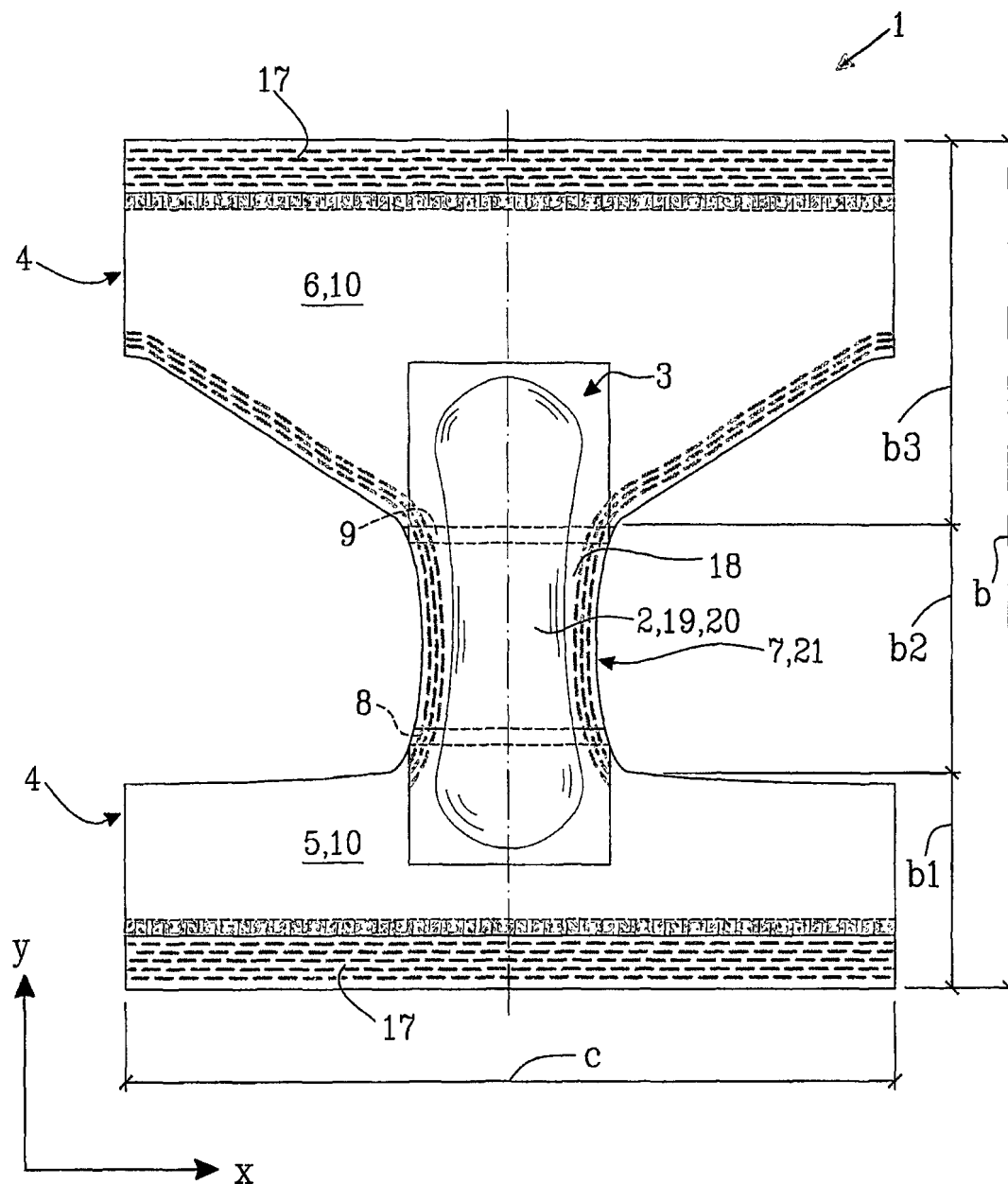
Publication numbers	Title	Current assignees
	having a texture ratio	
EP1761224 A1	Pant-type disposable absorbent hygiene article	PAUL HARTMANN
EP1686939 A1	Disposable pull-on garment	PROCTER & GAMBLE
EP-886509 A2	Disposable pull-on pant	PROCTER & GAMBLE
EP2223672 A1	Absorbent article	UNICHARM
EP2482777 A1	Wearing article	UNICHARM
WO201939981 A1	An array of disposable pant-type gender-specific absorbent articles	ESSITY HYGIENE & HEALTH
EP-681820 A2	Disposable absorbent article	UNICHARM
EP-959844 A1	Diaper having an improved leg cuff	PROCTER & GAMBLE
EP-715512 A1	Absorbent article having composite elasticized member	PROCTER & GAMBLE
EP2269549 A1	Absorptive article	UNICHARM
EP2260812 A1	Disposable absorbing wearing article	UNICHARM
EP-627905 A1	Absorbent article with elastic waist feature and enhanced absorbency	PROCTER & GAMBLE
EP2112917 A2	Diaper having abdominal stretch panels	PROCTER & GAMBLE
EP2412340 A1	Bodily fluid treatment material and wearing article including same	UNICHARM
EP2223671 A1	Wear article	UNICHARM
EP2258326 A1	Absorbent article	UNICHARM
EP3233006 A1	Absorbent article	ESSITY HYGIENE & HEALTH AKTIEBOLAG
WO200802840 A2	Shaped side panel for disposable absorbent article	DSG TECHNOLOGY HOLDINGS
EP-901360 A1	Method for forming a composite elastic material	PROCTER & GAMBLE

Family 1/100 - FAMPAT - ©Questel

Title

(EP1877017)

A pant-type absorbent article

Images**Publication numbers with kind code & date**

MY164349	A	2017-12-15	MY-164349
MY164353	A	2017-12-15	MY-164353
IN275779	B	2016-09-23	IN-275779
MY157025	A	2016-04-15	MY-157025
BRPI0520063	B1	2015-12-22	BR200520063
PL2581070	T3	2014-11-28	PL2581070
ES2505765	T3	2014-10-10	ES2505765
EP2581070	B1	2014-06-25	EP2581070
PL1877017	T3	2014-01-31	PL1877017
CA2598797	C	2014-01-07	CA2598797
ES2433279	T3	2013-12-10	ES2433279
TWI412350	B	2013-10-21	TWI412350



EP1877017	B1	2013-08-07	EP1877017				
US20130165895	A1	2013-06-27	US20130165895				
US8444617	B2	2013-05-21	US8444617				
EP2581070	A1	2013-04-17	EP2581070				
AU2005328389	B2	2011-06-09	AU2005328389				
US7785307	B2	2010-08-31	US7785307				
US20100130956	A1	2010-05-27	US20100130956				
NZ556412	A	2009-12-24	NZ-556412				
RU2361559	C2	2009-07-20	RU2361559				
BRPI0520063	A2	2009-04-14	BR200520063				
RU2007136346	A	2009-04-10	RU2007136346				
TNSN07332	A1	2008-12-31	TN0700332				
JP2008531178	A	2008-08-14	JP2008531178				
CN101119690	A	2008-02-06	CN101119690				
EP1877017	A1	2008-01-16	EP1877017				
US20070293833	A1	2007-12-20	US20070293833				
MX2007009082	A	2007-09-12	MX2007009082				
IN5503/DELNP/2007	A	2007-08-17	IN2007DN05503				
AR054732	A1	2007-07-11	AR--54732				
TW200638918	A	2006-11-16	TW200638918				
AU2005328389	A1	2006-09-08	AU2005328389				
CA2598797	A1	2006-09-08	CA2598797				
WO2006/093439	A1	2006-09-08	WO200693439				

Abstract

(EP1877017)

A pant-type absorbent article (1) having an absorbent assembly (3) comprising an absorbent core (2) and a chassis (4). The chassis (4) comprises a front portion (5) and a back portion (6), wherein the front and back portions (5; 6) 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 (5; 6) comprises an elastic web material (10). The article further comprises a crotch portion (7) located between the front portion (5) and the back portion (6) in the longitudinal direction of the article, said front portion (5) having a length (b1) in the longitudinal direction, said back portion (6) having a length (b3) in the longitudinal direction, and said crotch portion (7) having a length (b2) in the longitudinal direction. The absorbent assembly (3) lies at least in said crotch portion (7) and overlaps a certain distance with both the front and back portions (5; 6). According to one embodiment, the absorbent assembly (3) overlaps no more than 20 %, preferably no more than 10 %, of the surface area of each of the front and back portions, as measured in an extended state of the article.

Inventors

WENNERBAECK MARGARETA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

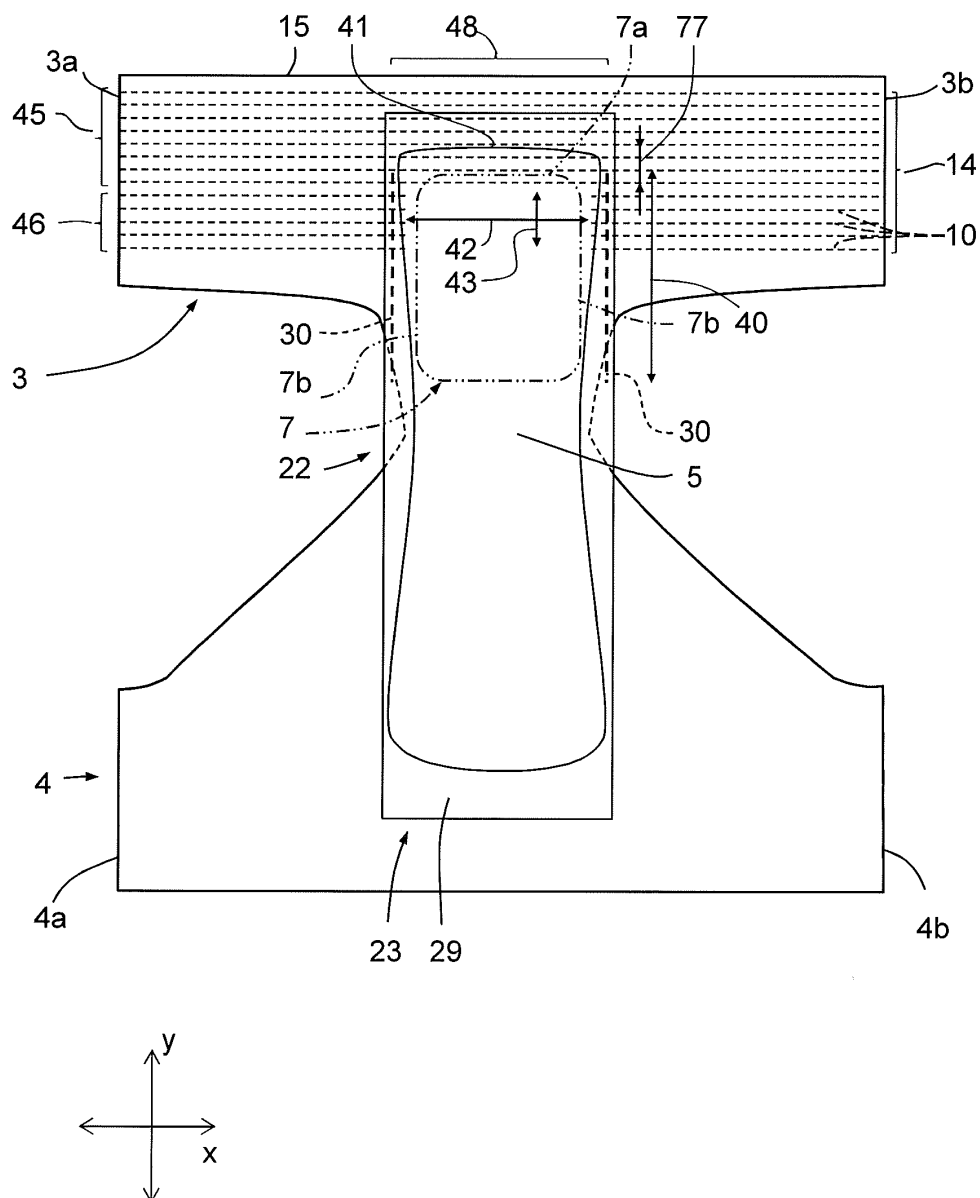
Family 2/100 - FAMPAT - ©Questel

Title

(EP3355843)

Disposable pant-type absorbent article specially adapted for a male user

Images



Publication numbers with kind code & date

RU2685022	C1	2019-04-16	RU2685022
EP3355843	A4	2019-03-20	EP3355843
AU2015410598	B2	2018-11-22	AU2015410598
JP2018534027	A	2018-11-22	JP2018534027
US20180303681	A1	2018-10-25	US20180303681
BR112018006124	A2	2018-10-23	BR112018006124
CO2018003067	A2	2018-08-10	CO2018003067
EP3355843	A1	2018-08-08	EP3355843
MX2018003849	A	2018-06-15	MX2018003849
CN108135755	A	2018-06-08	CN108135755
KR20180059829	A	2018-06-05	KR20180059829
BR112018006124	A1	2018-04-10	BR112018006124
AU2015410598	A1	2018-04-05	AU2015410598
IN201847009810	A	2018-03-23	IN201847009810
CA3000144	A1	2017-04-06	CA3000144
WO2017/058069	A1	2017-04-06	WO201758069



Abstract

(EP3355843)

The disclosure concerns a disposable pant-type absorbent article (1) such as a pant diaper, a sanitary pant or incontinence pant specially adapted for a male user. The disposable pant-type absorbent article comprises a chassis having a front section and a back section, an absorbent core, a front region configured for receiving the genitals of a male user, a longitudinal direction (y) and a transverse direction (x), in which the front section (3) at least partly is made of an elastic material comprising at least one elastic element. A first portion of the elastic material extends over at least a central portion of the absorbent article for pressing a front portion of the absorbent core towards a user during use of the absorbent article. A second portion of an elastic material is located more towards a back than the first portion and includes at least one elastic element extending along the transverse sides of at least part of the front region (7). The absorbent article further comprises at least one elongated side elastic element attached in a substantially longitudinal direction on each transverse side (7a, 7b) of the front region (7) for providing a side gathering effect along the transverse sides (7a, 7b) of the front region (7), such that the absorbent core within the front region, under the influence of the side elastic elements (30) and the elastic web material is adapted to bulge outwardly during use of the article to form a bowl shaped portion for receiving the genitals of a male user. The disclosure also concerns a corresponding method for manufacturing the absorbent article.

Inventors

BÄCK LUCAS

Latest standardized assignees - inventors removed

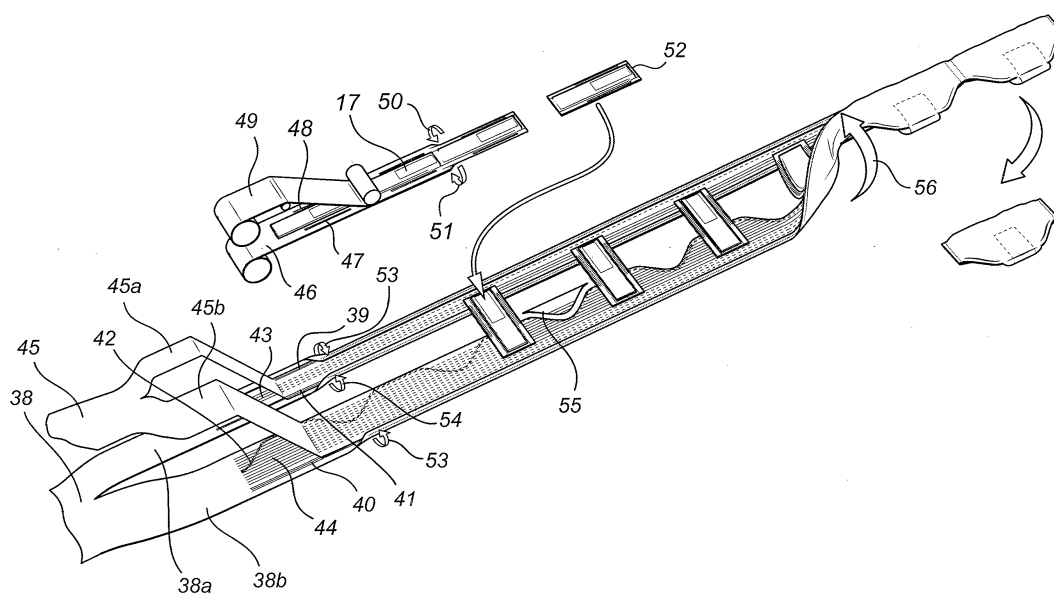
ESSITY HYGIENE & HEALTH

Family 3/100 - FAMPAT - ©Questel

Title

(EP3544562)

Array of gender-specific absorbent articles

Images**Publication numbers with kind code & date**

RU2711679	C1	2020-01-21	RU2711679
JP2019536548	A	2019-12-19	JP2019536548
JP2019535433	A	2019-12-12	JP2019535433
US20190314215	A1	2019-10-17	US20190314215
US20190314216	A1	2019-10-17	US20190314216
EP3544562	A1	2019-10-02	EP3544562



EP3544563	A1	2019-10-02	EP3544563				
CO2019005222	A2	2019-08-09	CO2019005222				
AU2016430215	B2	2019-08-08	AU2016430215				
BR112019009696	A2	2019-08-06	BR112019009696				
CN110022819	A	2019-07-16	CN110022819				
MX2019005968	A	2019-07-10	MX2019005968				
BR112019008631	A2	2019-07-09	BR112019008631				
CN109982667	A	2019-07-05	CN109982667				
AU2016430215	A1	2019-05-23	AU2016430215				
BR112019009696	A1	2019-05-21	BR112019009696				
BR112019008631	A1	2019-05-07	BR112019008631				
WO2018/097772	A1	2018-05-31	WO201897772				
WO2018/097776	A1	2018-05-31	WO201897776				

Abstract

(EP3544562)

The disclosure relates to an array of gender-specific disposable absorbent articles (1; 1'), said array comprising: a first disposable absorbent article (1) adapted to be worn by males, the article (1) having, in its longitudinal direction, a front portion (3), a back portion (4) and a crotch portion (5) between the front portion (3) and the back portion (4), and a first elastic component (31) configured for providing fit and comfort of the article (1) to a male user; and a second disposable absorbent article (1') adapted to be worn by females, the article (1') having, in its longitudinal direction, a front portion (3'), a back portion (4') and a crotch portion (5') between the front portion (3') and the back portion (4'), and a second elastic component (31') configured for providing fit and comfort of the article (1') to a female user; said first elastic component (31) and said second elastic component (31') comprising a plurality of elastic elements (31a-e; 31'a-g) extending at least partly along each article (1; 1'). According to the invention, the first elastic component (31) and the second elastic component (31') differ from each other in at least the positioning or the elastic strength of said elastic elements (31a-e; 31'a-g). Also, the disclosure relates to a method for manufacturing an array as mentioned above.

Inventors

BÄCK LUCAS

KLINTE OLSSON ANNA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

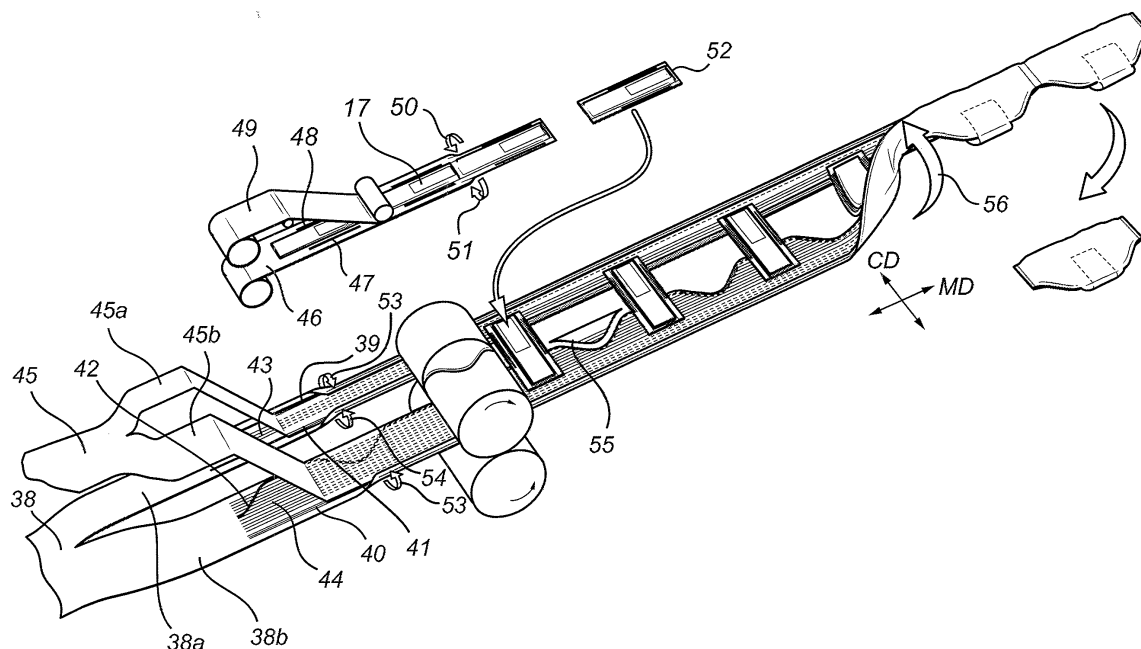
Family 4/100 - FAMPAT - ©Questel

Title

(EP3544561)

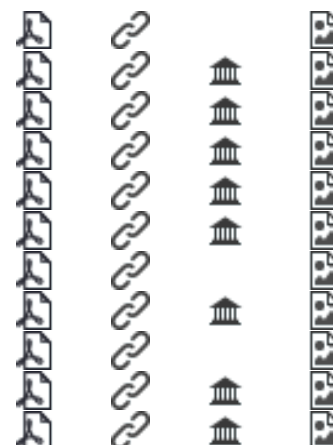
Array of absorbent products comprising three or more different sizes

Images



Publication numbers with kind code & date

RU2711069	C1	2020-01-16	RU2711069
JP2019536549	A	2019-12-19	JP2019536549
US20190314223	A1	2019-10-17	US20190314223
EP3544561	A1	2019-10-02	EP3544561
BR112019008006	A2	2019-10-01	BR112019008006
AU2016430794	B2	2019-08-22	AU2016430794
MX2019005963	A	2019-07-10	MX2019005963
CN109982668	A	2019-07-05	CN109982668
CO2019005214	A2	2019-05-31	CO2019005214
AU2016430794	A1	2019-05-23	AU2016430794
WO2018/097770	A1	2018-05-31	WO201897770



Abstract

(EP3544561)

It is disclosed an array of products comprising three or more different sizes of disposable pant- type absorbent articles(1), the array comprises:a first package comprising a plurality of first disposable pant-type absorbent articles;a second package comprising a plurality of second disposable pant-type absorbent articles;a third package comprising a plurality of third disposable pant-type absorbent articles,wherein each of the first and second and third disposable pant-type absorbent articles comprises a chassis with a front portion (3) and a back portion(4), and an absorbent body (5) attached to the chassis, and a length direction (y) and a width direction(x),wherein the size of the front and rear portion of the first disposable pant- type absorbent articles is smaller than the size of the front and rear portion of the second disposable pant-type absorbent articles,wherein the size of the front and rear portion of the third disposable pant-type absorbent articles is larger than the size of the front and rear portion of the second disposable pant-type absorbent articles, andwherein each of the front and back portions has a waist edge(7,8), a pair of leg edges (9,10;13,14) and a pair of side edges (11,12; 15,16)andwherein a distance (K), in the length direction (y), between the leg edge of the front portion and the leg edge of the back portion,is common for all disposable pant-type absorbent articles of the array of packageswhen the disposable pant type absorbent articles are in a flat-out uncontracted stateand said distance (K) is measured by one of the side edges. Elected for publication Fig.5a-5c

Inventors

BÄCK LUCAS

Latest standardized assignees - inventors removed

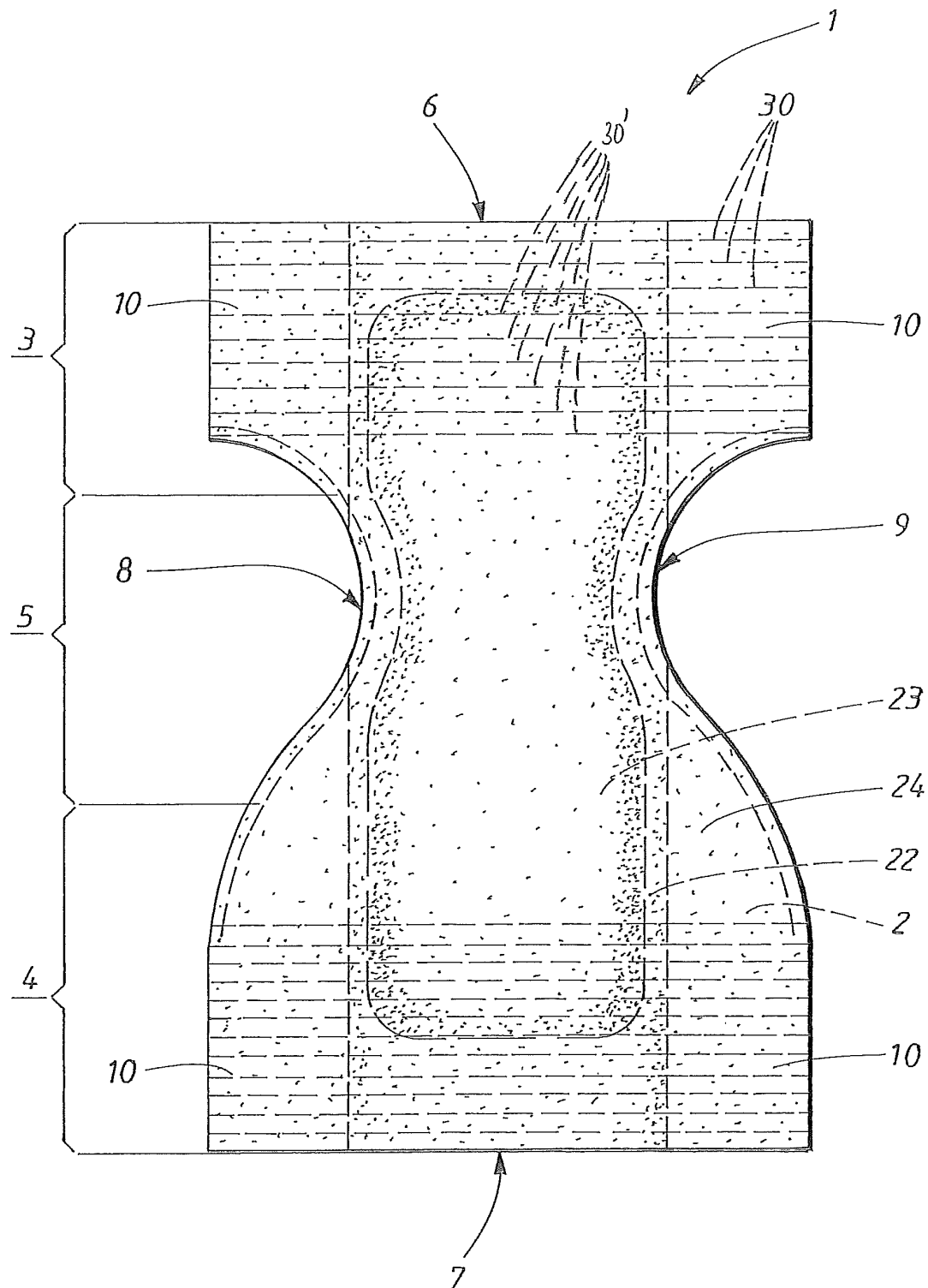
ESSITY HYGIENE & HEALTH AKTIEBOLAG

Family 5/100 - FAMPAT - ©Questel

Title

(EP1761228)

Absorbent article with improved leakage security and fit

Images**Publication numbers with kind code & date**

PL1761228	T3	2012-12-31	PL1761228
EP1761228	B1	2012-07-18	EP1761228
US8092440	B2	2012-01-10	US8092440
CN1976666	B	2011-09-28	CN1976666B
RU2345749	C2	2009-02-10	RU2345749
RU2006146987	A	2008-07-20	RU2006146987



RU2006146987	A	2008-07-20	RU2006146987				
JP2008504058	A	2008-02-14	JP2008504058				
US20070239131	A1	2007-10-11	US20070239131				
CN1976666	A	2007-06-06	CN1976666				
MXPA06013940	A	2007-03-15	MX2006PA013940				
EP1761228	A1	2007-03-14	EP1761228				
WO2006/001737	A1	2006-01-05	WO200601737				

Abstract

(EP1761228)

An absorbent article of the kind which is worn as a pair of absorbent pants with a waist opening (14) defined by a rear waist edge (7) and a front waist edge (6), and two leg openings (16), and comprising an absorbent body attached to a covering (2), the covering comprising an elastic material arranged within an area which extends at least from the front waist edge (6) to the leg openings (16). The elastic material (2, 30) has been treated and by virtue of this has no or reduced elasticity within a portion of the covering (2; 24) overlapping the absorbent core (23).

Inventors

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Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

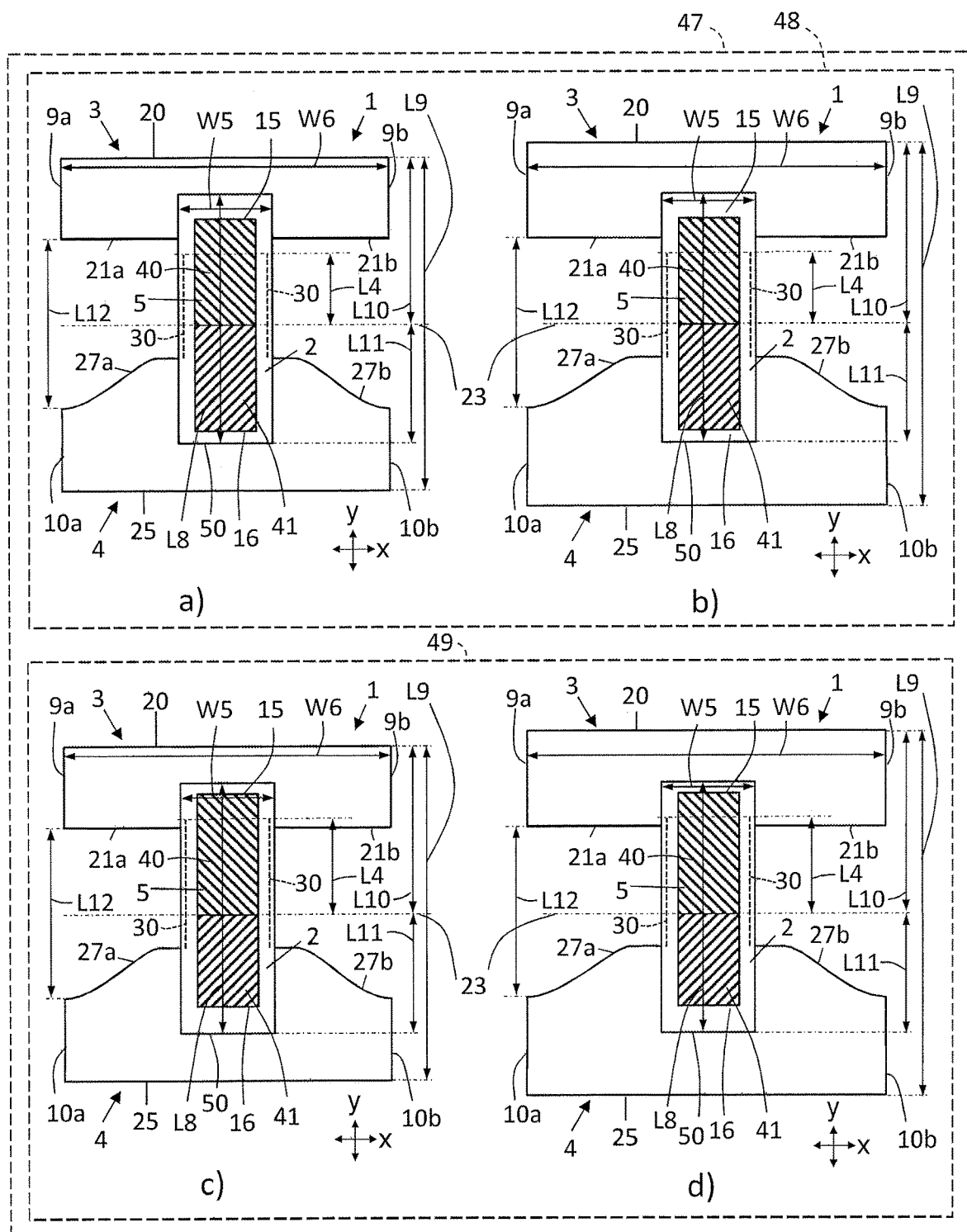
Family 6/100 - FAMPAT - ©Questel

Title

(EP3600197)

An array of disposable pant-type gender-specific absorbent articles

Images



Publication numbers with kind code & date

EP3600197	A1	2020-02-05	EP3600197
US20200022850	A1	2020-01-23	US20200022850
CN110325157	A	2019-10-11	CN110325157
CO2019010332	A2	2019-10-09	CO2019010332
AU2017407750	A1	2019-09-12	AU2017407750
BR112019017733	A1	2019-09-03	BR112019017733
WO2018/182470	A1	2018-10-04	WO2018182470



Abstract

(EP3600197)

The invention relates to an array (47) of disposable pant-type gender-specific absorbent articles (1) adapted for female and male users. The array (47) comprises a first subarray (48) of absorbent articles (1) including a first size absorbent article (1) adapted for female users and a second size absorbent article (1) adapted for female users, wherein the second size is

larger than the first size. The array (47) further comprises a second subarray (49) of absorbent articles (1) including a third size absorbent article (1) for male users and a fourth size absorbent article (1) adapted for male users, wherein the fourth size is larger than the third size. The disclosure also relates to an array of packages (46) comprising the array of disposable pant-type gender-specific absorbent articles (1).

Inventors

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KLINTE OLSSON ANNA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH

Family 7/100 - FAMPAT - ©Questel

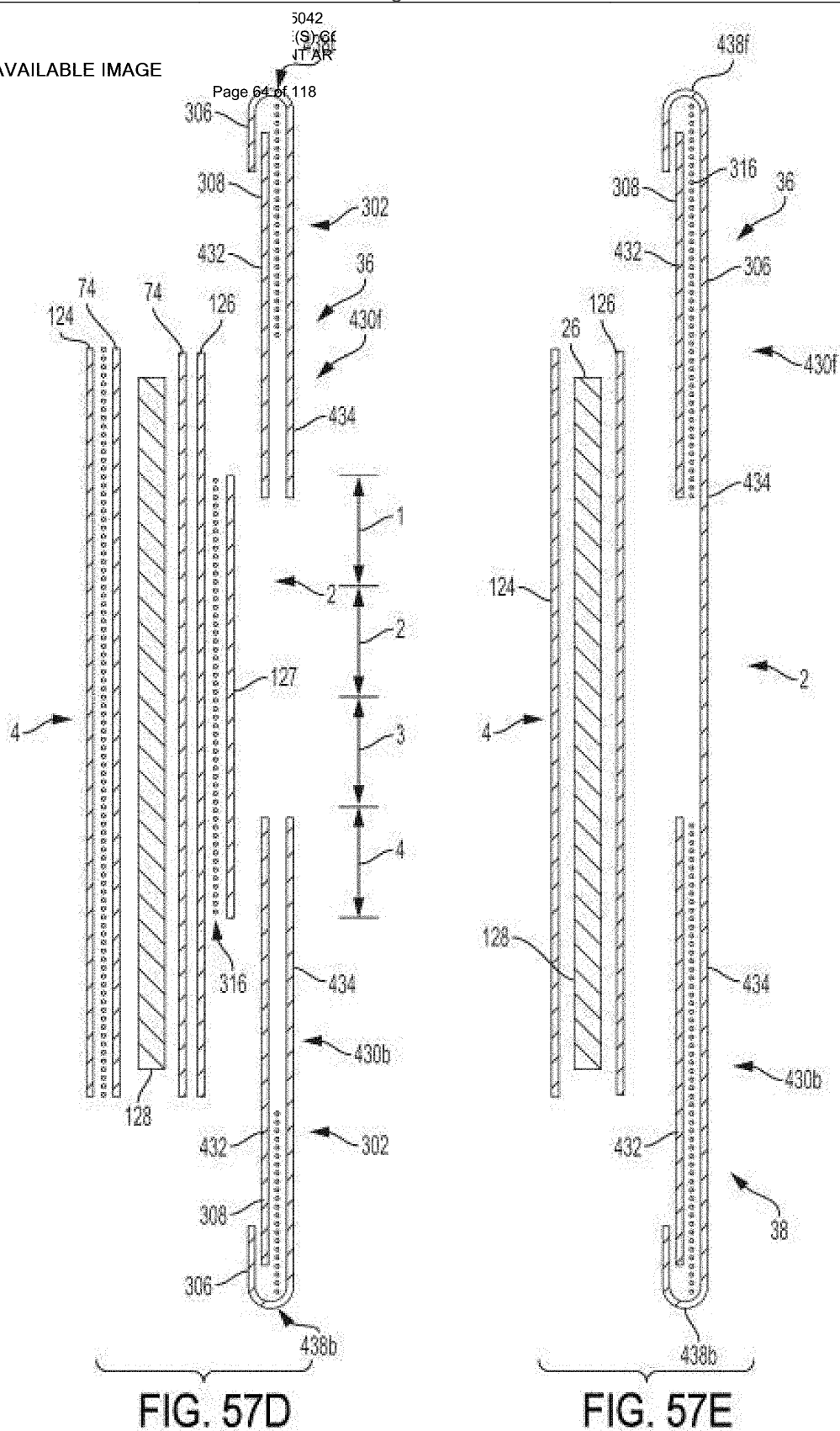
Title

(EP3558189)

Methods and apparatuses for making elastomeric laminates with elastic strands provided with a spin finish

Images

BEST AVAILABLE IMAGE



Publication numbers with kind code & date

JP2020500654	A	2020-01-16	JP2020500654
JP2020500655	A	2020-01-16	JP2020500655
JP2020500661	A	2020-01-16	JP2020500661
JP2020500662	A	2020-01-16	JP2020500662
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BR112019012074	A2	2019-11-12	BR112019012074



EP3558189	A1	2019-10-30	EP3558189				
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BR112019012088	A2	2019-10-29	BR112019012088				
DE112017006446	T5	2019-09-12	DE112017006446				
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IN201917016479	A	2019-08-09	IN201917016479				
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CN110022816	A	2019-07-16	CN110022816				
CN110022817	A	2019-07-16	CN110022817				
CN110022820	A	2019-07-16	CN110022820				
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CA3041764	A1	2018-06-28	CA3041764				
CA3041928	A1	2018-06-28	CA3041928				
WO2018/118413	A1	2018-06-28	WO2018118413				
WO2018/118414	A1	2018-06-28	WO2018118414				
WO2018/118429	A1	2018-06-28	WO2018118429				
WO2018/118431	A1	2018-06-28	WO2018118431				
WO2018/118518	A1	2018-06-28	WO2018118518				
WO2018/118573	A1	2018-06-28	WO2018118573				
WO2018/118869	A1	2018-06-28	WO2018118869				
WO2018/118870	A1	2018-06-28	WO2018118870				
WO2018/118872	A1	2018-06-28	WO2018118872				
WO2018/118882	A1	2018-06-28	WO2018118882				
WO2018/118883	A1	2018-06-28	WO2018118883				

WO2018/118884	A1	2018-06-28	WO2018118884				
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WO2018/118886	A1	2018-06-28	WO2018118886				
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US20180169964	A1	2018-06-21	US20180169964				
US20180170026	A1	2018-06-21	US20180170026				
US20180170027	A1	2018-06-21	US20180170027				

Abstract

(EP3558189)

The present disclosure relates to methods for making elastomeric laminates that may be used as components of absorbent articles. The methods and apparatuses may be configured with a plurality of elastic strands wound onto a beam, wherein one or more elastic strands comprises a spin finish. During assembly of an elastomeric laminate, the beam is rotated to unwind the elastic strands from the beam. A portion of the spin finish may be removed from the advancing elastic strand with a spin finish removal apparatus. The spin finish removal apparatus may be configured to apply detergent to an advancing elastic strand and may also wipe and/or dry the advancing elastic strand. The treated stretched elastic strand may then be connected between a first substrate and a second substrate. In some configurations, adhesive may be applied to the treated the elastic strand, the first substrate, and/or the second substrate.

Inventors

SCHNEIDER UWE

ECKSTEIN JOSEPH ALLEN

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 8/100 - FAMPAT - ©Questel

Title

(EP3600198)

Disposable pant-type absorbent article adapted for a male user

Images

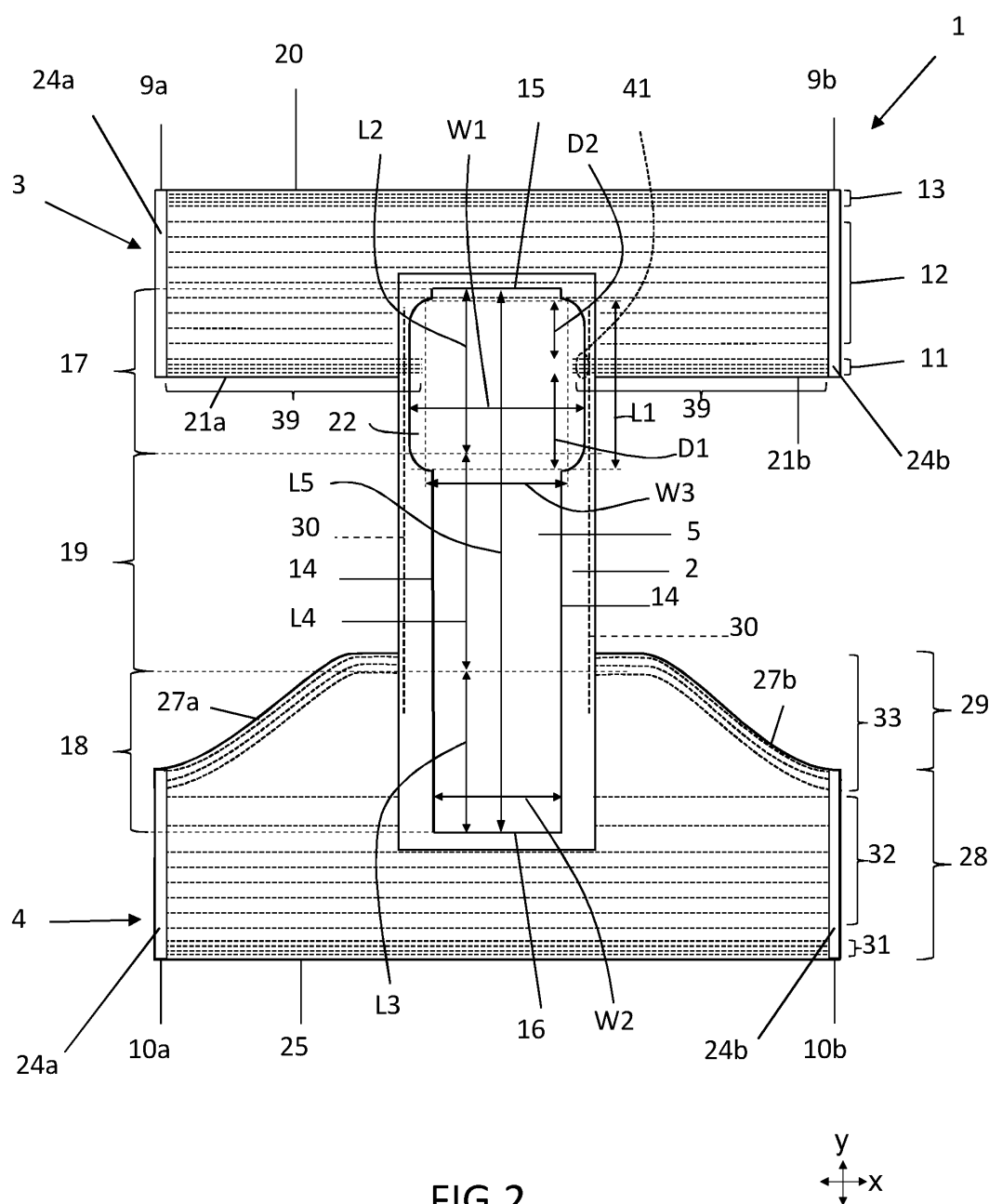


FIG.2

Publication numbers with kind code & date

EP3600198	A1	2020-02-05	EP3600198
CN110337285	A	2019-10-15	CN110337285
CO2019010324	A2	2019-10-09	CO2019010324
AU2017407749	A1	2019-09-12	AU2017407749
BR112019017641	A1	2019-09-03	BR112019017641
CA3053762	A1	2018-10-04	CA3053762
WO2018/182469	A1	2018-10-04	WO2018182469



Abstract

(EP3600198)

The invention relates to a disposable pant-type absorbent article (1), such as a pant diaper, a sanitary pant or incontinence pant being adapted for a male user, and a method for manufacturing such a disposable pant-type absorbent article (1). The disposable pant-type absorbent article (1) is characterised in that the absorbent core (5) of the article (1) has a wide portion (22) in the front segment (17). The article (1) is further characterised in that the laminated web material of the front panel (3) of the article (1) has a first at least partly elastic region (11) extending primarily in the transverse direction and being

located adjacent the leg edges (21 a, 21 b) of the front panel (3), and a second at least partly elastic region (12) extending primarily in the transverse direction and being located next to the first elastic region (11) and closer to the waist edge (20) of the front panel. The first at least partly elastic region (11) is distinct from the second at least partly elastic region (12) in terms of at least one structural elastic feature. An elasticised part (39) of the laminated web material of the first at least partly elastic region (11) or an inner imaginary extension (23) of the elasticised part (39) meet a longitudinal core edge (14) in said wide portion (22) of the core (5).

Inventors

BÄCK LUCAS

KLINTE OLSSON ANNA

ERIKSSON KATARINA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH

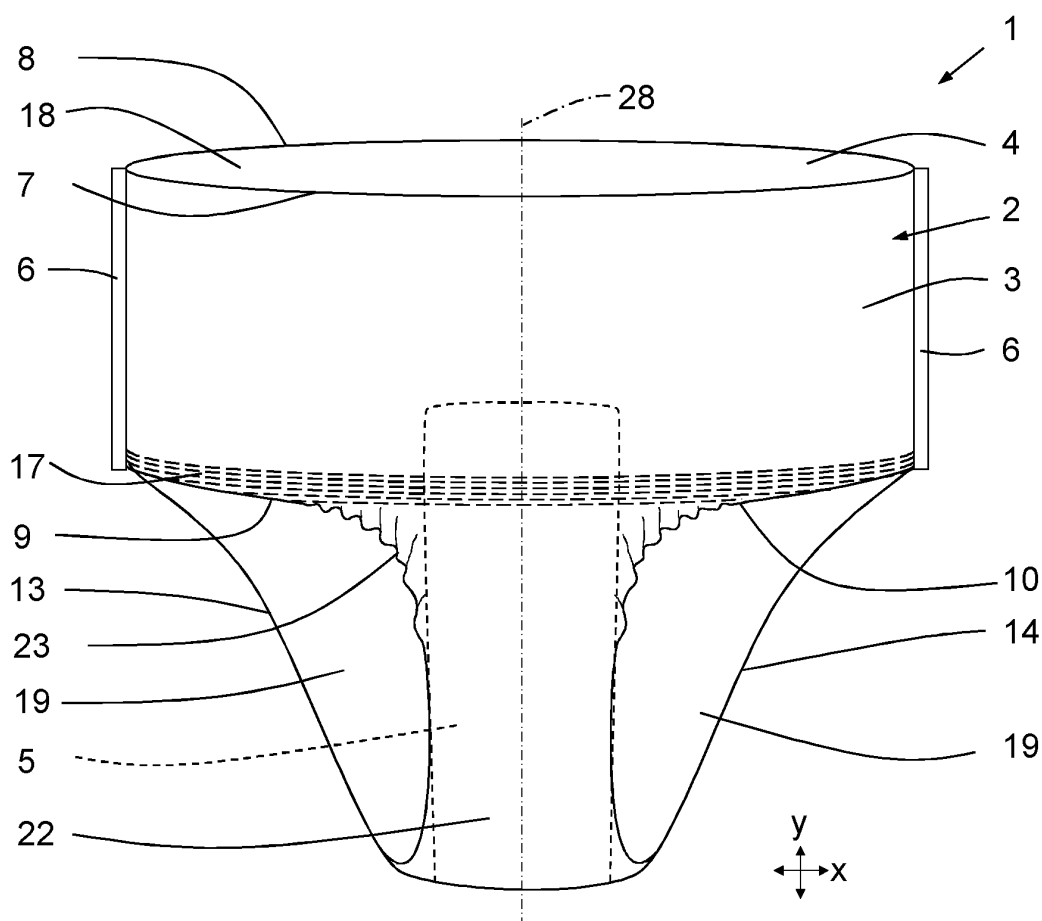
Family 9/100 - FAMPAT - ©Questel

Title

(EP3346963)

A disposable pant-type absorbent article with a leg cuff

Images



Publication numbers with kind code & date

RU2692881	C1	2019-06-28	RU2692881
EP3346963	A4	2019-05-08	EP3346963
AU2015408538	B2	2019-02-07	AU2015408538
JP2018530376	A	2018-10-18	JP2018530376
BR112018003435	A2	2018-09-25	BR112018003435
US20180200121	A1	2018-07-19	US20180200121
EP3346963	A1	2018-07-18	EP3346963



MX2018002934	A	2018-06-18	MX2018002934				
CN108135756	A	2018-06-08	CN108135756				
CO2018002745	A2	2018-05-31	CO2018002745				
BR112018003435	A1	2018-04-03	BR112018003435				
AU2015408538	A1	2018-03-08	AU2015408538				
WO2017/044022	A1	2017-03-16	WO201744022				

Abstract

(EP3346963)

The disclosure concerns a disposable pant-type absorbent article (1) such as a pant diaper, a sanitary pant or incontinence pant. The article comprises a chassis (2) and an absorbent body (5). The chassis (2) has a front portion (3) and a back portion (4) and each of the front and back portions (3, 4) has a waist edge (7, 8), a pair of leg edges (9, 10, 13, 14) and a pair of side edges (11, 12, 15, 16). The front and back portions (3, 4) are joined to each other at opposite side edges (11, 12, 15, 16) to at least partly define a waist-opening (18) and a pair of leg-openings (19). The absorbent body (5) is located mainly in a crotch portion (22) of the article (1). An elastic leg feature (17, 20) is fastened to the chassis (2) at least partly along leg edges (9, 10, 13, 14), and the article (1) has a longitudinal direction (y) and a transverse direction (x). The elastic leg feature (17, 20) extends from the associated side edge (11, 12, 15, 16) towards a centre line (28) in the longitudinal direction (y) of the article (1). A portion of the leg elastic feature (17, 20) having a first length (L1), in which a distance (D) between any point of each leg edge (9, 10, 13, 4) to the nearest part of the elastic leg feature (17, 20), in a longitudinal direction, is less than 6 millimetres, specifically less than 5 millimetres, and more specifically less than 4 millimetres. The first length (L1) is at least 55% of a maximal length (L2) of the leg opening (19) in the transverse direction (x), as measured in an extended state of the absorbent article (1). The disclosure also relates to a corresponding method of manufacturing a pant-type absorbent article, as well as an array of gender-specific, disposable, absorbent articles.

Inventors

BÄCK LUCAS

ERIKSSON KATARINA

KLINTE OLSSON ANNA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

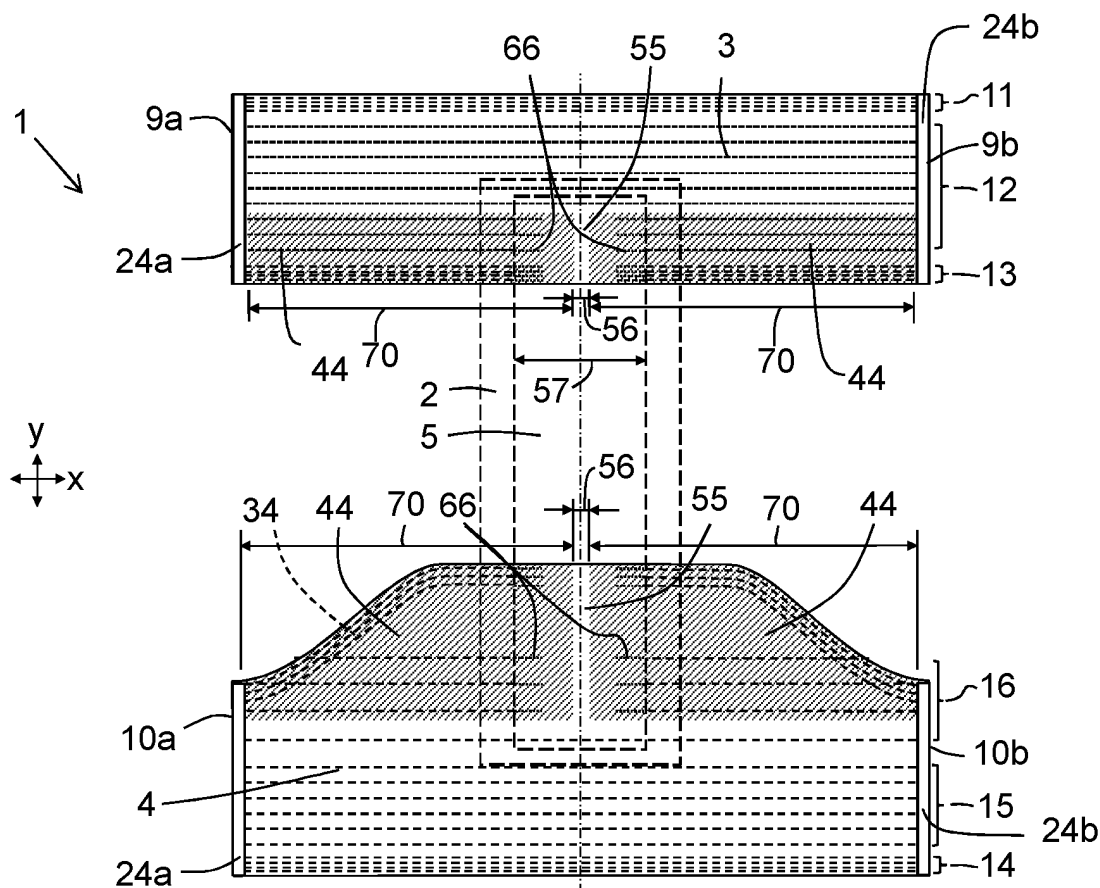
Family 10/100 - FAMPAT - ©Questel

Title

(EP3547980)

A disposable pant-type absorbent article

Images



Publication numbers with kind code & date

JP2019536575	A	2019-12-19	JP2019536575
US10485708	B2	2019-11-26	US10485708
EP3547980	A1	2019-10-09	EP3547980
BR112019010941	A2	2019-10-01	BR112019010941
US20190262189	A1	2019-08-29	US20190262189
CN110022815	A	2019-07-16	CN110022815
WO2018/106160	A1	2018-06-14	WO2018106160



Abstract

(EP3547980)

The invention relates to a disposable pant-type absorbent article (1) such as a pant diaper, a sanitary pant or incontinence pant, having a longitudinal direction (Y) and a transverse direction (X). Said disposable pant-type absorbent article comprises: a chassis made of laminated web material and having a front section (3) and a back section (4), an absorbent insert (2) located mainly in a crotch portion of the absorbent article (1) and connected to the front and back sections (3, 4) and having an absorbent core (5), wherein a region (31, 23) of the front and/or back section (3, 4) is made of a laminated elastic web material comprising a plurality of elastic threads extending from a location adjacent a first lateral side of the front and/or back section (3, 4) to a location adjacent an opposite lateral side of the front and/or back section (3, 4), wherein said elastic threads are interrupted in a central area of the absorbent article (1), wherein a first adhesive material (44) primarily for securing sheets of web material of the laminated web material to each other is applied in the region from a location adjacent a first lateral side of the front and/or back section (3, 4) to a location adjacent an opposite lateral side of the front and/or back section (3, 4), while leaving a first gap (55) in the central area of the absorbent article (1) free from the first adhesive (44), wherein a second adhesive material (43) primarily for securing the elastic threads to the sheets of laminated web material is applied in the region from a location adjacent a first lateral side of the front and/or back section (3, 4) to a location adjacent an opposite lateral side of the front and/or back section (3, 4), while leaving a second gap (58) in the central area of the absorbent article (1) free from the second adhesive material, and wherein a width (56) of the first gap (55) in the direction (X) is smaller than a width (60) of the second gap (58) in the transverse direction (X), such that an

adhesive gradient is provided in the region (31, 32) as seen from a centre of the absorbent article (1) towards the lateral edges of the absorbent article (1).

Inventors

BÄCK LUCAS

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

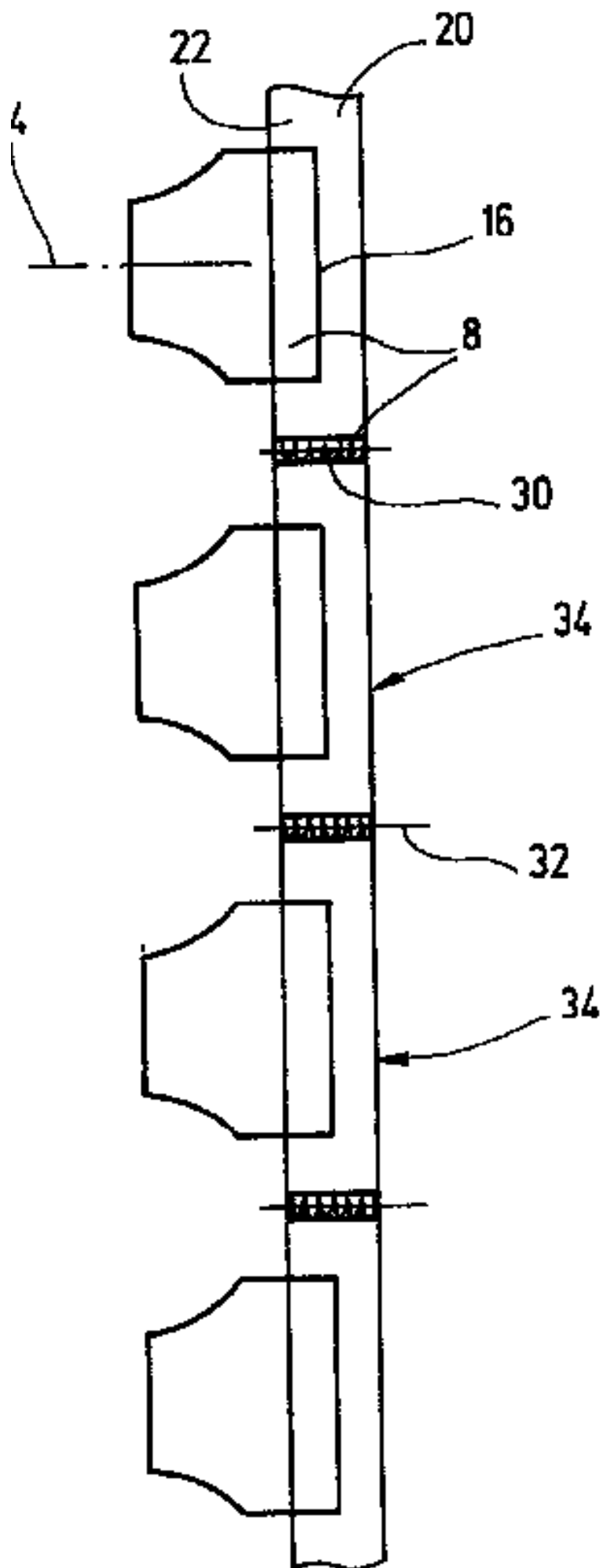
Family 11/100 - FAMPAT - ©Questel

Title

(DE19735303)

Disposable nappy or incontinence pants

Images



Publication numbers with kind code & date

DE19735303	C2	2001-02-22	DE19735303
DE19735303	A1	1999-02-18	DE19735303

**Abstract**

(DE19735303)

The disposable nappy or incontinence pants are formed from a main section (2) comprising the front, back and centre portions (8,10,12), to be advanced on a longitudinal line (4). The main section (2) is folded on a line (14) at right angles to the longitudinal line (4), so that the front (8) and rear (10) sections are over each other with their edges (16,18) flush over each other. Two fabric webs (22,24), for the belt-shaped hip sections (34), are fed along the line of the folded main section. The fabrics (22,24) are of a stretch or elasticised material, fed stretched under tension, to move over or under each folded main section. One fabric (20) is secured to the front section (8) and the other fabric (22) is fixed to the rear section (10) of the folded main section. The two fabrics (20,22) are durably bonded together across their feed line, and the movement line of the folded main section, at a gap from the main section. The fabrics are cut across their feed direction and the movement line of the folded main section, to give separated pants.

Inventors

GAUSE ENNO

BENNING HEINER

HERMANN KLAUS

Latest standardized assignees - inventors removed

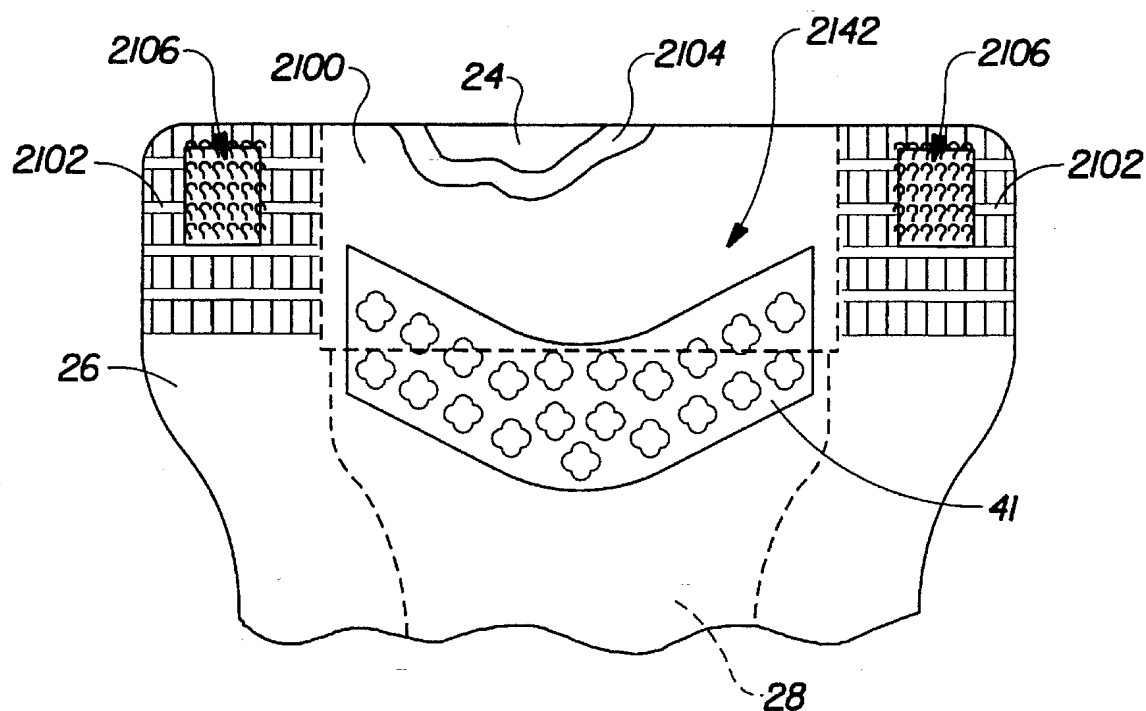
PAUL HARTMANN

Family 12/100 - FAMPAT - ©Questel

Title

(EP-748197)

Absorbent article with multiple zone structural elastic-like film web extensible waist feature

Images**Publication numbers with kind code & date**

US7527615	B2	2009-05-05	US7527615
MY119243	A	2005-04-30	MY-119243
US20040224132	A1	2004-11-11	US20040224132
JP3579034	B2	2004-07-23	JP3579034



US6706028	B2	2004-03-16	US6706028				
ES2133741	T5	2003-08-01	ES2133741				
DE69510923	T3	2003-06-18	DE69510923				
KR100348235	B1	2003-03-15	KR100348235				
DK0748197	T4	2003-02-24	DK-748197T				
EP0748197	B2	2003-01-08	EP-748197				
CN1095651	C	2002-12-11	CN1095651C				
JP2002330994	A	2002-11-19	JP2002330994				
US20020128617	A1	2002-09-12	US20020128617				
HU221098	B1	2002-08-28	HU-221098				
US6325787	B1	2001-12-04	US6325787				
VN0001425	B	2000-09-25	VN---1425B				
CA2182873	C	2000-08-22	CA2182873				
HK1012934	A1	2000-06-23	HK1012934				
CZ286667	B6	2000-05-17	CZ-286667				
DE69510923	T2	2000-01-20	DE69510923				
GR3030842	T3	1999-11-30	GR3030842				
DK0748197	T3	1999-11-29	DK-748197T				
EG20605	A	1999-09-30	EG--20605				
ES2133741	T3	1999-09-16	ES2133741				
US5947948	A	1999-09-07	US5947948				
DE69510923	D1	1999-08-26	DE69510923				
EP0748197	B1	1999-07-21	EP-748197				
AU700813	B2	1999-01-14	AU-700813				
US5749866	A	1998-05-12	US5749866				
HUT77402	A	1998-04-28	HU-T77402				
SG44635	A1	1997-12-19	SG--44635				
JPH09509350	A	1997-09-22	JP09509350				
BR9506912	A	1997-09-16	BR9506912				
MX9603717	A	1997-07-31	MX9603717				
TR28798	A	1997-03-25	TR--28798				
KR19970701028	A	1997-03-17	KR19977001028				
KR970701028	A	1997-03-17	KR19970701028				
CN1144472	A	1997-03-05	CN1144472				
CZ246996	A3	1997-01-15	CZ9602469				
EP0748197	A1	1996-12-18	EP-748197				
HU9602355	D0	1996-11-28	HU9602355				
ZA9501648	B	1996-11-13	ZA9501648				
US5569232	A	1996-10-29	US5569232				
NO963555	L	1996-10-25	NO-963555				
US5556394	A	1996-09-17	US5556394				
US5554143	A	1996-09-10	US5554143				
US5554144	A	1996-09-10	US5554144				
US5554145	A	1996-09-10	US5554145				
FI963355	A	1996-08-28	FI9603355				
FI963355	A0	1996-08-28	FI9603355				
NO963555	D0	1996-08-26	NO9603555				
PE4196	A1	1996-03-21	PE9600041				
AU1746395	A	1995-09-11	AU9517463				
CA2182873	A1	1995-08-31	CA2182873				
WO95/22951	A1	1995-08-31	WO9522951				

(EP0748197)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, training pants, feminine hygiene garments and the like, that have a unique waist feature that improves the dynamic fit as well as the containment characteristics of the absorbent article. Such absorbent articles comprise a chassis assembly (22) preferably comprising a liquid pervious topsheet (24), a liquid impervious backsheet (26), and an absorbent core (28) positioned between the topsheet and the backsheet; an extensible back waist feature; and a closure system (40, 41) for maintaining the absorbent article on the wearer. The extensible back waist feature provides an extensible feature that provides a more comfortable and contouring fit by initially conformably fitting the diaper to the wearer and by sustaining this fit. The extensible back waist feature has a hip panel (38), a central waistband panel (32), and a pair of side panels (36). The force/extension characteristics of each panel is designed to provide such improved fit and containment. While each panel of the extensible waist feature may be constructed from a number of extensible materials, the panels preferably comprise a structural elastic-like film web. The structural elastic-like film (SELF) web (Fig. 5) exhibits an elastic-like behavior in the direction of elongation without the use of added elastic materials. The configuration of the SELF web in each panel has specific characteristics to provide the desired force/extension characteristics of each panel.

Inventors

ROE DONALD CARROLL

GOULAIT DAVID JOSEPH KENNETH

RODRIGUEZ SHEILA SNYDER

CARLIN EDWARD PAUL

DREIER KIMBERLY ANN

JASPER CAROLYN MAE

DANIELS DEAN JEFFREY

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

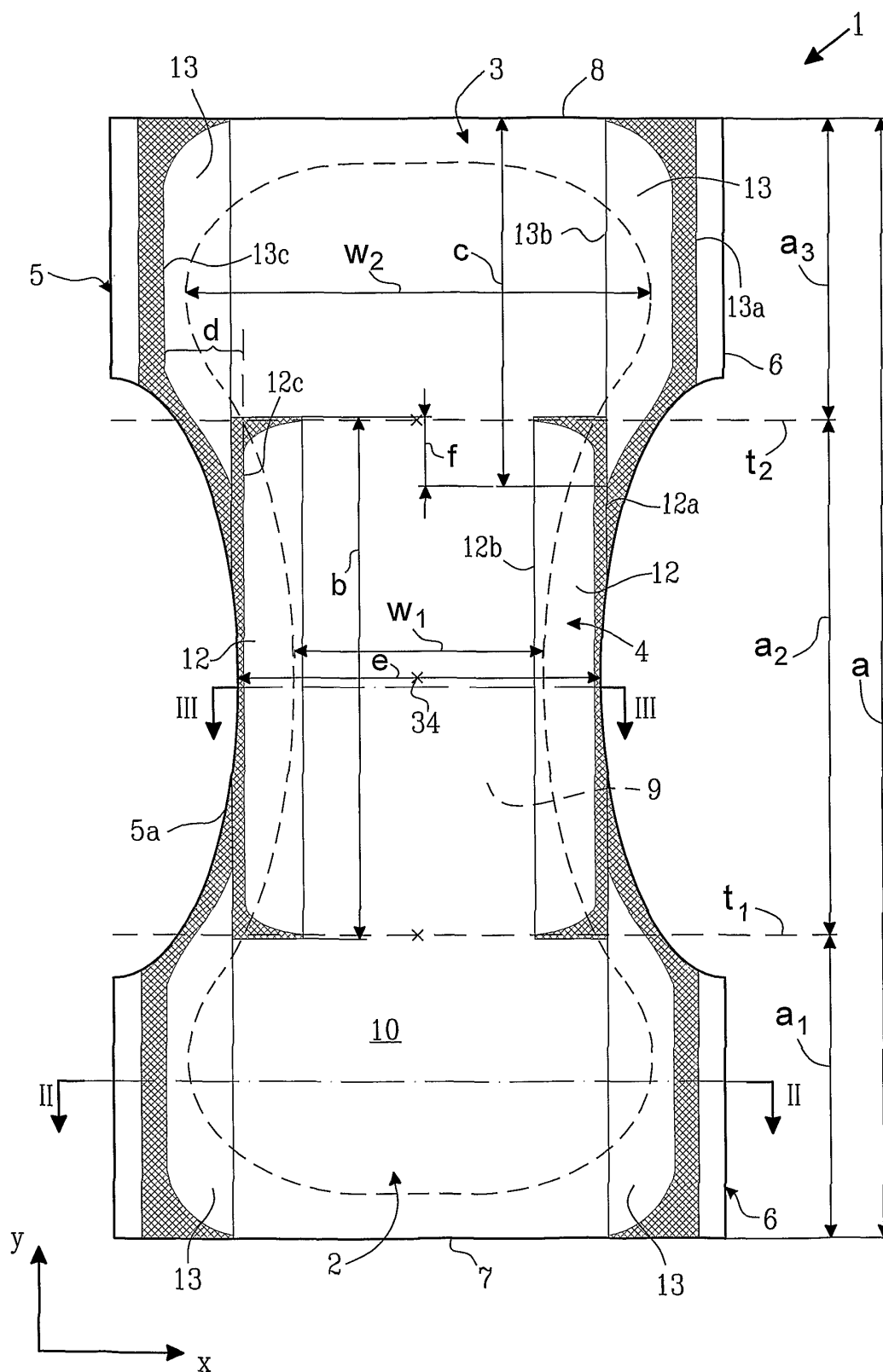
Family 13/100 - FAMPAT - ©Questel

Title

(EP2155134)

Absorbent article with leak barriers

Images

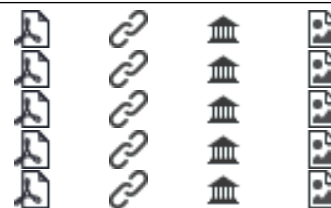


Publication numbers with kind code & date

CN101677896	B	2014-06-18	CN101677896B
EP2155134	B1	2013-04-10	EP2155134
BRPI0721612	A2	2013-01-15	BR200721612
US8282615	B2	2012-10-09	US8282615
EP2155134	A4	2012-03-14	EP2155134
RU2417065	C1	2011-04-27	RU2417065
JP2010523259	A	2010-07-15	JP2010523259



US20100137825	A1	2010-06-03	US20100137825
CN101677896	A	2010-03-24	CN101677896
EP2155134	A1	2010-02-24	EP2155134
AU2007351617	A1	2008-10-23	AU2007351617
WO2008/127152	A1	2008-10-23	WO2008127152

**Abstract**

(EP2155134)

An absorbent article comprising a front region (2), a back region (3) and a crotch region (4) there between, said article further comprises substantially longitudinally extending inner (12) and outer (13) leak barriers alongside each side of the absorbent core (9), said inner and outer leak barriers being spaced from each other in the transverse direction (x) of the article. The inner leak barriers (12) extend at least along the part of the crotch region (4) having the narrowest width (w1) in transverse direction (x), and along a length (b) of at least 5 cm, and the outer leak barriers (13) extend along at least a part of the front region (2) and/or back region (3) of the article, while at least a part of the crotch region (4) along which said inner leak barriers (12) extend is free from raised outer leak barriers (13).

Inventors

CARLSON ULRIKA

EEN HANS

WAESTLUND-KARLSSON JAN

UNER SUE

Latest standardized assignees - inventors removed

SCA HYGIENE PRODUCTS

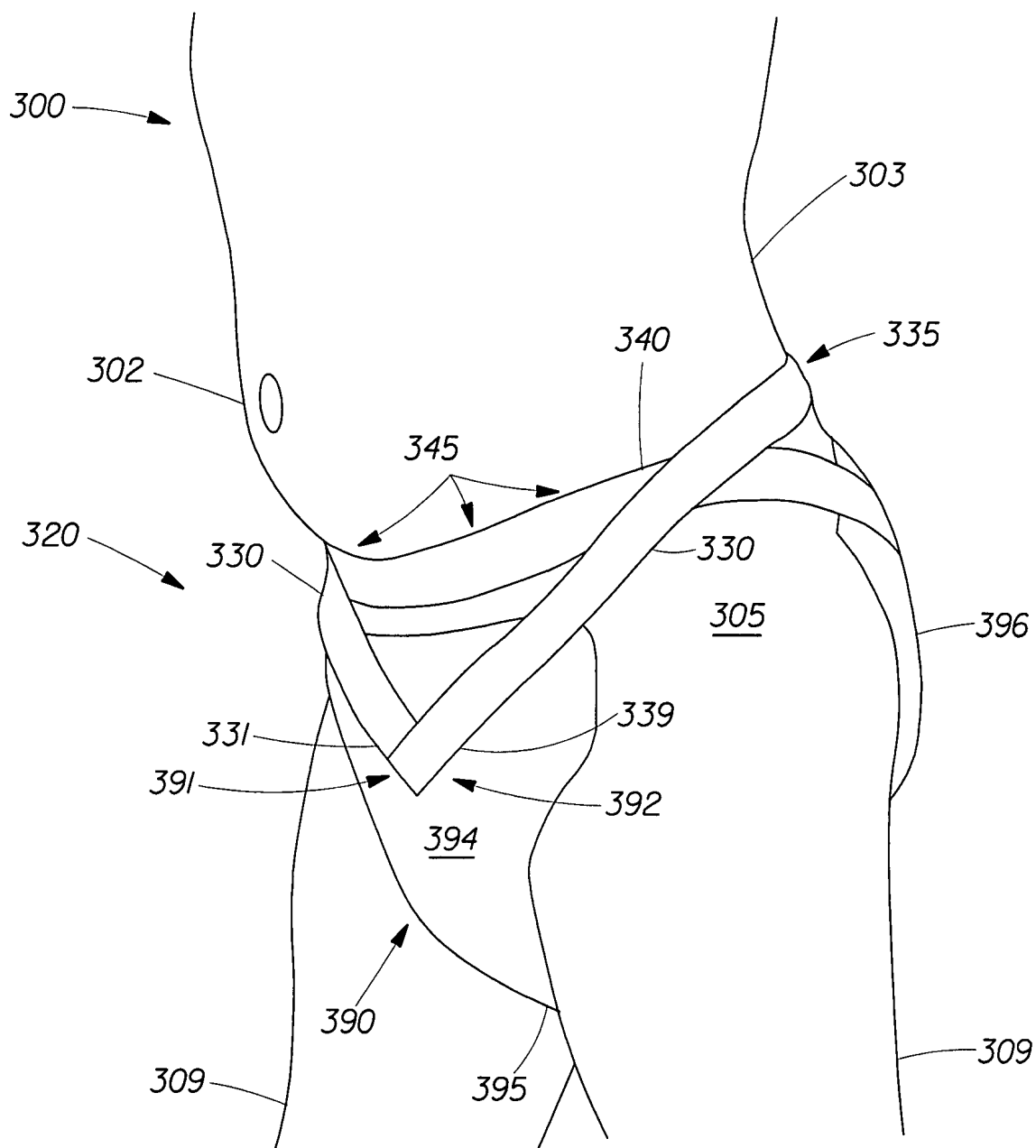
Family 14/100 - FAMPAT - ©Questel

Title

(EP2023876)

Biaxially stretchable outer cover for an absorbent article

Images



Publication numbers with kind code & date

US9072633	B2	2015-07-07	US9072633
US8777917	B2	2014-07-15	US8777917
CA2656840	C	2013-01-22	CA2656840
US8343126	B2	2013-01-01	US8343126
JP5148601	B2	2012-12-07	JP5148601
CA2654619	C	2012-08-07	CA2654619
CA2654620	C	2012-08-07	CA2654620
CA2654755	C	2012-08-07	CA2654755
CA2654780	C	2012-08-07	CA2654780
US8235963	B2	2012-08-07	US8235963
JP5005763	B2	2012-06-01	JP5005763
JP4987972	B2	2012-05-11	JP4987972
JP4970536	B2	2012-04-13	JP4970536
CN101460280	B	2012-01-11	CN101460280B
JP2009539423	A	2009-11-19	JP2009539423
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JP2009539461	A	2009-11-19	JP2009539461				
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CN101460121	A	2009-06-17	CN101460121				
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CN101460123	A	2009-06-17	CN101460123				
CN101460126	A	2009-06-17	CN101460126				
CN101460280	A	2009-06-17	CN101460280				
AR064586	A1	2009-04-15	AR--64586				
EP2026727	A1	2009-02-25	EP2026727				
EP2026729	A2	2009-02-25	EP2026729				
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EP2026732	A2	2009-02-25	EP2026732				
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EP2026734	A1	2009-02-25	EP2026734				
EP2026735	A1	2009-02-25	EP2026735				
EP2026930	A2	2009-02-25	EP2026930				
EP2023876	A2	2009-02-18	EP2023876				
AR063401	A1	2009-01-28	AR--63401				
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WO2007/141759	A1	2007-12-13	WO2007141759				

(EP2023876)

An outer cover for use with an absorbent article having a layer of nonwoven fibrous material and optionally including a polymeric layer laminated or printed onto the layer of nonwoven fibrous material. The outer cover includes at least one plastic component and at least one elastic component in the nonwoven fibrous material and/or optional polymeric layer. The outer cover can have different structural combinations of spunbond fibers, meltblown fibers, and/or nanofibers. The combination of plastic and elastic components results in an outer cover that has favorable mechanical, physical, and aesthetic properties. The outer cover can be rendered either uniaxially or biaxially stretchable via a mechanical activation process.

Inventors

AUTRAN JEAN-PHILIPPE MARIE

ROE DONALD CARROLL

YOUNG TERRILL ALAN

MOONEY JOAN HELEN

DESAI FRED NAVAL

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

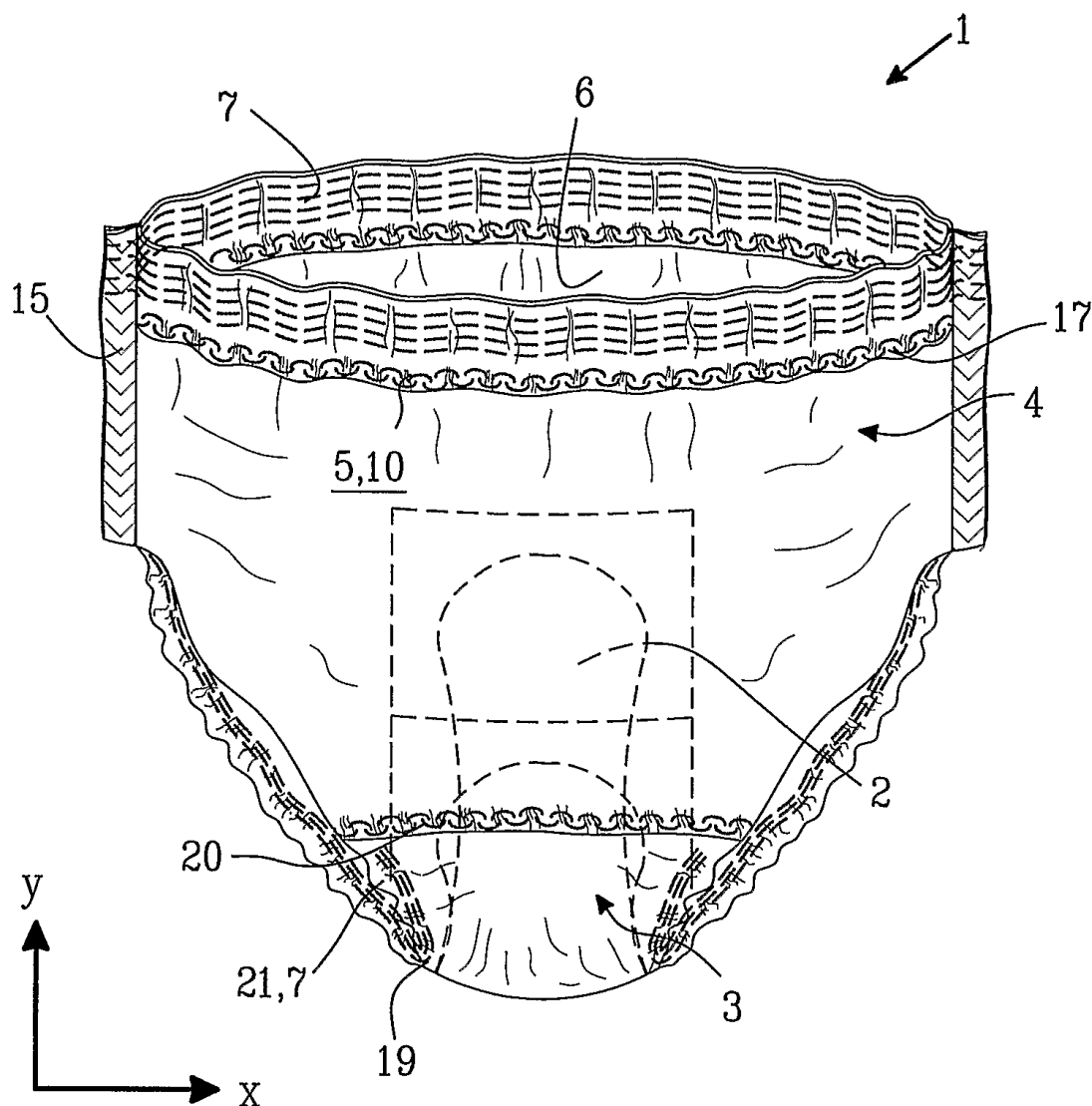
Family 15/100 - FAMPAT - ©Questel

Title

(EP2086486)

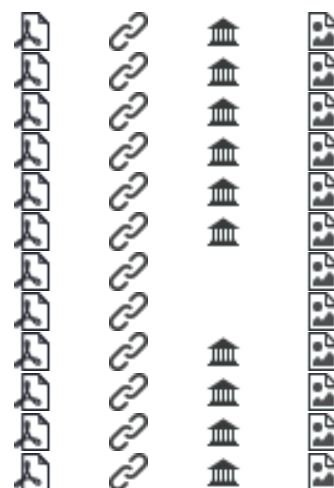
Absorbent article comprising an elastic laminate material

Images



Publication numbers with kind code & date

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Abstract

(EP2086486)

A pant type absorbent article having a core region (3) comprising an absorbent core (2) and a chassis region (4) surrounding the core region. The article in at least a part of the chassis region (4) comprises a coversheet (10) in the form of an elastic laminate (11) constituting the sole component of the chassis (4) in at least 20% of the total surface area of the article (1), said elastic laminate having a tensile strength of at least 15 N/25 mm both in the longitudinal (y) and the transverse (x) direction of the article and a tensile strength in transverse direction (x) 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 (y) of the article.

The force required to extend the elastic laminate 10% in the longitudinal direction (y) of the article should be no more than 5N/25mm.

Inventors

WENNERBÄCK MARGARETA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

Family 16/100 - FAMPAT - ©Questel

Title

(EP-729333)

Absorbent article with structural elastic-like film web waist belt

Images

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Abstract

(EP0729333)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, training pants, feminine hygiene garments and the like, that have a unique waist feature that improves the dynamic fit as well as the containment characteristics of the absorbent article. Such absorbent articles comprise a chassis assembly preferably comprising a liquid pervious topsheet, a liquid impervious backsheet, and an absorbent core positioned between the topsheet and the backsheet; an extensible waist belt; and a closure system for maintaining the absorbent article on the wearer. The extensible waist belt provides an extensible feature that provides a more comfortable and contouring fit by initially conformably fitting the diaper to the wearer and by sustaining this fit. While each extensible waist belt may be constructed from a number of extensible materials, the extensible waist belt preferably comprises a structural elastic-like film web. The structural elastic-like film (SELF) web exhibits an elastic-like behavior in the direction of elongation without the use of added elastic materials.

Inventors

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RODRIGUEZ SHEILA SNYDER

CABELL DAVID WILLIAM

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

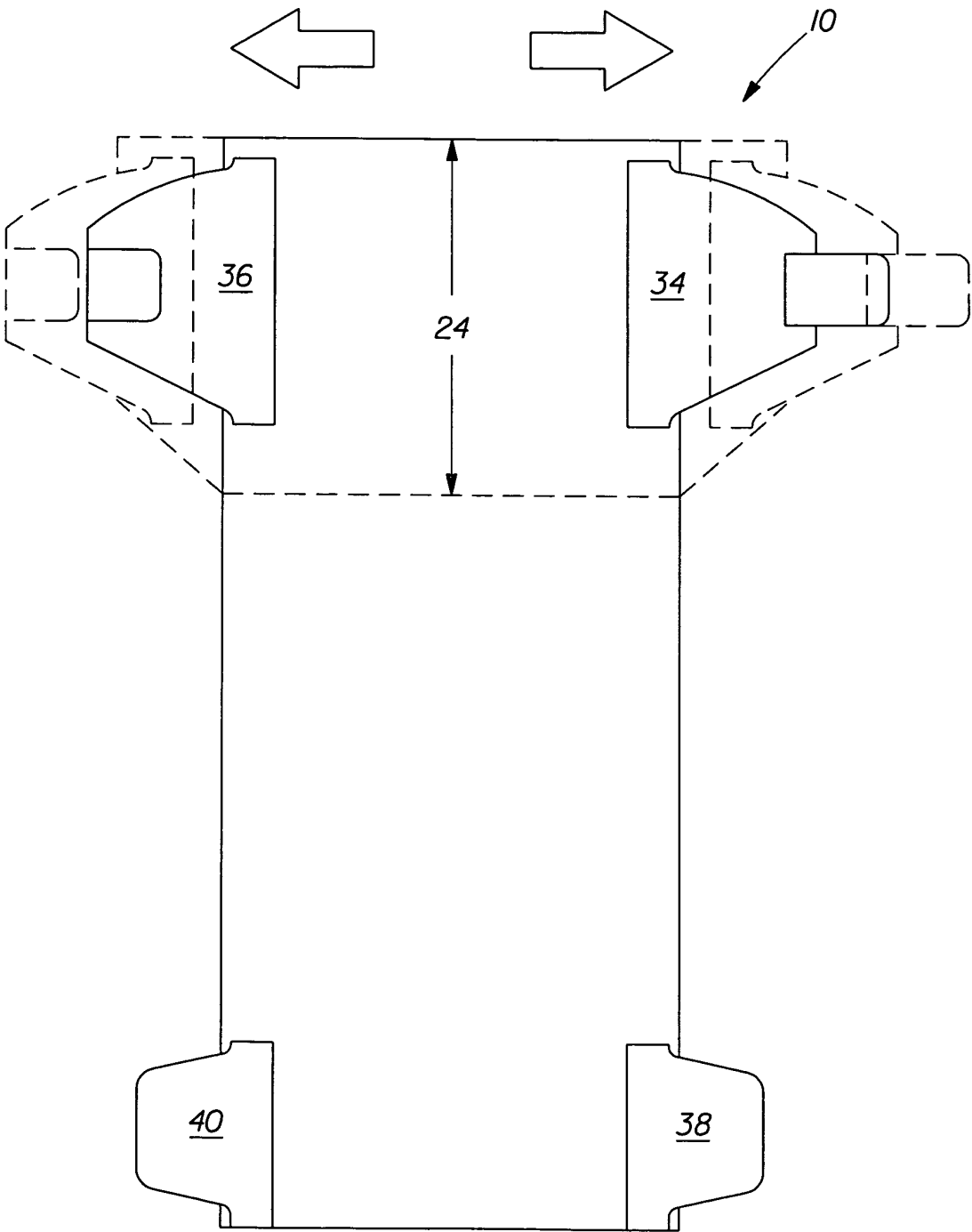
Family 17/100 - FAMPAT - ©Questel

Title

(EP1729709)

Web materials having both plastic and elastic properties

Images



Publication numbers with kind code & date

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Abstract

(EP1729709)

An extruded web is disclosed. The extruded web can be either a nonwoven material of a films. The web comprises a plasto-elastic material where the plasto-elastic material is a combination of a first polyolefin and a second polyolefin (either a polymeric blends or a polymeric mixture). The claimed combination of polyolefins results in a material that has substantially plastic properties when a sample taken from said web is subjected to an initial strain cycle (such that the web is provided with a set of at least 30% by an initial strain cycle) and substantially elastic properties when a sample taken from the web is subjected to at least a second strain cycle.

Inventors

AUTRAN JEAN-PHILIPPE MARIE

ROE DONALD CARROLL

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

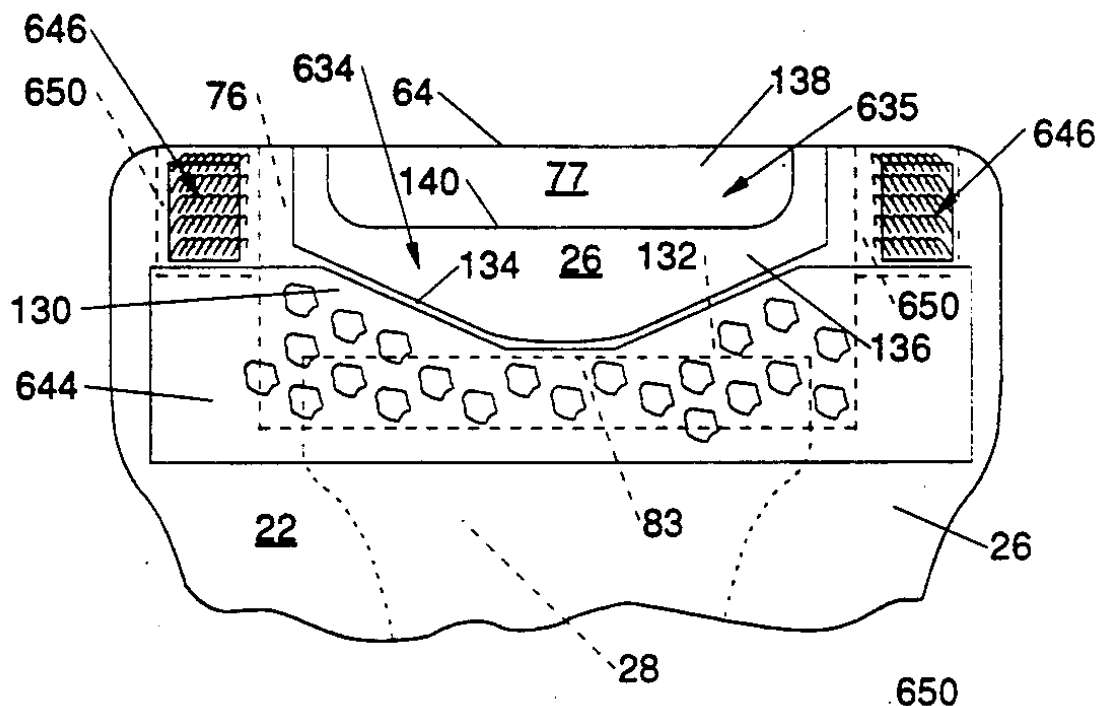
Family 18/100 - FAMPAT - ©Questel

Title

(EP-590091)

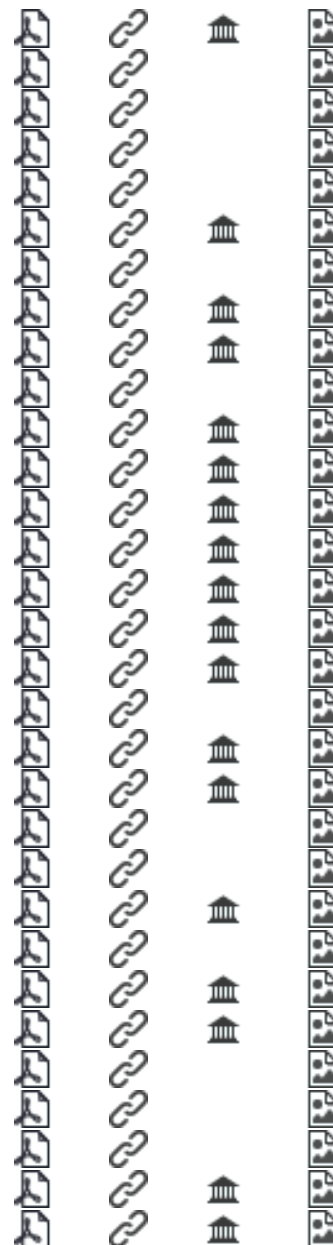
Absorbent article with elastic waist with predisposed resilient hinge

Images



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NO934558	L	1994-02-14	NO-934558



FI935548	A	1994-01-24	FI9305548				
FI935548	A0	1993-12-10	FI9305548				
NO934558	D0	1993-12-10	NO9304558				
US5234423	A	1993-08-10	US5234423				
US5221274	A	1993-06-22	US5221274				
MX9202894	A	1993-03-01	MX9202894				
PT8527	T	1993-02-26	PT---8527T				
WO92/22273	A3	1993-02-18	WO9222273				
AU2266392	A	1993-01-12	AU9222663				
WO92/22273	A2	1992-12-23	WO9222273				
IE921915	A1	1992-12-16	IE9201915				
CA2103268	A1	1992-12-14	CA2103268				
US5151092	A	1992-09-29	US5151092				

Abstract

(EP0590091)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders and the like, that have an elastic waist feature that improves the fit of the elasticized waistband as well as the containment characteristics of the absorbent article. The elastic waist feature (34) preferably comprises an interconnecting panel zone (130), a first flexural hinge zone (132) joining the interconnecting panel zone with the containment assembly (22), an elasticized waistband (35), and a second flexural hinge zone (134) joining the elasticized waistband with the interconnecting panel zone. The elasticized waistband comprises a shaping panel zone (136); a waistline panel zone (138); and a predisposed, resilient, waistband hinge zone (140) joining the shaping panel zone and the waistline panel zone. The waistband hinge zone is predisposed to allow the panel zones to bend about a defined axis and is resilient to provide a restoring moment that returns the panel zones to their pre-use configuration, especially when the elasticized waistband has been pretensioned by a closure system (36). The closure system creates and maintains lateral tension through the elasticized waistband thereby allowing the elasticized waistband better expand and contract with the motions of the wearer. The absorbent article additionally preferably comprises a pair of elasticized side panels (30) disposed in the front/rear waist region (58). Alternative features wherein portions of the topsheet (24) and/or backsheet (26) lying in elasticized regions of the article have been prestrained are also described.

Inventors

BUELL KENNETH BARCLAY

CLEAR SANDRA HINTZ

FALCONE DANIELIA THREASE

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

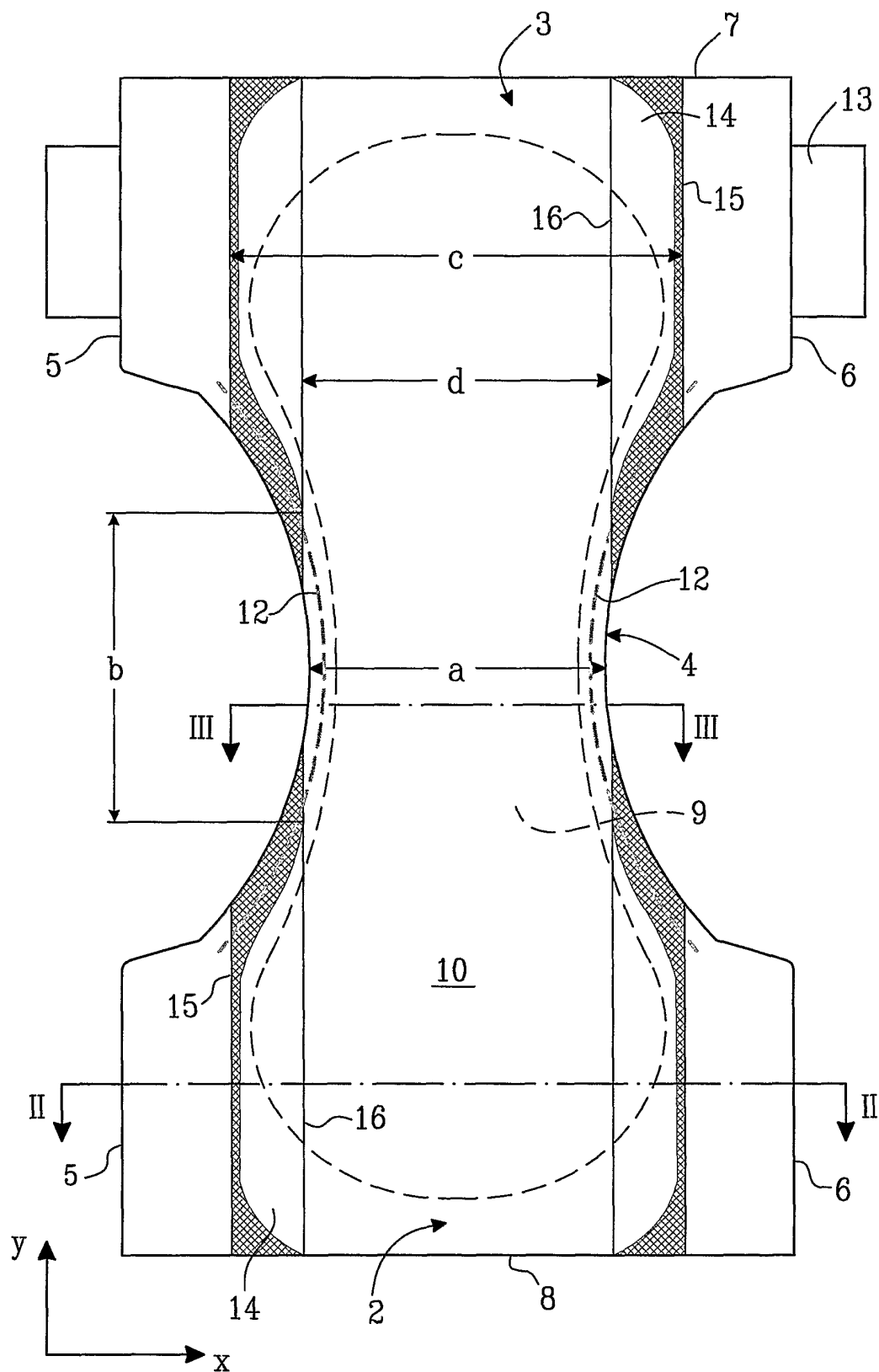
Family 19/100 - FAMPAT - ©Questel

Title

(EP2004121)

Absorbent article with leak barriers

Images



Publication numbers with kind code & date

CN101415386

B 2012-10-31

CN101415386B

US8246595

B2 2012-08-21

US8246595

EP2004121

B1 2012-06-20

EP2004121

BRPI0621569

A2 2011-12-13

BR200621569

EP2004121

A4 2011-06-08

EP2004121

US20100228219

A1 2010-09-09

US20100228219

RU2397744

C2 2010-08-27

RU2397744



RU2008143403	A	2010-05-10	RU2008143403				
TNSN08386	A1	2010-04-14	TN0800386				
JP2009532170	A	2009-09-10	JP2009532170				
CN101415386	A	2009-04-22	CN101415386				
IN2335/MUMNP/2008	A	2009-02-27	IN2008MN02335				
KR20090007731	A	2009-01-20	KR20090007731				
EP2004121	A1	2008-12-24	EP2004121				
MX2008012518	A	2008-10-10	MX2008012518				
AR060300	A1	2008-06-04	AR--60300				
TW200800119	A	2008-01-01	TW200800119				
AU2006341315	A1	2007-10-11	AU2006341315				
CA2648358	A1	2007-10-11	CA2648358				
WO2007/114744	A1	2007-10-11	WO2007114744				

Abstract

(EP2004121)

An absorbent article comprising a front region (2), a back region (3) and a crotch region (4) there between, said article further comprises substantially longitudinally extending leak barriers (14), each of said leak barriers (14) having a free laterally inward elasticized side (16) and a laterally outward side (15), the elasticized side (16) of the leak barrier being raised from the inner cover (6) of the absorbent article. The crotch region (4) along a length (b) of at least 2 cm, preferably at least 5 cm and more preferably at least 10 cm, in longitudinal direction is free from raised leak barriers (14), while raised leak barriers are present in the front and/or back regions (2, 3) of the article.

Inventors

CARLSON ULRIKA

EEN HANS

WAESTLUND-KARLSSON JAN

Latest standardized assignees - inventors removed

SCA HYGIENE PRODUCTS

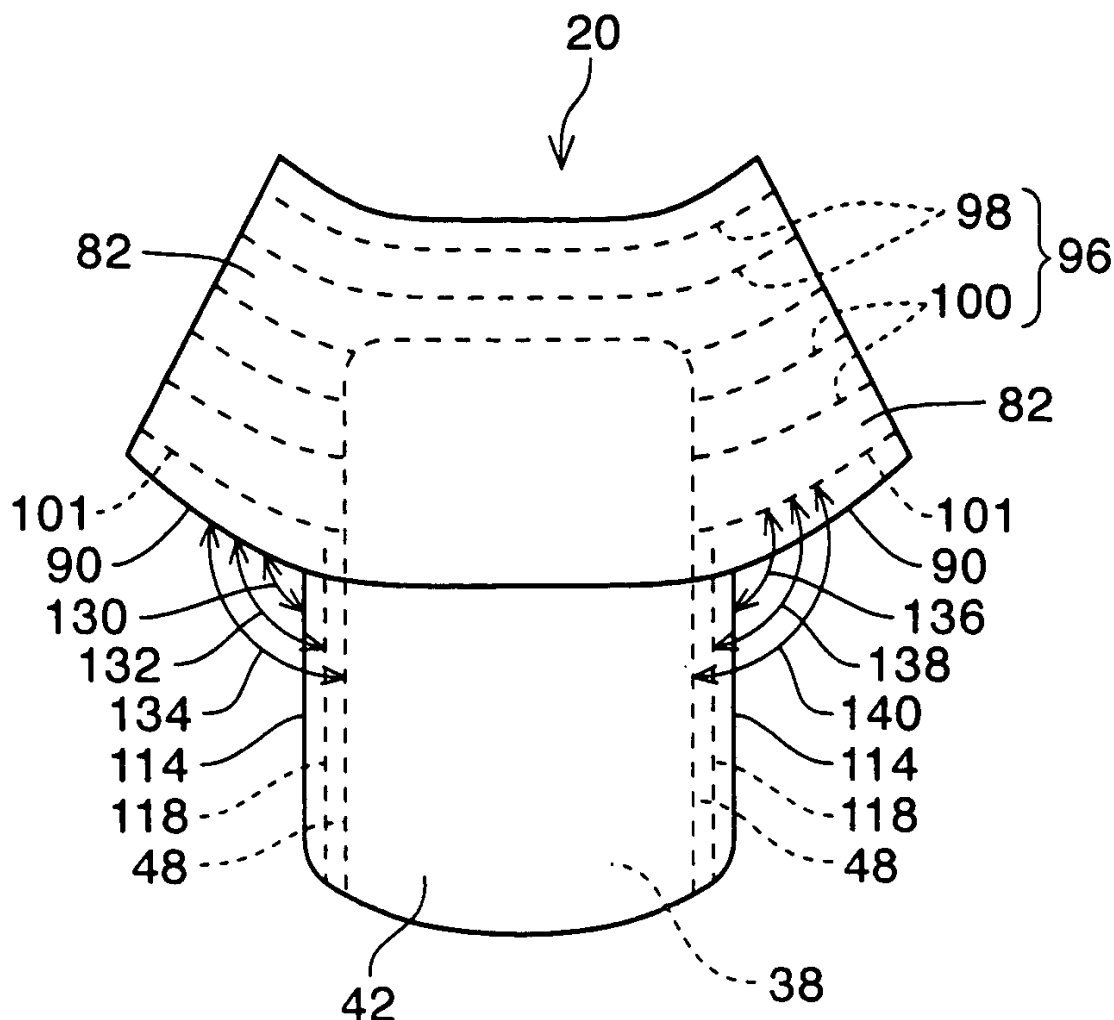
Family 20/100 - FAMPAT - ©Questel

Title

(EP1686940)

Disposable pull-on garment

Images



Publication numbers with kind code & date

EP1686940	B1	2017-03-01	EP1686940
JP5296020	B2	2013-06-21	JP5296020
JP4943158	B2	2012-03-09	JP4943158
JP2010279712	A	2010-12-16	JP2010279712
US7569039	B2	2009-08-04	US7569039
IN233832	B	2009-05-01	IN-233832
CN100448418	C	2009-01-07	CN100448418C
ZA200603978	B	2007-11-28	ZA200603978
IN2687/DELNP/2006	A	2007-08-10	IN2006DN02687
JP2007511326	A	2007-05-10	JP2007511326
BRPI0416658	A	2007-01-16	BR200416658
CN1878523	A	2006-12-13	CN1878523
KR20060099526	A	2006-09-19	KR20060099526
MXPA06005745	A	2006-08-17	MX2006PA005745
EP1686940	A1	2006-08-09	EP1686940
AR046647	A1	2005-12-14	AR--46647
AU2004292433	A1	2005-06-09	AU2004292433
CA2547003	A1	2005-06-09	CA2547003
WO2005/051264	A1	2005-06-09	WO200551264
US20050107764	A1	2005-05-19	US20050107764



Abstract

(EP1686940)

A disposable pull-on garment comprising an absorbent main body and a ring-like elastic belt is disclosed. The pull-on

garment has a waist opening and leg openings and extends in a longitudinal direction and a transverse direction. The absorbent main body comprises a liquid pervious topsheet, a liquid impervious backsheet and an absorbent core disposed therebetween. The absorbent main body has longitudinal side edges, transverse end edges, a front waist panel, a back waist panel and a crotch panel. The front waist panel and the back waist panel are not joined directly. The ring-like elastic belt is surrounded by a transverse waist border and a transverse abdomen border. The ring-like elastic belt has a central panel and side panels. The central panel is joined to the front waist panel and the back waist panel of the absorbent main body to form one waist opening and two leg openings. The ring-like elastic belt is not disposed in the crotch panel of the absorbent main body. The ring-like elastic belt comprises a belt layer and a belt elastic material joined to the belt layer. The belt elastic material is provided with the belt layer such that the leg opening angle formed by the transverse abdomen border of the side panel and the longitudinal side edge of the absorbent main body is greater when the disposable pull-on garment is in a contracted configuration than when the disposable pull-on garment is in an uncontracted configuration.

Inventors

MATSUDA TOSHIYUKI

FUJIMOTO KENJI (NMN)

NAKAHATA HIROSHI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

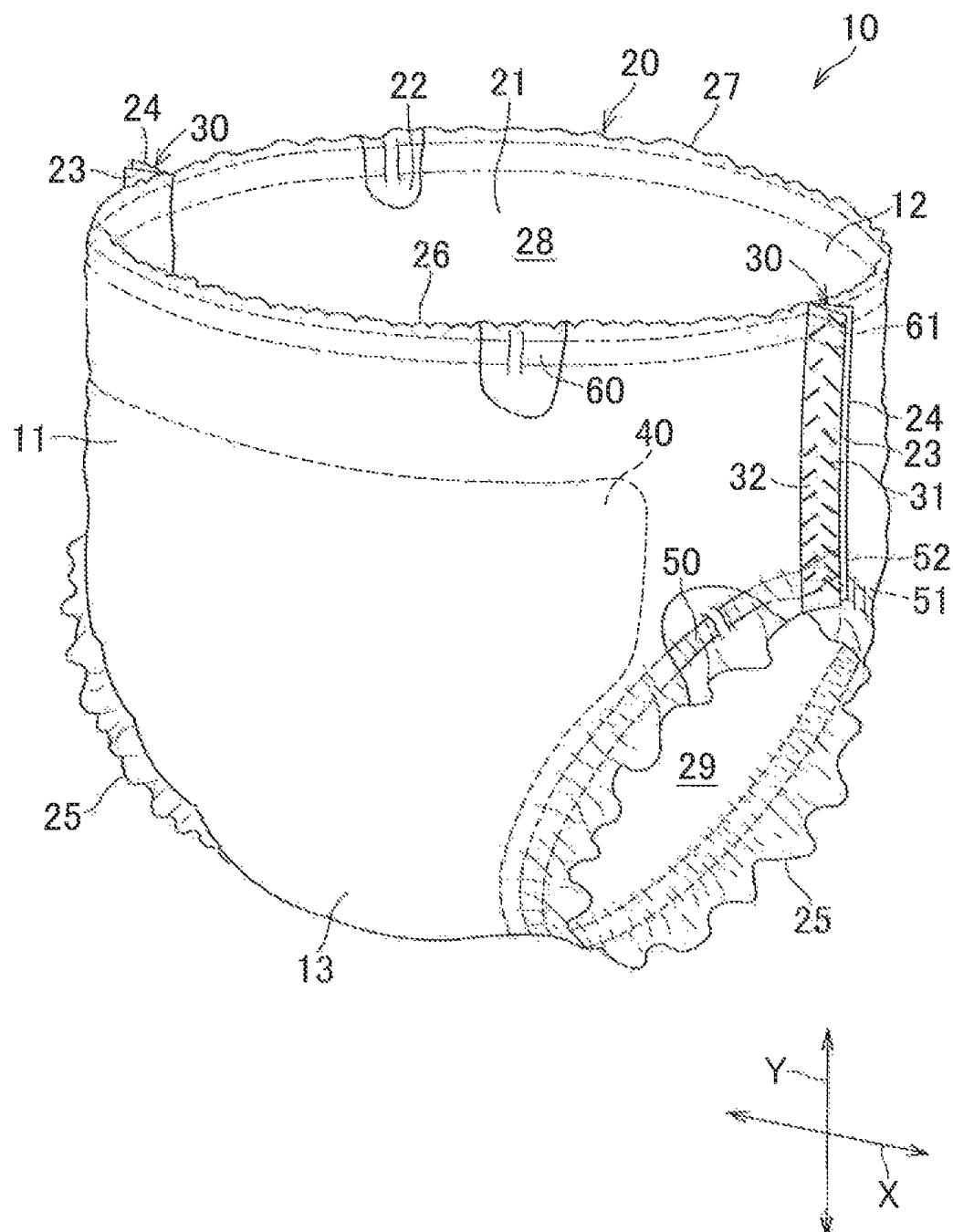
Family 21/100 - FAMPAT - ©Questel

Title

(EP2373272)

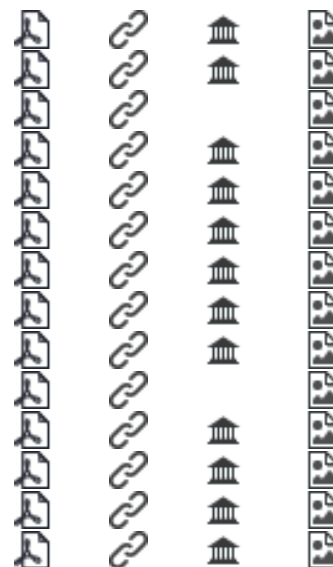
Pull-on article

Images



Publication numbers with kind code & date

BRPI0918338	A2	2018-12-04	BR200918338
EP2373272	B1	2016-04-06	EP2373272
KR101527628	B1	2015-06-10	KR101527628
AU2009332214	B2	2015-03-12	AU2009332214
EA020719	B1	2015-01-30	EA--20719
CN102307551	B	2014-08-06	CN102307551B
US8758318	B2	2014-06-24	US8758318
EP2373272	A4	2014-06-18	EP2373272
JP5498498	B2	2014-03-14	JP5498498
TH115259	A	2012-07-31	TH-115259
JP2012513776	A	2012-06-21	JP2012513776
US20120035564	A1	2012-02-09	US20120035564
EA201190035	A1	2012-01-30	EA201190035
CN102307551	A	2012-01-04	CN102307551



EP2373272	A1	2011-10-12	EP2373272				
KR20110107351	A	2011-09-30	KR20110107351				
AU2009332214	A1	2011-07-28	AU2009332214				
AR074979	A1	2011-03-02	AR--74979				
WO2010/073717	A1	2010-07-01	WO201073717				

Abstract

(EP2373272)

A pull-on article comprises a chassis including a first waist region, a second waist region and a crotch region between the first and second waist regions. The article is shaped into a pull-on having a waist and a pair of leg openings by weld-bonding side edges of the first and second waist regions. The waist and leg openings are respectively provided along respective edged defining the waist and leg openings with waist and leg elastic members which are respectively formed into a tape shape having a relatively width dimension. The first and second waist regions, and the leg and waist elastic members are respectively formed of a fibrous non-woven fabric including at least thermoplastic fibers wherein the leg and waist elastic members include at least elastically extendible fibers as the thermoplastic fibers.

Inventors

OTSUBO TOSHIFUMI

HASHIMOTO TATSUYA

ISHIKAWA SHINICHI

OKUDA JUN

Latest standardized assignees - inventors removed

UNICHARM

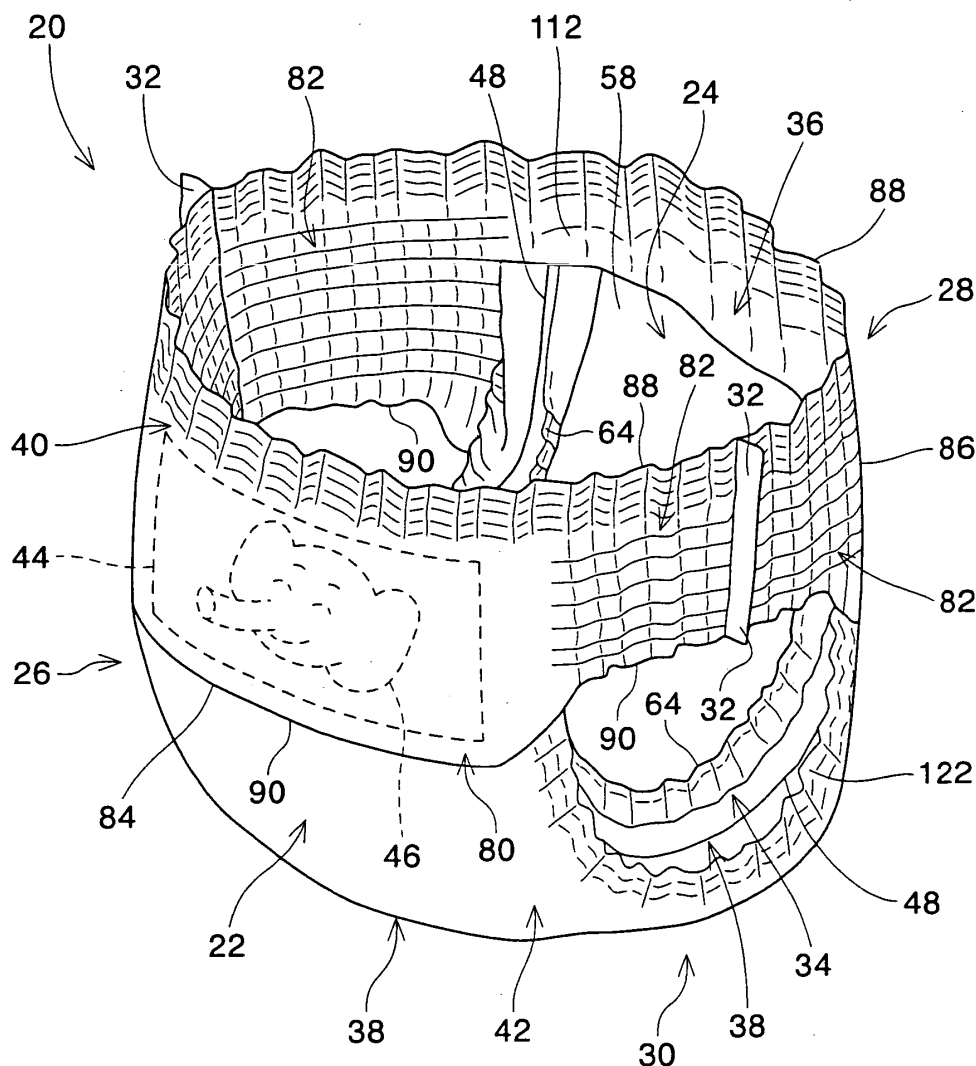
Family 22/100 - FAMPAT - ©Questel

Title

(EP1626691)

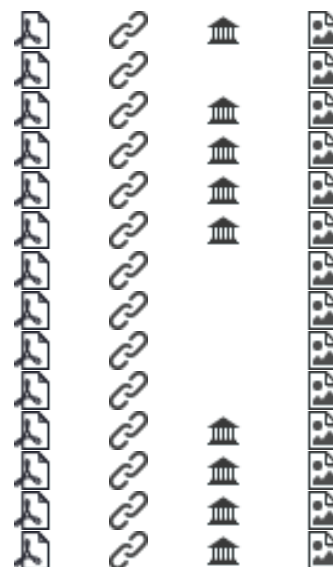
Disposable pull-on garment having graphic patch

Images



Publication numbers with kind code & date

CN100431506	C	2008-11-12	CN100431506C
ZA200508947	B	2007-07-25	ZA200508947
JP2006525858	A	2006-11-16	JP2006525858
BRPI0410712	A	2006-06-13	BR200410712
CN1784191	A	2006-06-07	CN1784191
EP1626691	A1	2006-02-22	EP1626691
KR20060016096	A	2006-02-21	KR20060016096
MXPA05012386	A	2006-02-02	MX2005PA012386
AR044441	A1	2005-09-14	AR--44441
CL2004001286	A1	2005-04-15	CL200401286
AU2004242957	A1	2004-12-09	AU2004242957
CA2524442	A1	2004-12-09	CA2524442
WO2004/105665	A1	2004-12-09	WO2004105665
US20040243083	A1	2004-12-02	US20040243083



Abstract

(EP1626691)

A disposable pull-on garment is disclosed. The pull-on garment has a waist opening and leg openings. The pull-on garment comprises an absorbent main body and a ring-like elastic belt. The absorbent main body comprises a liquid pervious topsheet, a liquid impervious backsheet and an absorbent core disposed therebetween. The absorbent main body has a longitudinal centerline, longitudinal side edges, transverse end edges, a front waist panel, a back waist panel and a crotch

panel. The front waist panel and the back waist panel are not joined directly. The ring-like elastic belt comprises an outer layer having a transverse waist end and a transverse abdomen end. The ring-like elastic belt is joined to the front waist panel and the back waist panel of the absorbent main body to form one waist opening and two leg openings. The ring-like elastic belt is not disposed in the crotch panel of the absorbent main body. The disposable pull-on garment further comprises a patch printed with a graphic thereon. The patch is disposed inside the outer layer and between the transverse waist end and the transverse abdomen end.

Inventors

MATSUDA TOSHIYUKI

FUJIMOTO KENJI

OHGATA HIROYUKI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 23/100 - FAMPAT - ©Questel

Title

(EP3349708)

Pant-like absorbent article

Images

(EP3349708)

The disclosure concerns a pant-type absorbent article (10) such as a pant diaper, training pant, swim pant, sanitary pant or incontinence pant, said article having a longitudinal direction (x'), a transverse direction (y'), an inner surface (12) facing the user during use, an outer surface (18) facing away from the user during use. The article comprises, as seen in the longitudinal direction (x'): a first body portion (150), a second body portion (160) and an intermediate crotch portion (170) provided with two leg openings (220, 230), the crotch portion (170) extending between the first body portion (150) and the second body portion (160) in the longitudinal direction (X') of the article (10). Further, outer longitudinal edge portions (5, 5') of the first body portion (150) are adapted to be interconnected to outer longitudinal edge portions (6, 6') of the second body portion (160) by first and second longitudinal refastenable side seam configurations (180, 180'). Each one of the refastenable side seam configurations comprises a fastening component bonded to an outer longitudinal edge portion of the first body portion and a mating fastening component bonded to a corresponding outer longitudinal edge portion of the second body portion. Moreover, each one of the fastening components (11a, 11b) and the mating fastening components (13a, 13b) comprises a first mechanical connector structure and a second mechanical connector structure.

Inventors

SWEDBERG MARIA

SILFVERSTRAND ANDERS

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

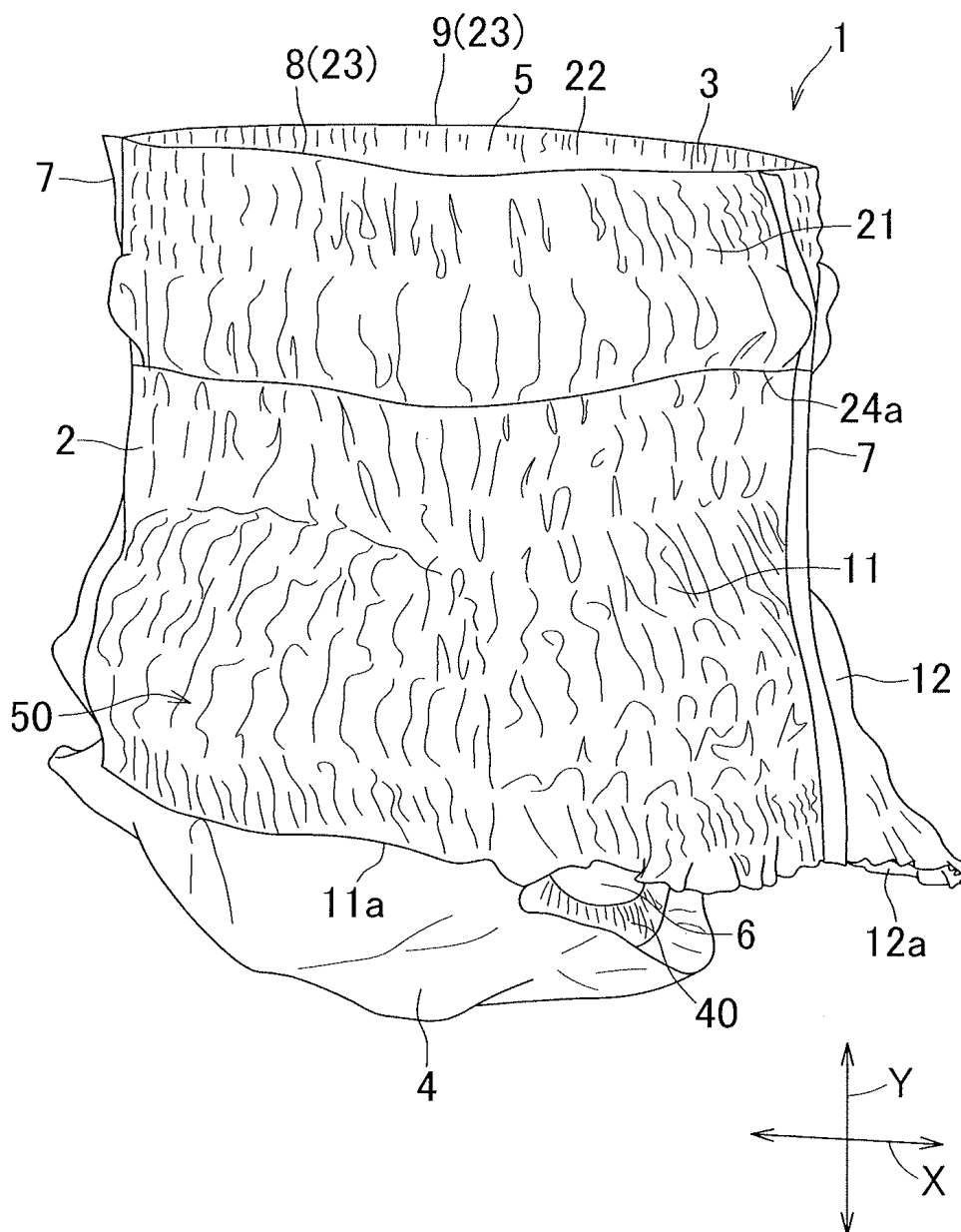
Family 24/100 - FAMPAT - ©Questel

Title

(EP2572689)

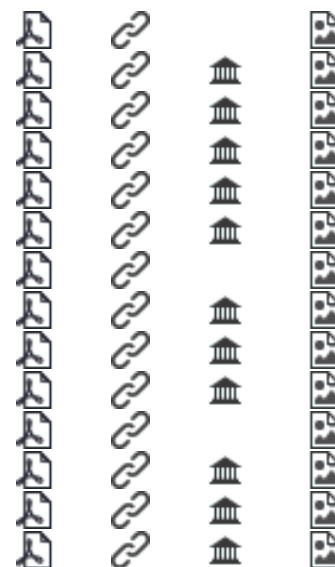
Disposable wearing article

Images



Publication numbers with kind code & date

MY158639	A	2016-10-31	MY-158639
EP2572689	B1	2016-09-28	EP2572689
TWI531359	B	2016-05-01	TWI531359
US8986276	B2	2015-03-24	US8986276
JP5530252	B2	2014-04-25	JP5530252
EP2572689	A4	2014-04-09	EP2572689
TH124487	A	2013-06-06	TH-124487
EP2572689	A1	2013-03-27	EP2572689
US20130041340	A1	2013-02-14	US20130041340
CN102905665	A	2013-01-30	CN102905665
SG185381	A1	2012-12-28	SG-185381
TW201208654	A	2012-03-01	TW201208654
JP2011240054	A	2011-12-01	JP2011240054
WO2011/145627	A1	2011-11-24	WO2011145627



Abstract

(EP2572689)

A disposable wearing article having a cup-shaped portion adapted for temporary collection of bodily fluids such as urine

without irritating the wearer's skin. Front waist elastics (18) are attached between a front outer sheet (11) and an inner sheet (13) and rear waist elastics (19) are attached between a rear outer sheet (12) and the inner sheet (13). An absorbent structure (30) is attached to an inner side of the inner sheet (13) and a pair of leg-cuffs (40) is attached between the absorbent structure (30) and the inner sheet (13). Lateral proximal portions of the respective leg cuffs (40) are bonded between the absorbent structure (30) and the inner sheet (13) and lateral distal portions (42) of the respective leg cuffs extend outwardly in a transverse direction (X) beyond the absorbent structure (30) and are not bonded to the inner sheet (13). These lateral distal portions (42) are provided with a plurality of cuff elastics (43). Front and rear waist regions (2, 3) respectively include first through third sub-regions (2a through 2c; 3a through 3c) which are adjacent one to another in this order and the respective sub-regions are provided with first through third waist elastics (18a through 18c; 19a through 19c). A tensile stress in the first and third sub-regions (2a, 2c) is higher than that in the second sub-region (2b) and the cuff elastics (43) extend to at least the second sub-region (2b).

Inventors

KAWAKAMI YUSUKE

KOSAKA SHOSHI

Latest standardized assignees - inventors removed

UNICHARM

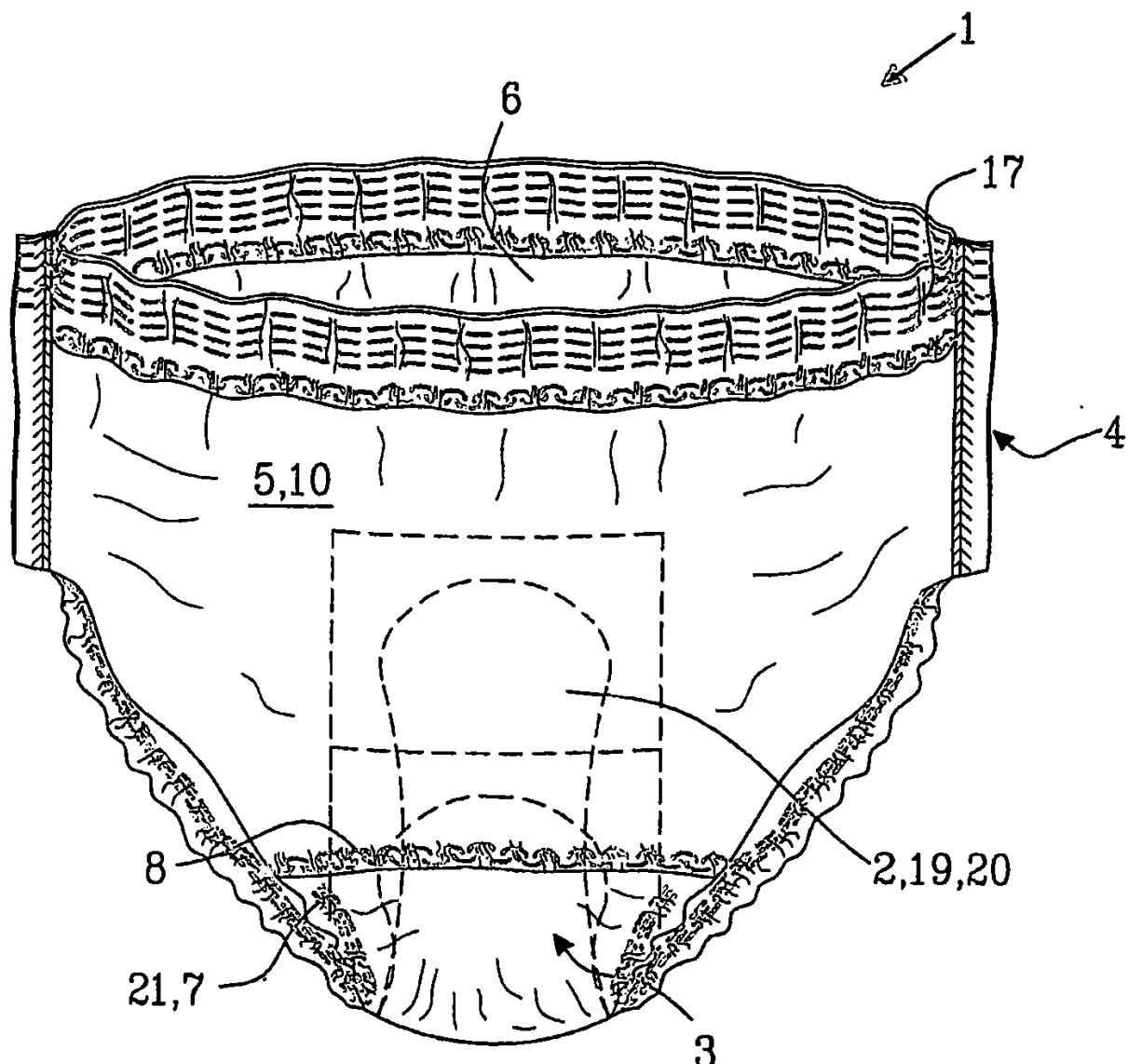
Family 25/100 - FAMPAT - ©Questel

Title

(CN101822592)

Underpants type absorption product

Images



Publication numbers with kind code & date[CN101822592](#)

A

2010-09-08

CN101822592

**Abstract**

(CN101822592)

The invention relates to an underpants type absorption product (1) provided with a frame (4) and an absorption component (3) comprising an absorption core (2). The frame (4) comprises a front part (5) and a rear part (6), wherein the front and rear parts (5, 6) are mutually jointed along two oppositely arranged longitudinal sides, thus determining a waist opening and a pair of leg openings. At least one of the front and rear parts (5, 6) comprises an elastic fibre web material (10). The product also comprises a crotch (7) arranged longitudinally between the front part (5) and the rear part (6), and the front part (5), the rear part (6) and the crotch (7) respectively have a length (b1), a length (b3) and a length (b3) in the longitudinal direction. The absorbent component (3) is at least arranged on the crotch (7) and overlapped a certain distance with both the front and rear parts (5, 6). According to an embodiment, when the product in an extension state is measured, the overlapping of the absorbent component (3) to the surface areas of the front part and the rear part is respectively no more than 20%, preferably no more than 10%.

Inventors

J.WAESTLUND-KARLSSON,M.WENNERBAECK

Latest standardized assignees - inventors removed

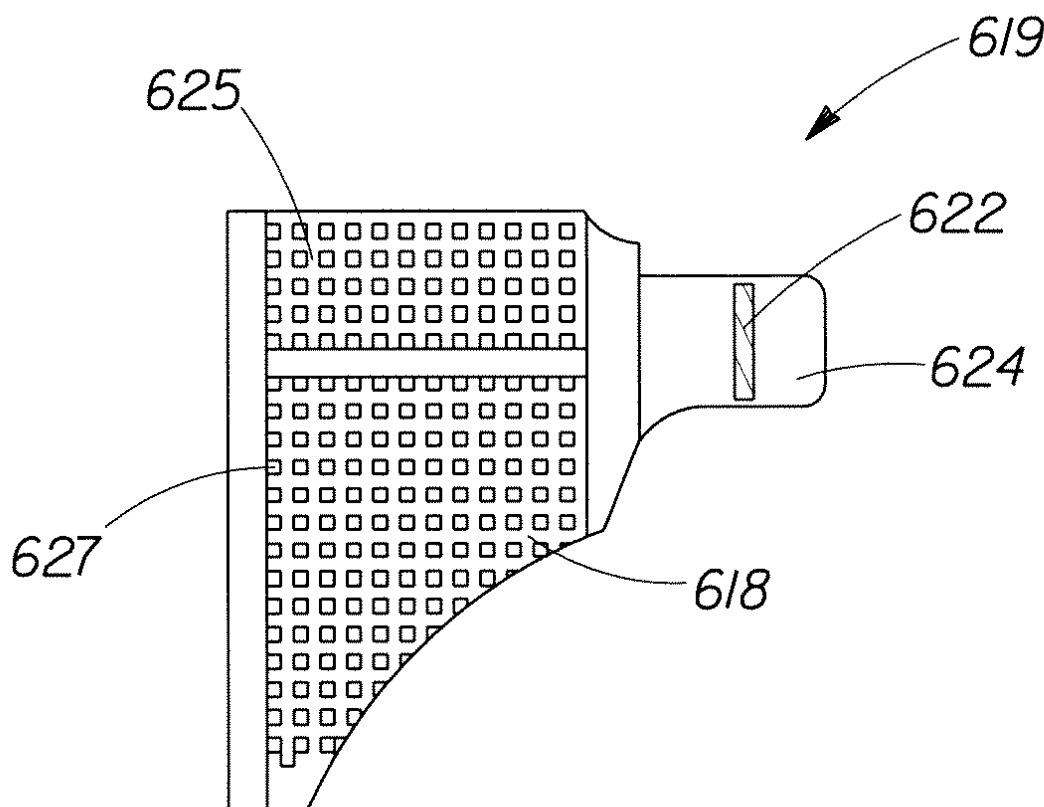
SCA HYGIENE PRODUCTS

Family 26/100 - FAMPAT - ©Questel

Title

(EP1729605)

Disposable absorbent articles with zones comprising elastomeric components

Images**Publication numbers with kind code & date**[US9220637](#)

B2

2015-12-29

US9220637



US9033947	B2	2015-05-19	US9033947				
JP5179608	B2	2013-01-18	JP5179608				
JP2011136188	A	2011-07-14	JP2011136188				
CA2561158	C	2011-07-12	CA2561158				
CA2561181	C	2011-03-22	CA2561181				
CN1937931	B	2010-06-02	CN1937931B				
CN100569204	C	2009-12-16	CN100569204C				
US20090192480	A1	2009-07-30	US20090192480				
SG151318	A1	2009-04-30	SG-151318				
SG151319	A1	2009-04-30	SG-151319				
EP1964533	A3	2009-03-25	EP1964533				
EP1964534	A3	2009-03-18	EP1964534				
US20080262457	A1	2008-10-23	US20080262457				
EP1964533	A2	2008-09-03	EP1964533				
EP1964534	A2	2008-09-03	EP1964534				
ZA200608041	B	2008-06-25	ZA200608041				
ZA200608042	B	2008-06-25	ZA200608042				
US20080147036	A1	2008-06-19	US20080147036				
US20080103473	A1	2008-05-01	US20080103473				
US20080091160	A1	2008-04-17	US20080091160				
JP2007530167	A	2007-11-01	JP2007530167				
JP2007530170	A	2007-11-01	JP2007530170				
BRPI0509304	A	2007-09-04	BR200509304				
BRPI0509342	A	2007-09-04	BR200509342				
IN5999/DELNP/2006	A	2007-08-24	IN2006DN05999				
IN6052/DELNP/2006	A	2007-04-27	IN2006DN06052				
CN1937931	A	2007-03-28	CN1937931				
CN1937979	A	2007-03-28	CN1937979				
EP1740139	A1	2007-01-10	EP1740139				
KR20070003990	A	2007-01-05	KR20070003990				
KR20070003992	A	2007-01-05	KR20070003992				
EP1729605	A1	2006-12-13	EP1729605				
AR048349	A1	2006-04-19	AR--48349				
AR048351	A1	2006-04-19	AR--48351				
AU2005231310	A1	2005-10-20	AU2005231310				
AU2005231314	A1	2005-10-20	AU2005231314				
CA2561158	A1	2005-10-20	CA2561158				
CA2561181	A1	2005-10-20	CA2561181				
WO2005/096855	A1	2005-10-20	WO200596855				
WO2005/097029	A1	2005-10-20	WO200597029				
US20050215972	A1	2005-09-29	US20050215972				
US20050215973	A1	2005-09-29	US20050215973				

Abstract

(EP1729605)

Absorbent articles having a liquid permeable topsheet, a liquid impermeable backsheet, and an absorbent core disposed between said topsheet and said backsheet are disclosed. The absorbent articles include a thermoplastic elastomer joined to or disposed in a stretch zone on at least one component or region of the absorbent article to impart an elastic resistance that provides sizing or shaping capabilities to the article. The absorbent article can be in the form of diapers, pull-on diapers, training pants, sanitary napkins, wipes, bibs, incontinence briefs or inserts.

Inventors

ROE DONALD CARROLL

a back section (7) and an intermediate crotch section (8), wherein the front and back sections (6, 7) are connected to one another along two opposing longitudinal lateral edges (9) to form a waist opening (10) and a pair of leg openings (11). The absorbent core (3) is arranged at least in the crotch section (8) and connected to the covering layer (5) on the side of the covering layer (5) that is intended to face the wearer. The pant part (4) comprises at least one low-opacity area (16), which has an opacity that is lower than 50%, furthermore the article (1) comprises a liquid-tight coloured barrier layer (12) placed between said absorbent core (3) and covering layer (5).

Inventors

LINDSTRÖM ÅSA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

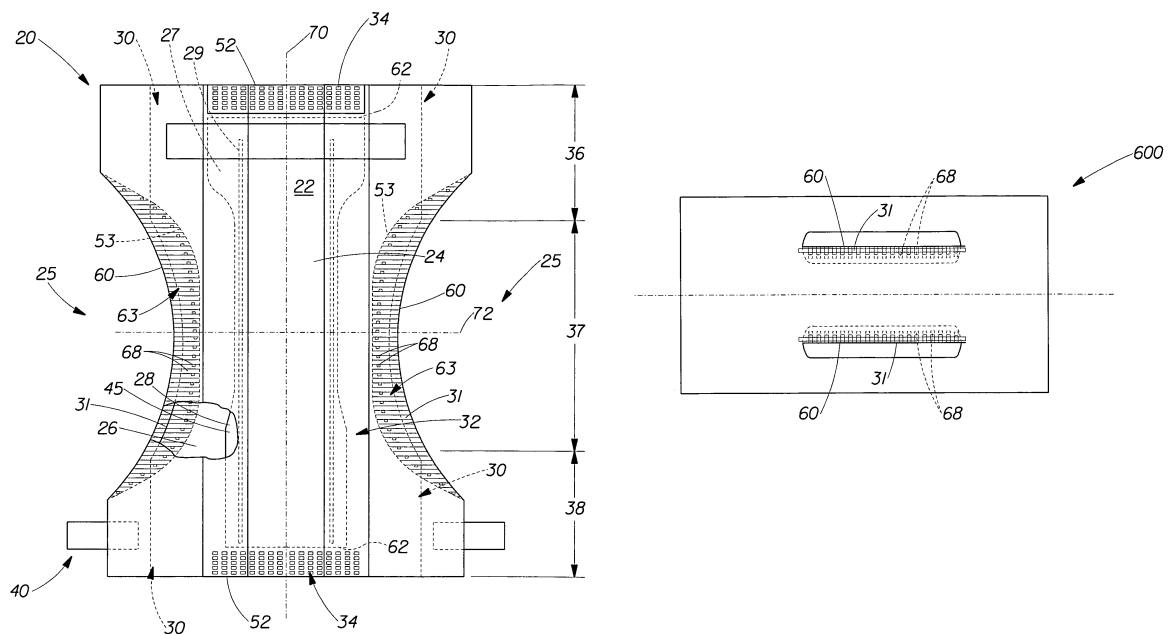
Family 28/100 - FAMPAT - ©Questel

Title

(EP1663091)

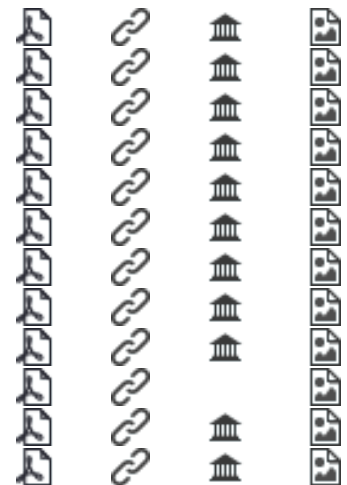
Edge fold having substantially uniform gathers for absorbent article and method for making

Images



Publication numbers with kind code & date

US8772569	B2	2014-07-08	US8772569
EP1663091	B1	2013-12-18	EP1663091
CN1842309	B	2010-10-27	CN1842309B
JP4580931	B2	2010-09-03	JP4580931
US20080215025	A1	2008-09-04	US20080215025
US7368027	B2	2008-05-06	US7368027
JP2007503940	A	2007-03-01	JP2007503940
CN1842309	A	2006-10-04	CN1842309
EP1663091	A1	2006-06-07	EP1663091
MXPA06002324	A	2006-05-22	MX2006PA002324
WO2005/027809	A1	2005-03-31	WO200527809
US20050065491	A1	2005-03-24	US20050065491



Abstract

(EP1663091)

A method for making an edge fold on an absorbent article having longitudinal edges including the steps of activating a portion of an absorbent article along its longitudinal edges to create substantially uniform gathers, folding a portion of the

absorbent article along its longitudinal edges, and bonding a portion of the absorbent article along its longitudinal edges. Said method may include the step of cutting a portion of the absorbent article before the step of folding. Said method may include the step of cutting a portion of the absorbent article after the step of bonding. Said step of activation may include the application of heat to the absorbent article to assist in the activating process, whether before or during activation. Said bonding may be performed by application of adhesive, ultrasonic bonding, compression bonding, thermal bonding, radio frequency bonding, infrared bonding and combinations thereof. Absorbent articles include disposable diapers, sanitary napkins, pantliners, incontinence briefs, and incontinence undergarments. Said step of folding creates an edge fold that substantially covers a portion of a longitudinal edge between a pair of side panels.

Inventors

SCHNEIDER UWE

SCHMITZ CHRISTOPH

JACKELS ADI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 29/100 - FAMPAT - ©Questel

Title

(EP-797423)

Absorbent article with fit enhancement system

Images

EG20695	A	1999-11-30	EG--20695				
CN1216913	A	1999-05-19	CN1216913				
JPH10510733	A	1998-10-20	JP10510733				
CO4650261	A1	1998-09-03	CO4650261A1				
HUT77841	A	1998-08-28	HU-T77841				
BR9510027	A	1998-06-02	BR9510027				
KR19987000045	A	1998-03-30	KR19987000045				
CZ173497	A3	1998-01-14	CZ9701734				
MX9704417	A	1997-10-31	MX9704417				
EP0797423	A2	1997-10-01	EP-797423				
NO972741	L	1997-08-18	NO-972741				
AR000365	A1	1997-06-18	AR----365				
FI972525	A	1997-06-13	FI9702525				
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NO972741	D0	1997-06-13	NO9702741				
PE10697	A1	1997-04-18	PE9700106				
WO96/18367	A3	1996-08-22	WO9618367				
TR199501582	A2	1996-07-21	TR199501582				
AU4509296	A	1996-07-03	AU9645092				
ZA9510711	B	1996-07-02	ZA9510711				
CA2205924	A1	1996-06-20	CA2205924				
WO96/18367	A2	1996-06-20	WO9618367				
IN2283/DEL/1995	A	0	IN1995DE02283				

Abstract

(EP0797423)

Absorbent articles, such as disposable diapers, incontinence briefs, diaper holders, training pants and the like having fit panels that improve body contact of the containment assembly with resulting improved, fit are provided. The fit panels have longitudinal elastic extensibility that provides a body contact force causing the containment assembly to have improved contact with a wearer throughout the full range of wearer motions. An additional benefit of the longitudinal elastic extensibility of the fit panel is the ability of the absorbent article to adapt to the change in body rise dimensions that occurs during normal movement. An alternative embodiment of the invention also provides a stretchable attachment means wherein the waist feature of the absorbent article can be attached to the waistband of a wearer's clothing in a manner such that it can stretch and contract with the waistband while remaining attached.

Inventors

CLEAR SANDRA HINTZ

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STELLJES DENISE MARIE

CUMMINS MERLENE ADAMS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 30/100 - FAMPAT - ©Questel

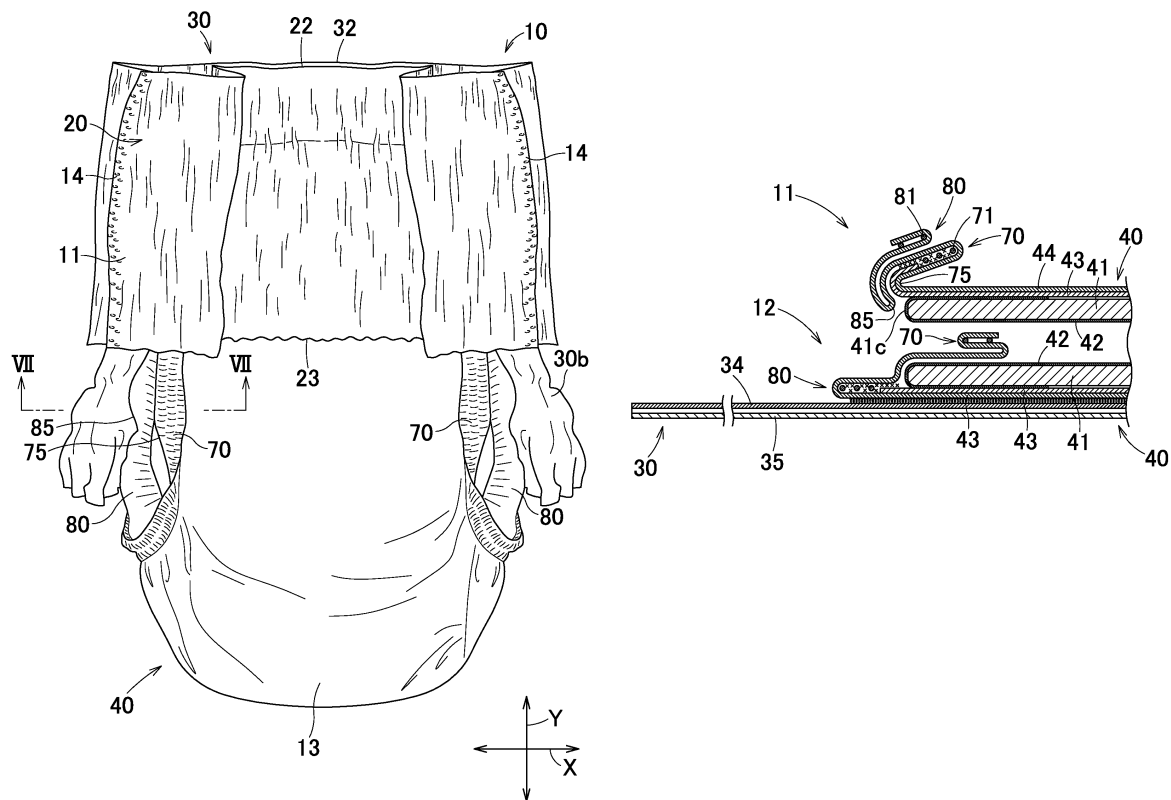
Title

(EP2866759)

Apparatus and method for making a layered elastic substrate

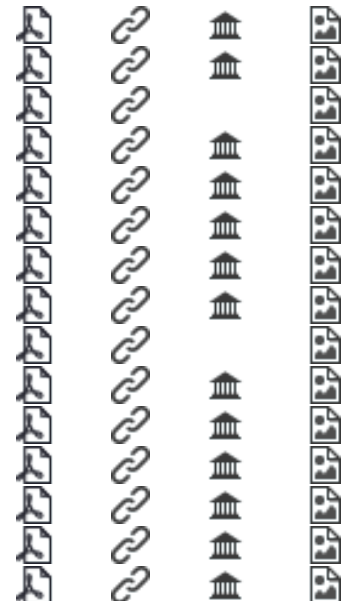
Images

Images



Publication numbers with kind code & date

EP2517681	B1	2018-03-07	EP2517681
TWI519283	B	2016-02-01	TWI519283
MY154042	A	2015-04-27	MY-154042
US8945078	B2	2015-02-03	US8945078
EP2517681	A4	2014-06-04	EP2517681
CN102028583	B	2014-05-07	CN102028583B
IN4907/CHENP/2012	A	2014-02-28	IN2012CN04907
JP5346274	B2	2013-08-23	JP5346274
TH118738	A	2012-12-27	TH-118738
EP2517681	A1	2012-10-31	EP2517681
US20120271269	A1	2012-10-25	US20120271269
TW201138736	A	2011-11-16	TW201138736
JP2011135930	A	2011-07-14	JP2011135930
WO2011/078051	A1	2011-06-30	WO201178051
CN102028583	A	2011-04-27	CN102028583



Abstract

(EP2517681)

A wearing article having a chassis bent in a crotch region. A diaper 10 is folded along an imaginary lateral center line so that front and rear waist regions 11, 12 are in contact with each other and so that front and rear upper end edges 22, 32 in the regions 11, 12 substantially have the same level with each other. In such a folded state, first folds 75 extending in the longitudinal direction Y are defined in portions of gasket cuffs 70 which are biased toward the front waist region 11 relative to the imaginary lateral center line. The first folds 75 are defined along lateral edges of core of a liquid absorbent structure, and the gasket cuffs 70 being located outboard of the lateral edges are folded along the first folds 75 onto a garment-facing side of an outer sheet. Second folds 85 which extend in the longitudinal direction Y are formed in containment cuffs 80. The second folds 85 are lying on a side closer to the front waist region 11 in relation to the imaginary lateral center line, and folded distal ends are expanded and folded to the garment-facing side of the outer sheet.

Inventors

TAKINO SHUNSUKE

Latest standardized assignees - inventors removed

UNICHARM

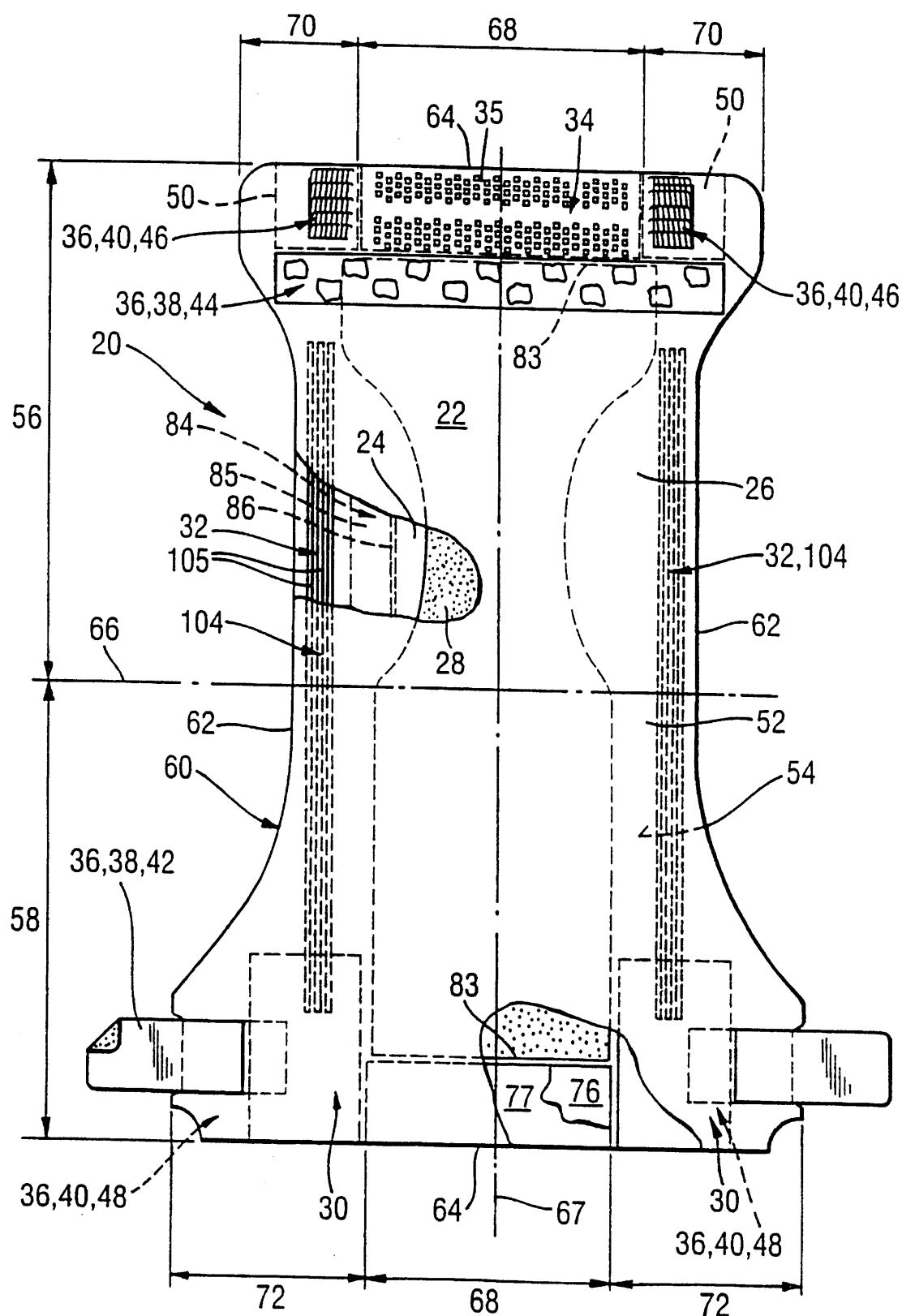
Family 32/100 - FAMPAT - ©Questel

Title

(EP1075240)

Absorbent articles providing improved fit when wet

Images



Publication numbers with kind code & date

JP4498603	B2	2010-04-23	JP4498603
IN230877	B	2009-03-27	IN-230877
CN100408009	C	2008-08-06	CN100408009C
MX241213	B	2006-10-18	MX-241213
CA2329807	C	2006-08-01	CA2329807
HU225177	B1	2006-07-28	HU-225177
CZ296724	B6	2006-05-17	CZ-296724



SA783	B1	2006-05-13	SA----783				
IN0258/DELNP/2000	A	2006-03-03	IN2000DN00258				
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CN1631347	A	2005-06-29	CN1631347				
US6720471	B1	2004-04-13	US6720471				
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TW569768	U	2004-01-01	TW-569768U				
US6664439	B1	2003-12-16	US6664439				
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JP2003521266	A	2003-07-15	JP2003521266				
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EG22665	A	2003-06-30	EG--22665				
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TW421589	B	2001-02-11	TW-421589				
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BR9910051	A	2000-12-26	BR9910051				
BR9910052	A	2000-12-26	BR9910052				
PE20000669	A1	2000-10-06	PE066902000				
PE20000672	A1	2000-10-06	PE067202000				
TW406015	B	2000-09-21	TW-406015				
PE20000604	A1	2000-09-08	PE060402000				
AU3163999	A	1999-11-16	AU9931639				
AU3164199	A	1999-11-16	AU9931641				
AU3164699	A	1999-11-16	AU9931646				
AU7261698	A	1999-11-16	AU9872616				
CA2329787	A1	1999-11-04	CA2329787				
CA2329793	A1	1999-11-04	CA2329793				
CA2329807	A1	1999-11-04	CA2329807				
WO99/55263	A1	1999-11-04	WO9955263				
WO99/55264	A1	1999-11-04	WO9955264				
WO99/55265	A1	1999-11-04	WO9955265				
WO99/55267	A1	1999-11-04	WO9955267				

Abstract

(EP1075240)

An absorbent article, having an absorbent capacity which is lower in the crotch region than compared to the waist regions when being loaded in a vertical arrangement, wherein the Actual Wet Crotch Caliper as determined following a Curved Acquisition Test method can be less than the Saturated Crotch Caliper, and also can be less than the Actual Wet Waist Caliper. Further, the article should have a good rewetting performance.

Inventors

ARNDT SILKE

EHRNSPERGER BRUNO JOHANNES

SCHMIDT MATTIAS

LAVON GARY DEAN

KREUZER CARSTEN HEINRICH

STOELZEL CLAUS PETER

Latest standardized assignees - inventors removed

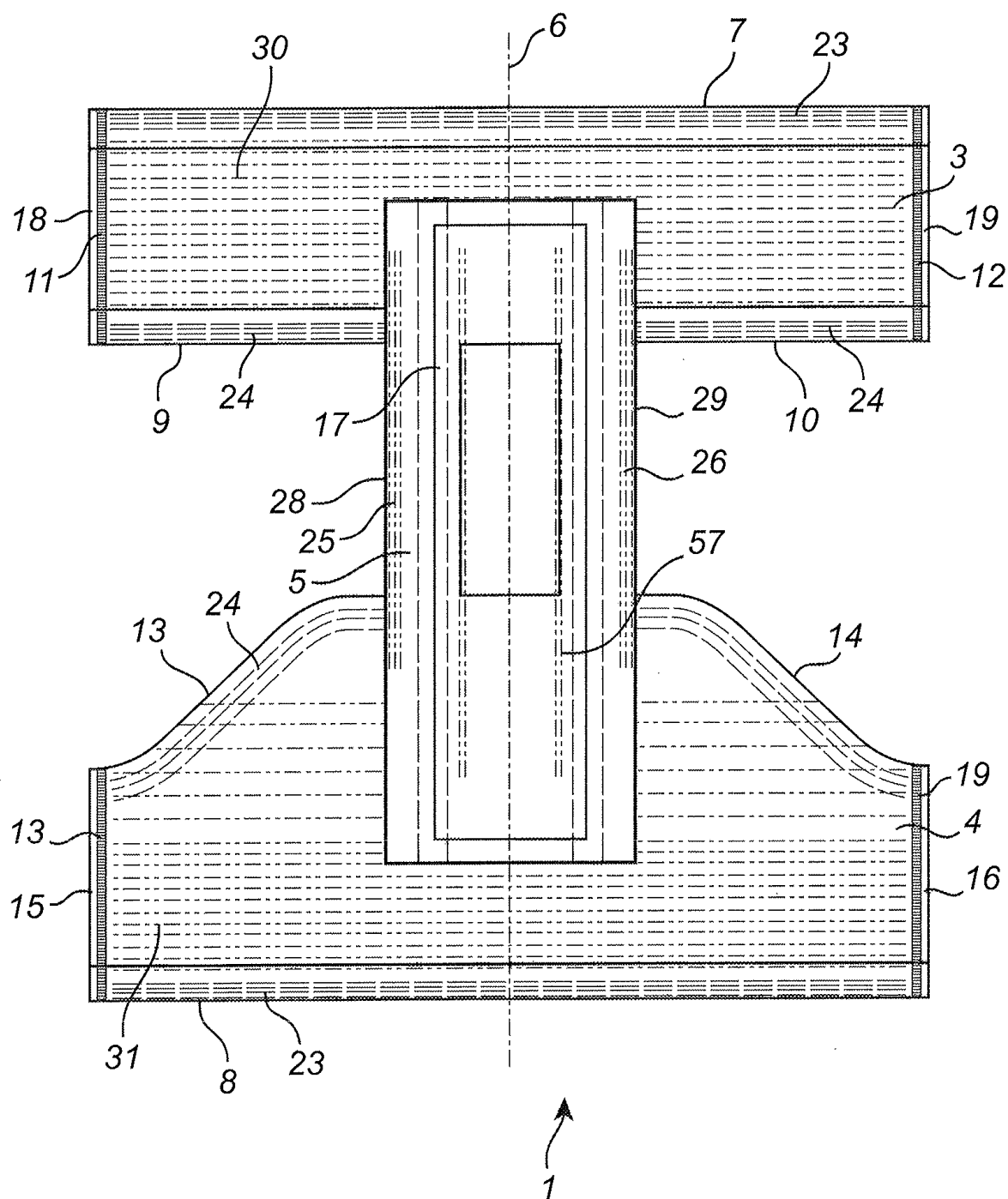
PROCTER & GAMBLE

Family 33/100 - FAMPAT - ©Questel

Title

(EP3544560)

Absorbent article with folded edges to enclose elastic elements and method for manufacturing an absorbent article with folded edges



AU2016430795	B2	2020-01-30	AU2016430795
JP2019535431	A	2019-12-12	JP2019535431
US20190374390	A1	2019-12-12	US20190374390
EP3544560	A1	2019-10-02	EP3544560
MX2019005964	A	2019-07-10	MX2019005964
BR112019008214	A2	2019-07-09	BR112019008214
CN109982669	A	2019-07-05	CN109982669
CO2019005215	A2	2019-05-31	CO2019005215
AU2016430795	A1	2019-05-23	AU2016430795
BR112019008214	A1	2019-04-30	BR112019008214
WO2018/097771	A1	2018-05-31	WO201897771



(EP3544560)

The disclosure relates to an absorbent article (1) having a longitudinal direction, a transverse direction and a thickness direction and comprising a topsheet (32), a backsheet (33) and an absorbent core (17), and also having, in the longitudinal direction, a front portion (3), a back portion (4) and a crotch portion (5) between the front portion (3) and the rear portion (4), wherein the front portion (3) and back portion (4) define a waist edge (7, 8) and a leg edge (9, 10) and the crotch portion (5) defines two crotch edges (28, 29) and wherein a first elastic element (23) extends along the waist edge (7, 8), a second elastic element (24) extends along the leg edge (9, 10) and a third and a fourth elastic element (25, 26) extend along each one of the crotch edges (28, 29). Furthermore, said a sheet (32, 33) or another sheet is folded along said waist edge (7, 8), leg edge (9, 10) and crotch edges (28, 29) so as to enclose at least a part of each corresponding elastic element (23, 24, 25, 26). Also, the disclosure relates to a method for manufacturing an absorbent article (1) as mentioned above.

Inventors

BÄCK LUCAS

LINDLÖF STINA

KLINTE OLSSON ANNA

ERIKSSON KATARINA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH

Family 34/100 - FAMPAT - ©Questel

Title

(EP2236113)

Absorbent article

Images

34 are defined by the lateral zones and the middle zone. The lateral zones lying outside the middle zone as viewed in the transverse direction are partially cutaway to form notches 41. The notches are formed by the lateral zones.

Inventors

MINATO HIRONAO

NAKAJIMA KAIYO

KAMIYAMA RYUICHI

NITTA REIKO

Latest standardized assignees - inventors removed

UNICHARM

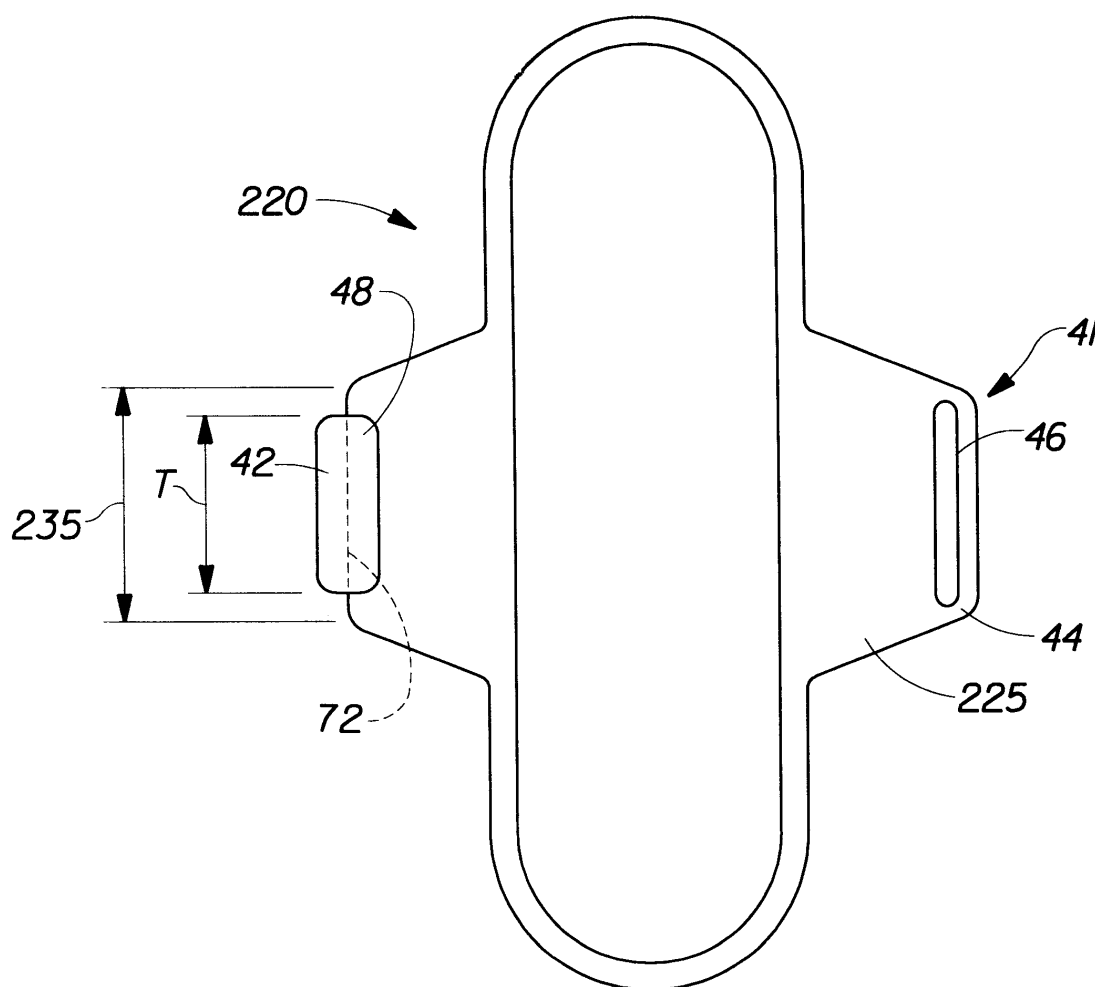
Family 35/100 - FAMPAT - ©Questel

Title

(EP1009350)

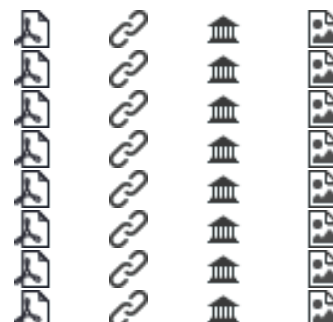
Absorbent article fastening device

Images



Publication numbers with kind code & date

JP4540843	B2	2010-07-02	JP4540843
IN215783	B	2008-03-21	IN-215783
CA2302325	C	2007-01-30	CA2302325
US7101359	B2	2006-09-05	US7101359
IN2636/DEL/1998	A	2006-03-17	IN1998DE02636
CN1226977	C	2005-11-16	CN1226977C
US20050234419	A1	2005-10-20	US20050234419
US6936039	B2	2005-08-30	US6936039



HU223306	B1	2004-05-28	HU-223306				
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JP2003532432	A	2003-11-05	JP2003532432				
ES2192785	T3	2003-10-16	ES2192785				
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EP1009350	B1	2003-05-02	EP1009350				
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KR100359254	B1	2002-11-04	KR100359254				
US6432098	B1	2002-08-13	US6432098				
TW483326	U	2002-04-11	TW-483326U				
US6251097	B1	2001-06-26	US6251097				
IL134758	A	2001-04-30	IL-134758				
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CA2302325	A1	1999-03-11	CA2302325				
CA2510940	A1	1999-03-11	CA2510940				
WO99/11211	A1	1999-03-11	WO9911211				

Abstract

(EP1009350)

A strong, easy to use tab and slot fastening device suitable for use with disposable absorbent articles. The fastening device preferably includes a tab member and a slot member. The slot member has an inboard portion, an outboard portion and a slot. The inboard portion located laterally inboard of the outboard portion and the slot located between the inboard portion and the outboard portion. The tab member has a length, a proximal edge, a distal edge and a lip portion. The tab portion is passed through the slot of the slot member to engage the fastening device. Once passed through the slot, at least the lip portion of the tab member pivots such that it overlaps the outboard portion of the slot member to prevent the tab member from disengaging from the slot member.

Inventors

KLINE MARK JAMES

BECKMAN TRACEY ELAINE

HENRICH THOMAS

GOULAIT DAVID JOSEPH KENNETH

ROBLES MIGUEL ALVARO

FISHER CONSTANCE LEE

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

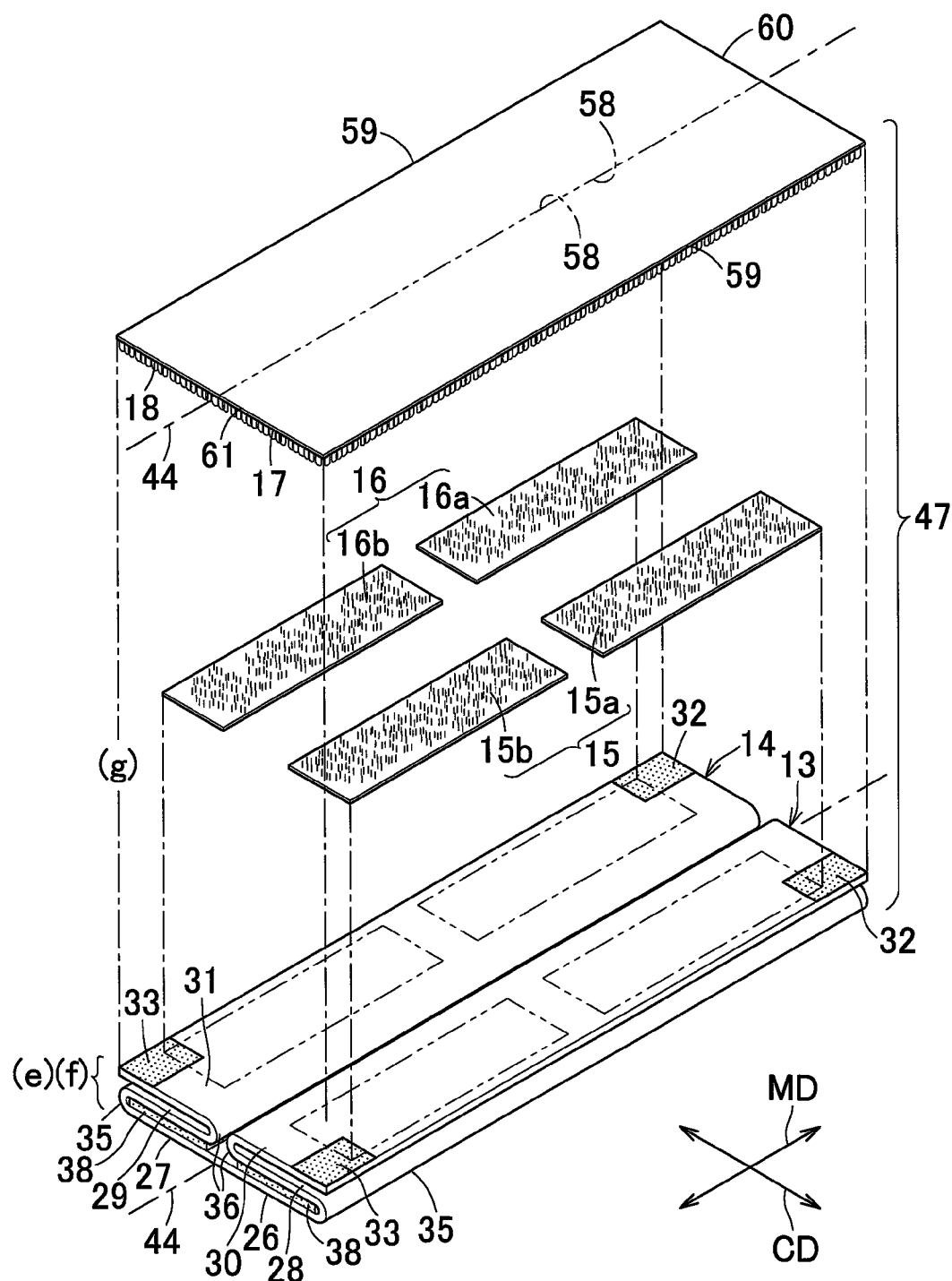
Family 36/100 - FAMPAT - ©Questel

Title

(EP2301500)

Method of making wearing article

Images



Publication numbers with kind code & date

CA2730649	C	2016-05-10	CA2730649
BRPI0910379	A2	2016-04-12	BR200910379
EP2301500	B1	2015-08-05	EP2301500
AU2009272064	B2	2014-09-04	AU2009272064
MY150982	A	2014-03-31	MY-150982
US8580056	B2	2013-11-12	US8580056
CN102143728	B	2013-10-30	CN102143728B
JP5306731	B2	2013-07-05	JP5306731



EP2301500	A4	2013-05-15	EP2301500				
EA201170045	A1	2011-08-30	EA201170045				
CN102143728	A	2011-08-03	CN102143728				
CO6290614	A2	2011-06-20	CO6290614				
US20110114248	A1	2011-05-19	US20110114248				
KR20110052603	A	2011-05-18	KR20110052603				
EP2301500	A1	2011-03-30	EP2301500				
IN0239/KOLNP/2011	A	2011-03-25	IN2011KN00239				
JP2010022486	A	2010-02-04	JP2010022486				
AU2009272064	A1	2010-01-21	AU2009272064				
CA2730649	A1	2010-01-21	CA2730649				
WO2010/007880	A1	2010-01-21	WO201007880				

Abstract

(EP2301500)

The present invention provides a method of making a wearing article improved so that loop elements engaged with the associated hook elements would not ride up or curl up in the course of production process. Mount members 13, 14 are attached to an inner sheet 6 in a front waist region 8 so as to extend along first lateral zones 11 of the front waist region 8 and hook elements 15, 16 are attached to a chassis 2 by the intermediary of these mount members 13, 14. Loop elements 17, 18 are attached to the inner sheet 6 in a rear waist region 9 so as to extend along second lateral zones 12 of the rear waist region 9. Third regions 30, 31 of the respective mount members 13, 14 are formed with sticking zones 32, 33 operatively associated with outer lateral edges of the respective loop elements 17, 18. The sticking zones 32, 33 formed on the respective mount members 13, 14 are temporarily joined to the loop elements 17, 18 as the hook elements 15, 16 are engaged with the associated loop elements 17, 18.

Inventors

KINOSHITA AKIYOSHI

AOYAGI NATSUKO

TANAKA KAYOKO

KENMOCHI YASUHIKO

Latest standardized assignees - inventors removed

UNICHARM

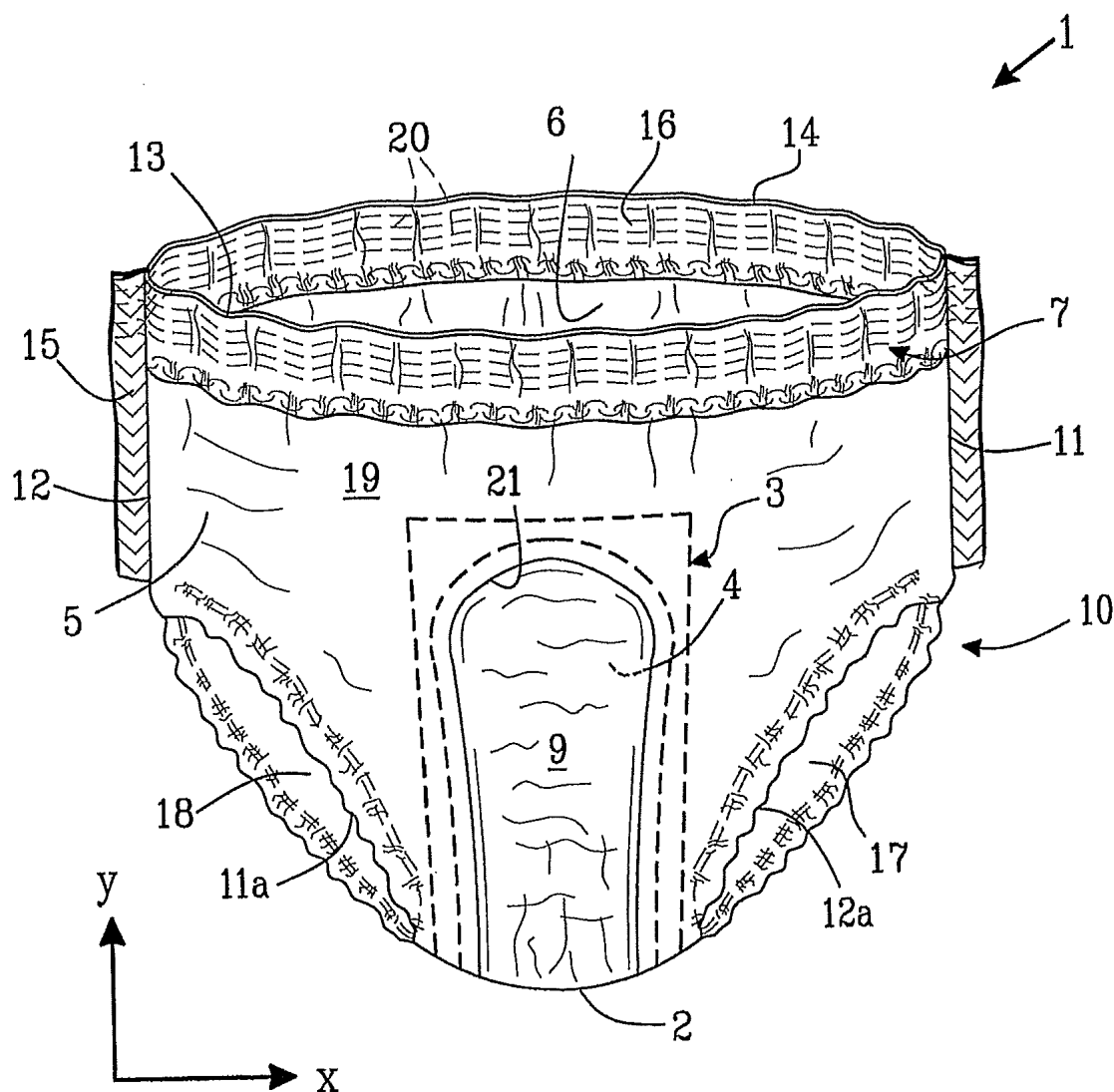
Family 37/100 - FAMPAT - ©Questel

Title

(EP2131803)

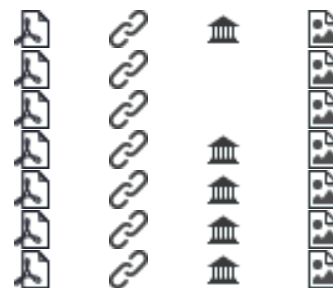
Elastic absorbent article and a method for its manufacture

Images



Publication numbers with kind code & date

BRPI0721471	A2	2013-01-15	BR200721471
RU2420253	C1	2011-06-10	RU2420253
RU2009138234	A	2011-04-27	RU2009138234
US20100069872	A1	2010-03-18	US20100069872
CN101621979	A	2010-01-06	CN101621979
EP2131803	A1	2009-12-16	EP2131803
WO2008/115099	A1	2008-09-25	WO2008115099



Abstract

(EP2131803)

An absorbent article comprises an elastic web material (19) having an aperture (21) formed therein, and an absorbent unit (3) attached to a wearer facing side of the elastic web material (19) so as to cover said aperture. The elastic web material (19) surrounds the absorbent unit (3) on all sides thereof. The absorbent unit (3) is attached to the elastic web material (19) with the elastic web material being in an extended state of at least 30% in both the longitudinal and transverse direction of the article.

Inventors

LINDSTROEM AASA

Latest standardized assignees - inventors removed

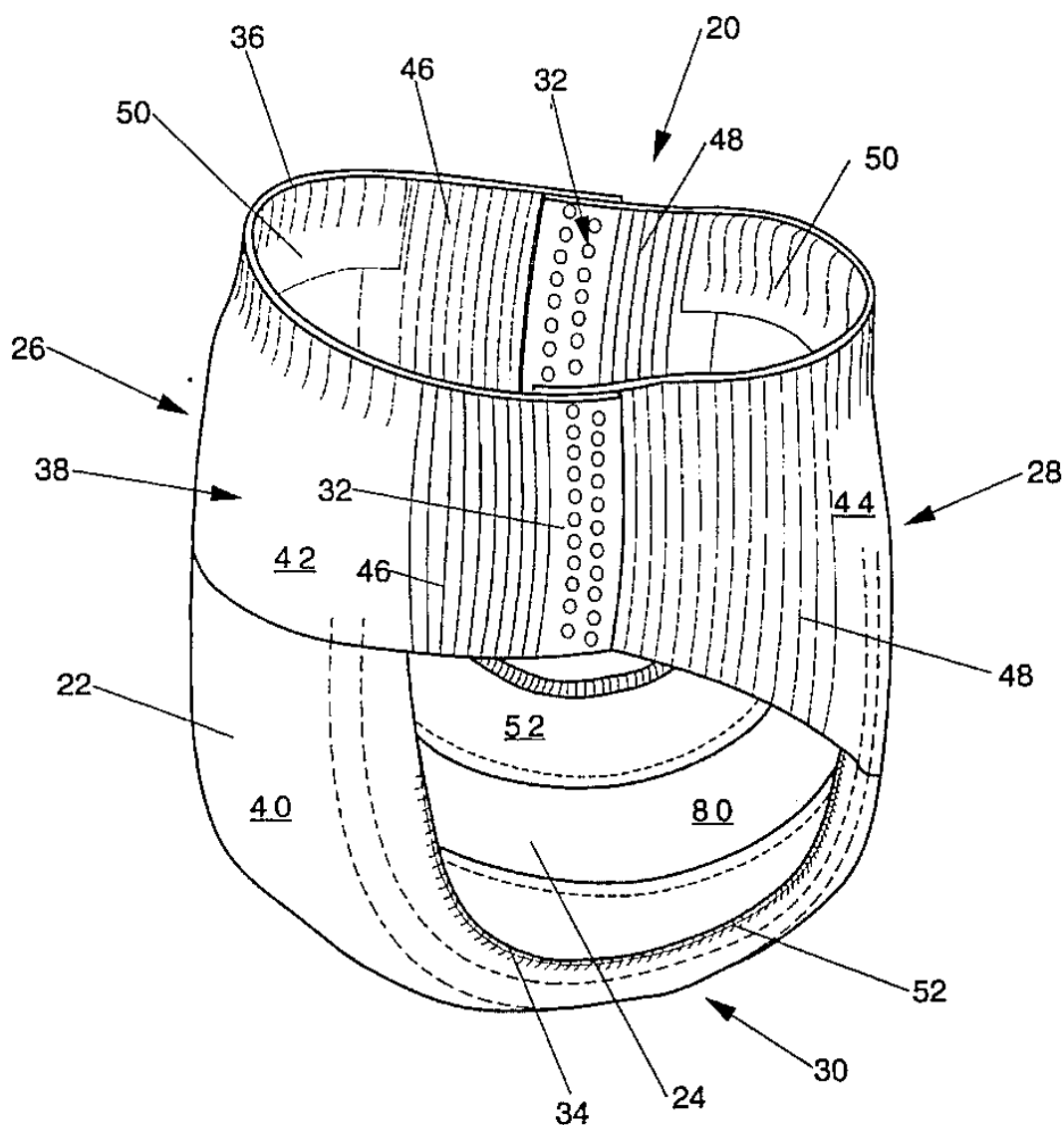
SCA HYGIENE PRODUCTS

Family 38/100 - FAMPAT - ©Questel

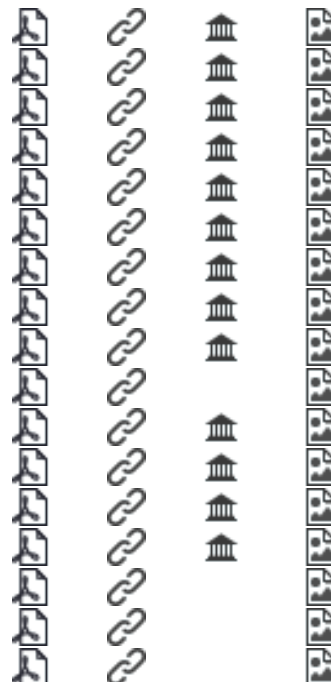
Title

(EP-902674)

Images



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EP0818980	B1	2002-06-26	EP-818980
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TR199701095	T1	1998-03-21	TR199701095				
CZ312697	A3	1998-03-18	CZ9703126				
EP0818980	A1	1998-01-21	EP-818980				
EP0902674	A4	1998-01-07	EP-902674				
NO974541	L	1997-12-03	NO-974541				
AR001552	A1	1997-11-26	AR---1552				
TW319689	B	1997-11-11	TW-319689				
NO974541	D0	1997-10-01	NO9704541				
ID24577	A	1996-11-14	ID--24577				
WO96/31178	A3	1996-11-14	WO9631178				
WO96/31179	A3	1996-11-07	WO9631179				
US5569234	A	1996-10-29	US5569234				
AU5325396	A	1996-10-23	AU9653253				
AU5382996	A	1996-10-23	AU9653829				
CA2216145	A1	1996-10-10	CA2216145				
CA2216640	A1	1996-10-10	CA2216640				
WO96/31178	A2	1996-10-10	WO9631178				
WO96/31179	A2	1996-10-10	WO9631179				
ZA9602691	B	1996-07-25	ZA9602691				

Abstract

(EP0902674)

Pull-on garments provided with a continuous belt (38) in the front region (26) and the back region (28) 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 (40) comprising a continuous sheet that defines a front region, a back region, and a crotch region (30); a first belt layer (42) joined to the chassis layer in the front region; a second belt layer (44) joined to the chassis layer in the back region; elastic laminate panel members (46, 48, 50) 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 (64); and seams (32) joining the front region to the back region so as to form the leg openings (34) and waist openings (36). 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 containment characteristics in the crotch.

Inventors

BUELL KENNETH BARCLAY

CARLIN EDWARD PAUL

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

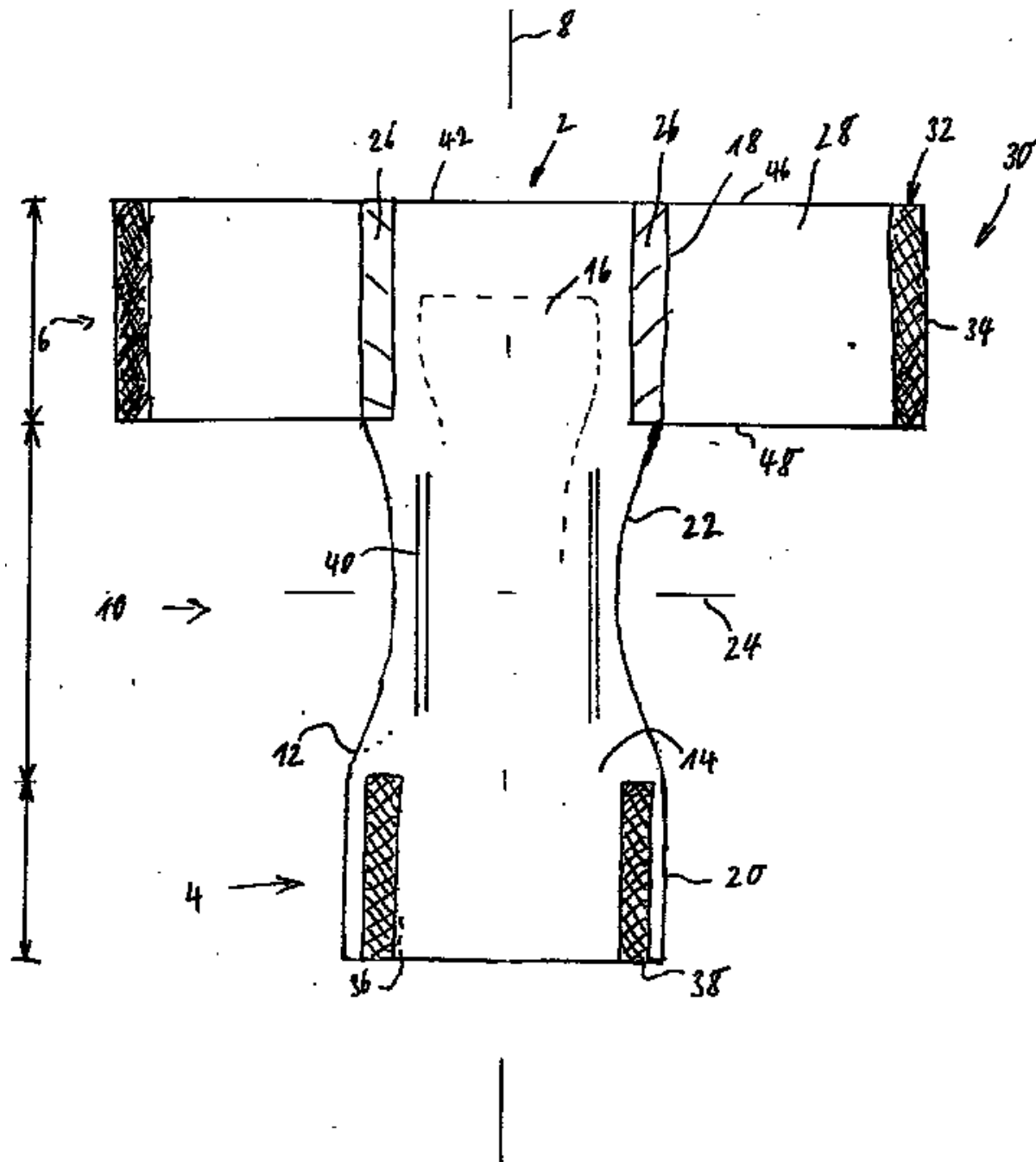
Family 39/100 - FAMPAT - ©Questel

Title

(DE19732551)

Nappy or incontinence pants having hourglass-shaped part

Images

**Publication numbers with kind code & date**

DE19732551	C2	2001-03-08	DE19732551
DE19732551	A1	1999-02-04	DE19732551

**Abstract**

(DE19732551)

A nappy or incontinence pants are disposable and include an hourglass-shaped part (2) with a back section (6), a front section (4) and a crotch section (10) in the middle. The shaped part (2) is symmetrical in relation to a line (24) that runs across the longitudinal direction (8), and elastic material sections (28), provided on the longitudinal edges of the front or back sections (4, 6), are transversely elastic and quadrangular, and carry strip- or tape-like fastenings (32, 38).

Inventors

GAUSE ENNO

Latest standardized assignees - inventors removed

PAUL HARTMANN

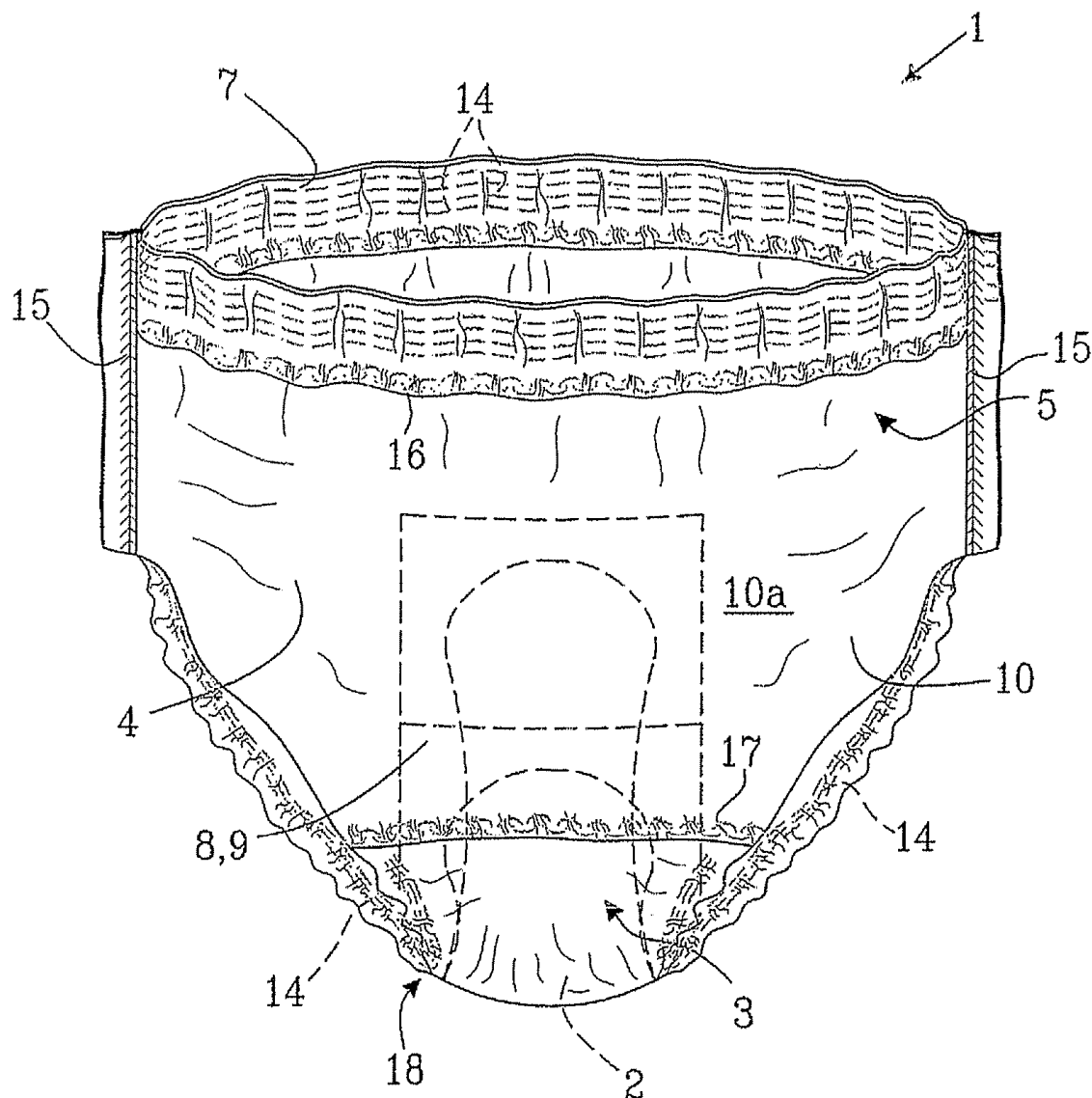
Family 40/100 - FAMPAT - ©Questel

Title

(EP1858462)

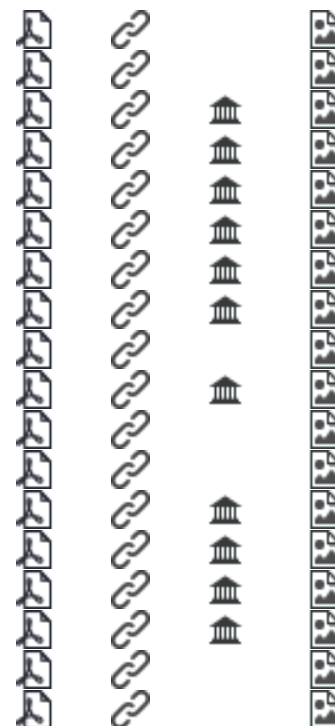
A pant-type absorbent article and method for its manufacture

Images



Publication numbers with kind code & date

MY162100	A	2017-05-31	MY-162100
PL1858462	T3	2014-05-30	PL1858462
ES2448833	T3	2014-03-17	ES2448833
EP1858462	B1	2013-12-11	EP1858462
CA2595425	C	2012-09-25	CA2595425
JP5026288	B2	2012-06-29	JP5026288
US8206365	B2	2012-06-26	US8206365
CN101115453	B	2010-11-17	CN101115453B
RU2366395	C2	2009-09-10	RU2366395
BRPI0520061	A2	2009-04-14	BR200520061
RU2007136345	A	2009-04-10	RU2007136345
TNSN07333	A1	2008-12-31	TN0700333
JP2008531179	A	2008-08-14	JP2008531179
CN101115453	A	2008-01-30	CN101115453
US20080009817	A1	2008-01-10	US20080009817
EP1858462	A1	2007-11-28	EP1858462
KR20070110507	A	2007-11-19	KR20070110507
MX2007009160	A	2007-09-12	MX2007009160



IN5591/DELNP/2007	A	2007-08-17	IN2007DN05591				
AR053321	A1	2007-05-02	AR--53321				
TW200631559	A	2006-09-16	TW200631559				
AU2005328390	A1	2006-09-08	AU2005328390				
CA2595425	A1	2006-09-08	CA2595425				
WO2006/093440	A1	2006-09-08	WO200693440				

Abstract

(EP1858462)

A pant-type absorbent article having a core region (3) and a front (5) and a back panel (6) comprising an elastic web material (10) constituting the sole component of at least part of the front and/or back panels, said article further having an elastic waistband (7) joined to the elastic web material (10). The waistband comprises a first and a second ply (20, 21) of non-elastic web material (22) enclosing between them at least one elongate elastic member (14), wherein the first ply (20) is secured to one side of the elastic web material (10) and the second ply (21) of is secured to the opposite side of the elastic web material just opposite the first ply. The first and second plies are secured to the elastic web material (10) while this is in a stretched condition so as to form gathers (29) along the waistband seam (16) when the elastic web material (10) is in a relaxed position.

Inventors

NORRBY NICLAS

Latest standardized assignees - inventors removed

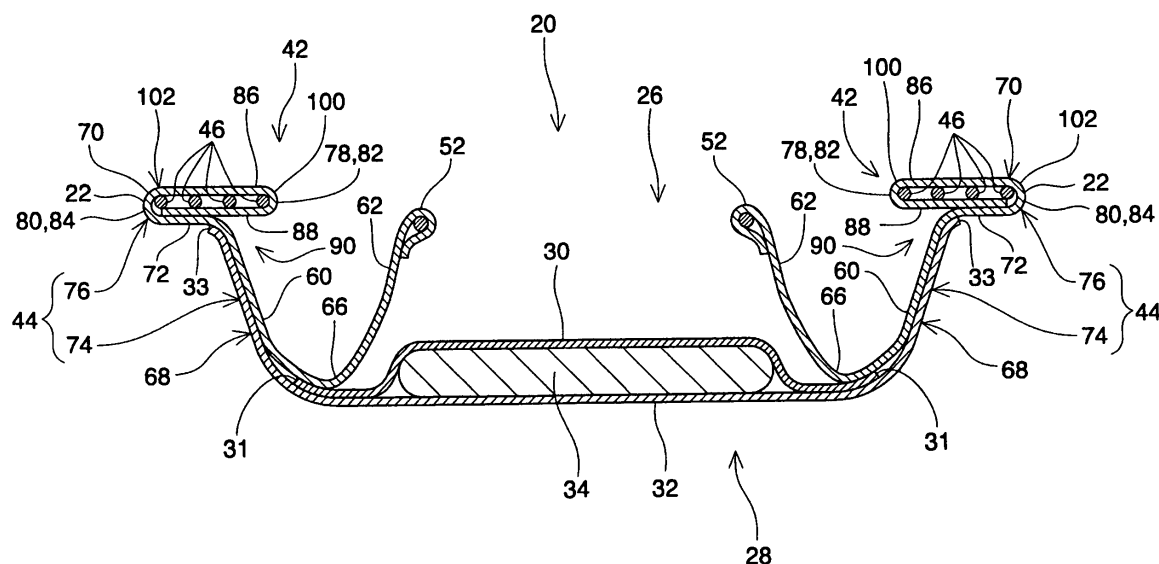
ESSITY HYGIENE & HEALTH AKTIEBOLAG

Family 41/100 - FAMPAT - ©Questel

Title

(WO200402386)

Disposable absorbent article having elasticized outer leg cuff

Images**Publication numbers with kind code & date**

US20160166445	A1	2016-06-16	US20160166445				
US9301889	B2	2016-04-05	US9301889				
JP5792245	B2	2015-08-14	JP5792245				
US20140074057	A1	2014-03-13	US20140074057				
JP2014012211	A	2014-01-23	JP2014012211				
US8613737	B2	2013-12-24	US8613737				
JP5148520	B2	2012-12-07	JP5148520				
JP2011235157	A	2011-11-24	JP2011235157				

US20110288519	A1	2011-11-24	US20110288519				
US8062279	B2	2011-11-22	US8062279				
CN1662200	B	2010-05-26	CN1662200B				
JP2009136697	A	2009-06-25	JP2009136697				
US20070149943	A1	2007-06-28	US20070149943				
JP2005530594	A	2005-10-13	JP2005530594				
CN1662200	A	2005-08-31	CN1662200				
AU2003247670	A1	2004-01-19	AU2003247670				
WO2004/002386	A1	2004-01-08	WO200402386				
US20040002690	A1	2004-01-01	US20040002690				

Abstract

(WO2004/002386)

The present invention is directed to a disposable absorbent article. The disposable absorbent article has a longitudinal centerline, a lateral centerline, an outer surface and an inner surface. The absorbent article is folded before use along the lateral direction. The disposable absorbent article comprises a liquid pervious topsheet, a liquid impervious backsheet, an absorbent core disposed therebetween, and an elasticized outer leg cuff. The elasticized outer leg cuff is disposed adjacent to a longitudinal side edge of the absorbent article. The elasticized outer leg cuff has a base and a gasket cuff supported by the base at a joint of the base to the gasket cuff. The gasket cuff is provided with elasticity and has a top gasket cuff surface, an inner cuff extending laterally inwardly from the joint and an outer cuff extending laterally outwardly from the joint. Before use of the absorbent article, the elasticized outer leg cuff is folded laterally inwardly onto the inner surface of the absorbent article such that the top gasket cuff surface faces upwardly.

Inventors

MIYAMOTO KOUICHI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

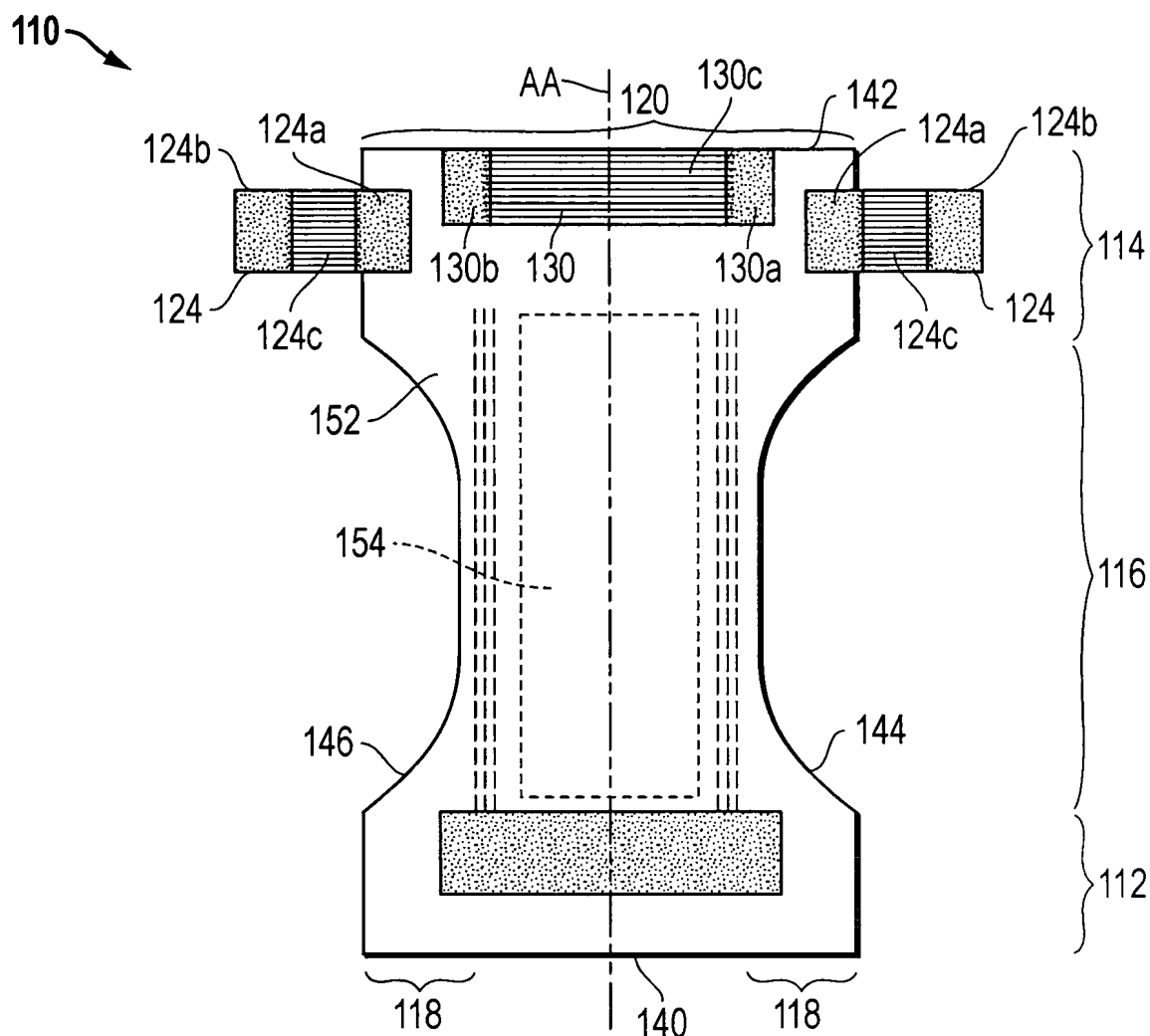
Family 42/100 - FAMPAT - ©Questel

Title

(EP1691752)

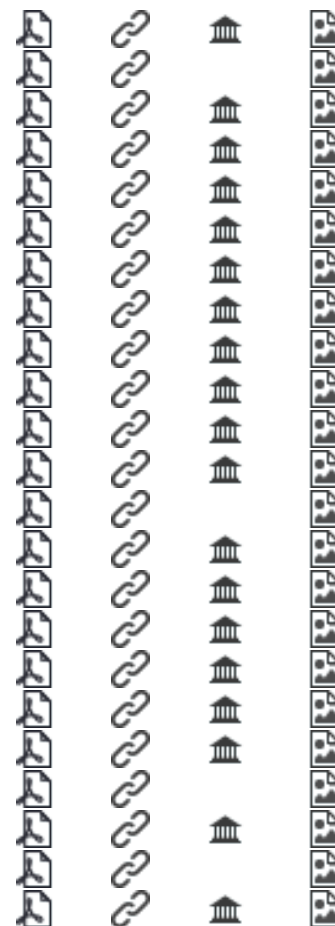
An elastic composite for a disposable absorbent garment

Images



Publication numbers with kind code & date

CN101584625	B	2016-11-30	CN101584625B
PL1691752	T3	2015-07-31	PL1691752
BRPI0417512	B1	2015-05-26	BR200417512
ES2529035	T3	2015-02-16	ES2529035
EP1691752	B1	2014-12-17	EP1691752
US20140128831	A1	2014-05-08	US20140128831
US8568377	B2	2013-10-29	US8568377
CA2685415	C	2013-06-25	CA2685415
US20130090622	A1	2013-04-11	US20130090622
US8257332	B2	2012-09-04	US8257332
AU2004305438	B2	2010-07-22	AU2004305438
CA2550196	C	2010-02-09	CA2550196
MY140334	A	2009-12-31	MY-140334
CN101584625	A	2009-11-25	CN101584625
CN100508929	C	2009-07-08	CN100508929C
US20090124992	A1	2009-05-14	US20090124992
US7462172	B2	2008-12-09	US7462172
BRPI0417512	A	2007-03-06	BR200417512
CN1905850	A	2007-01-31	CN1905850
MXPA06006675	A	2007-01-26	MX2006PA006675
EP1691752	A1	2006-08-23	EP1691752
AR048482	A1	2006-05-03	AR--48482
AU2004305438	A1	2005-07-07	AU2004305438



CA2550196	A1	2005-07-07	CA2550196				
CA2685415	A1	2005-07-07	CA2685415				
WO2005/060910	A1	2005-07-07	WO200560910				
US20050131373	A1	2005-06-16	US20050131373				

Abstract

(EP1691752)

An elastic composite is provided in a disposable absorbent garment such as a diaper or training pants. The elastic composite has a base layer, a top layer, and an elastic construction disposed therebetween. The elastic construction includes a plurality of spaced apart (e.g generally equally spaced apart) elastic elements (e.g strands or threads) that are aligned in a generally cross machine direction and in generally parallel relation. Further, the top and base layers define a first longitudinally extending side edge and a second longitudinally extending side edge between which, the elastic construction is disposed. The elastic composite further includes as elasticized region, wherein the elastic construction is disposed, a first non-elasticized region disposed between the first side edge and the elasticized region, and a second non-elasticized region disposed between the second side edge and the elasticized region.

Inventors

CHANG KUO-SHU EDWARD

SMID ANNE

TSANG PATRICK KING YU

WRIGHT ANDREW C

Latest standardized assignees - inventors removed

DSG TECHNOLOGY HOLDINGS

Family 43/100 - FAMPAT - ©Questel

Title

(EP-674499)

Absorbent article having an upstanding transverse partition

Images

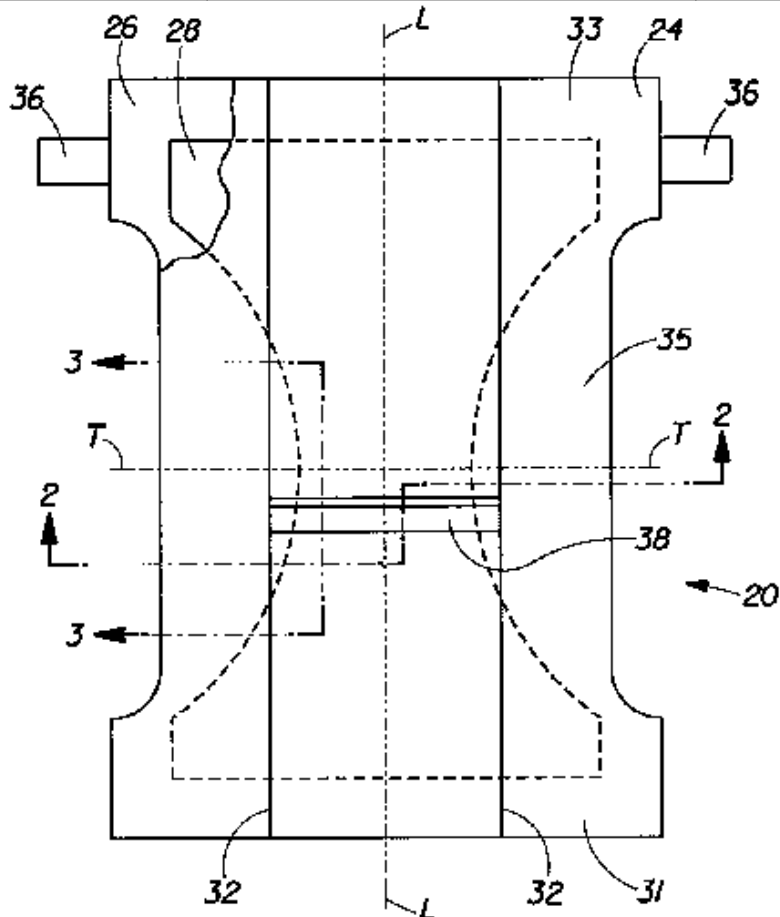


Fig. 1

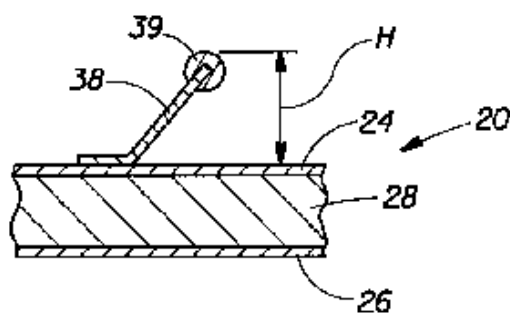


Fig. 3

Publication numbers with kind code & date

MY131375	A	2007-08-30	MY-131375
JP3375635	B2	2003-02-10	JP3375635
KR100322905	B1	2002-10-18	KR100322905
DE69320204	T3	2002-05-23	DE69320204
CN1080106	C	2002-03-06	CN1080106C
ES2119156	T5	2001-12-16	ES2119156
DK674499	T4	2001-10-08	DK-674499T
EP0674499	B2	2001-08-29	EP-674499
VN0001736	B	2001-03-26	VN---1736B
HU218519	B	2000-09-28	HU-218519
HK1012943	A1	2000-06-23	HK1012943



US6010490	A	2000-01-04	US6010490				
BR9307674	A	1999-09-08	BR9307674				
CA2149126	C	1999-07-20	CA2149126				
SG63580	A1	1999-03-30	SG--63580				
DE69320204	T2	1999-01-21	DE69320204				
GR3027596	T3	1998-11-30	GR3027596				
DK674499	T3	1998-11-02	DK-674499T				
CZ284262	B6	1998-10-14	CZ-284262				
ES2119156	T3	1998-10-01	ES2119156				
DE69320204	D1	1998-09-10	DE69320204				
AT169208	T	1998-08-15	ATE169208				
EP0674499	B1	1998-08-05	EP-674499				
AU691481	B2	1998-05-21	AU-691481				
NZ259229	A	1998-01-26	NZ-259229				
EG20197	A	1997-10-30	EG--20197				
TW297766	B	1997-02-11	TW-297766				
JPH08504637	A	1996-05-21	JP08504637				
HUT72121	A	1996-03-28	HU-T72121				
CZ153495	A3	1996-01-17	CZ9501534				
KR19950703914	A	1995-11-17	KR19957003914				
KR950703914	A	1995-11-17	KR19950703914				
EP0674499	A1	1995-10-04	EP-674499				
HU9501787	D0	1995-08-28	HU9501787				
TR27778	A	1995-08-09	TR--27778				
FI953007	A	1995-06-16	FI9503007				
FI953007	A0	1995-06-16	FI9503007				
NO952363	L	1995-06-15	NO-952363				
NO952363	D0	1995-06-15	NO9502363				
PE3695	A1	1995-02-09	PE9500036				
CN1090163	A	1994-08-03	CN1090163				
AU5746994	A	1994-07-19	AU9457469				
CA2149126	A1	1994-07-07	CA2149126				
WO94/14395	A1	1994-07-07	WO9414395				
MA23055	A1	1994-07-01	MA--23055				

Abstract

(EP0674499)

A disposable absorbent article having a transverse partition. The transverse partition is upstanding from the topsheet and presents an abrupt discontinuity out of the plane of the disposable absorbent article and obstructs fecal material deposited in the rear portion of the disposable absorbent article from migrating to the front portion of the disposable absorbent article. This obstruction minimizes soiling of the genitalia of the wearer. The disposable absorbent article may have upstanding barrier leg cuffs. The transverse partition may connect the barrier leg cuffs to form an H-shape.

Inventors

FREELAND MARY ELAINE

DRAGOO JERRY LAYNE

ALLEN PATRICK JAY

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

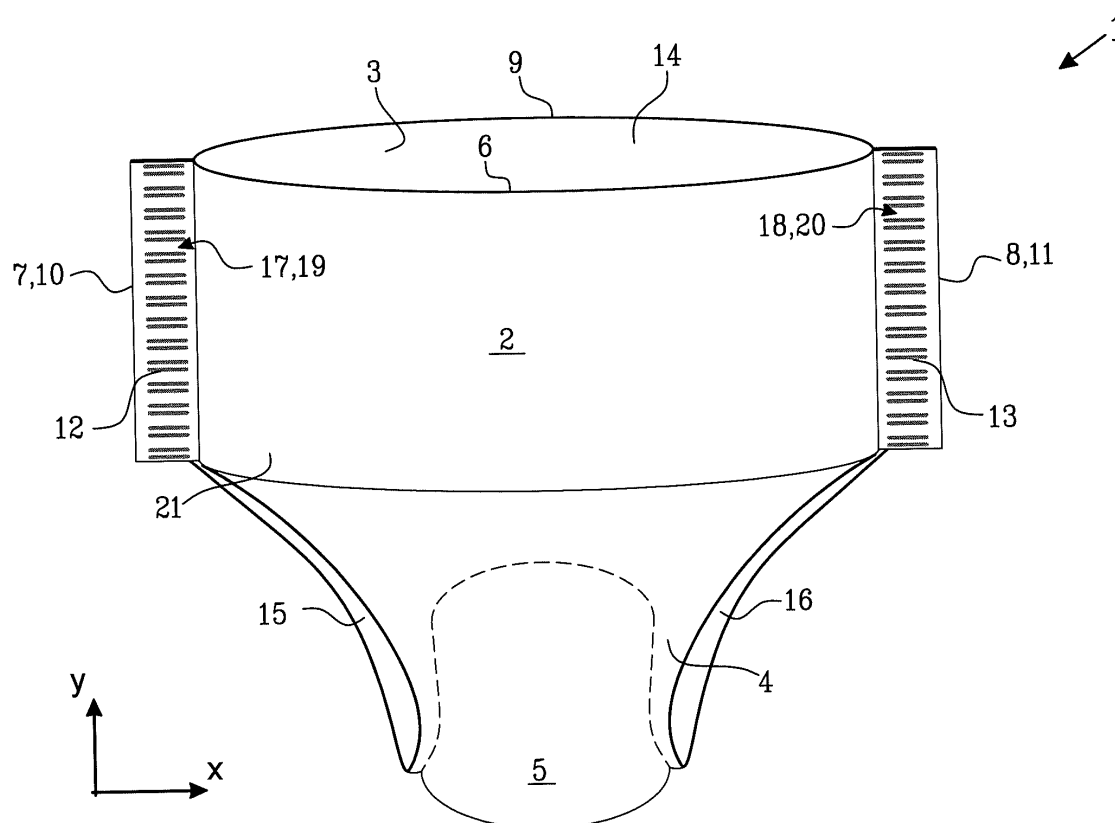
Family 44/100 - FAMPAT - ©Questel

Title

(EP3256087)

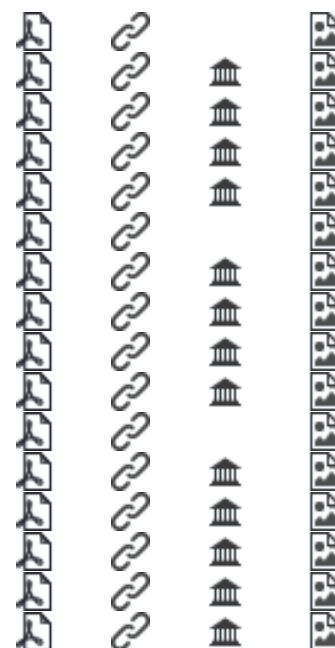
Pant-type absorbent article

Images



Publication numbers with kind code & date

PL3256087	T3	2019-11-29	PL3256087
JP6541792	B2	2019-07-10	JP6541792
EP3256087	B1	2019-06-26	EP3256087
US10166153	B2	2019-01-01	US10166153
EP3256087	A4	2018-07-25	EP3256087
RU2662206	C1	2018-07-24	RU2662206
BR112017015794	A2	2018-03-27	BR112017015794
JP2018505736	A	2018-03-01	JP2018505736
US20180021186	A1	2018-01-25	US20180021186
EP3256087	A1	2017-12-20	EP3256087
MX2017010209	A	2017-12-20	MX2017010209
AU2015382479	B2	2017-11-30	AU2015382479
CN107205870	A	2017-09-26	CN107205870
BR112017015794	A1	2017-08-01	BR112017015794
AU2015382479	A1	2017-07-13	AU2015382479
WO2016/130049	A1	2016-08-18	WO2016130049



Abstract

(EP3256087)

The invention refers to pant-type absorbent article, such as a pant diaper, a sanitary pant or incontinence pant. The article comprises a front portion (2), a back portion (3) and a crotch portion (4), wherein lateral side portions (17,18;19,20) of the front portion (2) and back portion (3) are superposed so that their inner surfaces face each other and being joined to each

other along side seams (12,13). At least part of, including said lateral side portions (17,18;19,20), of said front and back portions comprises an elastic laminate (21) comprising first and second fibrous layers (22;23) and an elastic film layer (24) located there between, the first fibrous layer (22) forms an inner wearer-facing side of the elastic laminate (21) having a basis weight of between 13 and 30 g/m² and the basis weight of the first fibrous layer is between 10 and 300 % higher than the basis weight of the second fibrous layer (23), and wherein the first fibrous layers (22) face each other along said side seams (12,13).

Inventors

WÅGDAHL INGE

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

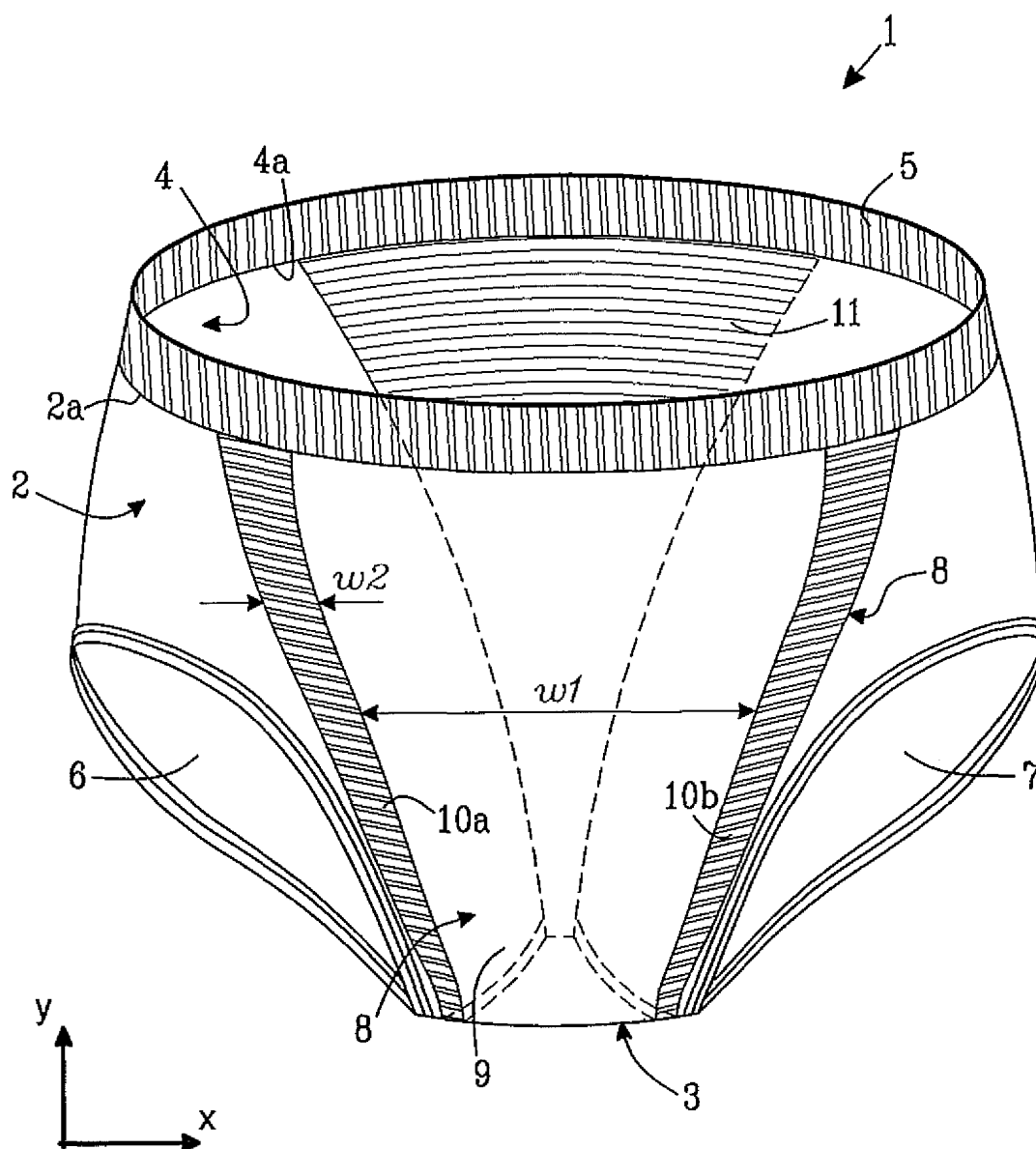
Family 45/100 - FAMPAT - ©Questel

Title

(EP2830563)

Undergarment having zones with different longitudinal elongation

Images



Publication numbers with kind code & date

PL2830563

T3 2017-09-29

PL2830563

EP2830563

B1 2017-05-10

EP2830563



BR112014024372	A1	2017-01-24	BR112014024372				
CN104271100	B	2016-06-29	CN104271100B				
RU2580502	C1	2016-04-10	RU2580502				
US9301551	B2	2016-04-05	US9301551				
EP2830563	A4	2015-12-23	EP2830563				
US20150181947	A1	2015-07-02	US20150181947				
EP2830563	A1	2015-02-04	EP2830563				
CN104271100	A	2015-01-07	CN104271100				
WO2013/147658	A1	2013-10-03	WO2013147658				

Abstract

(EP2830563)

The invention refers to a pant mainly adapted to hold an absorbent pad therein. The pant comprises front part (2; 32), a back part (4; 34) and a crotch part (3; 33), a waist portion and a pair of leg openings. The pant further comprises a suspending member (8; 38) formed of elastic material and comprising zones of different elasticity. A first elastic zone (9; 39) having a relatively higher elongation is provided in a longitudinally extending central region of the crotch part (3; 33), and a pair of second elastic zones (10a, b; 40a, b) having a relatively lower elongation extend along both sides of the first elastic zone at or close to the leg openings in the crotch part. The first and second elastic zones extend to the front part with the second elastic zones extending along both sides of the first zone. A third zone (11; 41) having a relatively lower elongation as compared to the first elastic zone may extend longitudinally along a central region of the back part (4).

Inventors

BÄCK LUCAS

CARNEY JOSHUA

VARTIAINEN KENT

KARLSEN KRESTEN

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

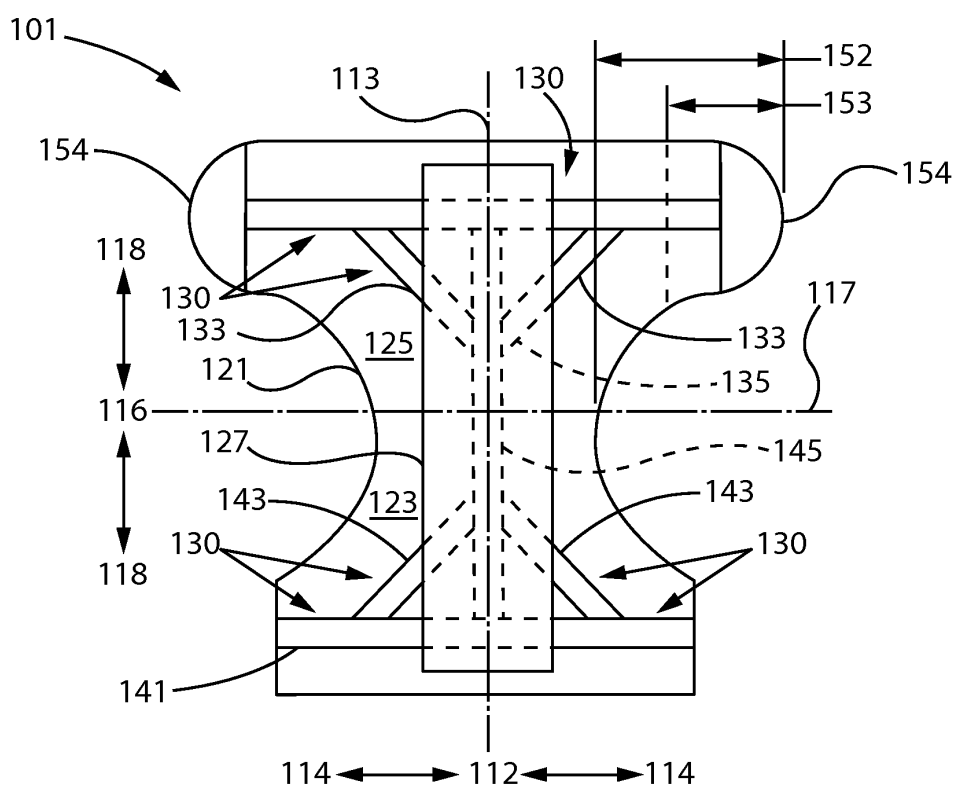
Family 46/100 - FAMPAT - ©Questel

Title

(EP2376042)

Reusable outer cover for an absorbent article having zones of varying properties

Images



Publication numbers with kind code & date

US9387138	B2	2016-07-12	US9387138
BRPI1006801	A2	2016-04-12	BR201006801
BRPI1006803	A2	2016-04-12	BR201006803
BRPI1007489	A2	2016-02-16	BR201007489
BRPI1006887	A2	2016-01-26	BR201006887
US9089456	B2	2015-07-28	US9089456
CN102281851	B	2015-04-22	CN102281851B
US8998870	B2	2015-04-07	US8998870
EP2391324	A4	2014-12-17	EP2391324
CN102281847	B	2014-10-22	CN102281847B
CA2749976	C	2014-10-14	CA2749976
JP5591826	B2	2014-08-08	JP5591826
CN102281844	B	2014-07-16	CN102281844B
JP5497067	B2	2014-03-14	JP5497067
JP5400173	B2	2013-11-01	JP5400173
US20130226122	A1	2013-08-29	US20130226122
JP5242808	B2	2013-04-12	JP5242808
BRPI1006801	A1	2012-11-20	BR201006801
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BRPI1006887	A1	2012-11-20	BR201006887
BRPI1006889	A1	2012-11-20	BR201006889
BRPI1007489	A1	2012-11-20	BR201007489
JP2012514505	A	2012-06-28	JP2012514505
JP2012514506	A	2012-06-28	JP2012514506
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JP2012514529	A	2012-06-28	JP2012514529				
DE202010017694	U1	2012-06-14	DE202010017694				
CN102281844	A	2011-12-14	CN102281844				
CN102281846	A	2011-12-14	CN102281846				
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EP2391324	A1	2011-12-07	EP2391324				
EP2376042	A1	2011-10-19	EP2376042				
EP2376043	A1	2011-10-19	EP2376043				
EP2376044	A1	2011-10-19	EP2376044				
EP2376045	A1	2011-10-19	EP2376045				
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MX2011007576	A	2011-08-04	MX2011007576				
MX2011007579	A	2011-08-04	MX2011007579				
CA2749486	A1	2010-07-22	CA2749486				
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CA2749942	A1	2010-07-22	CA2749942				
CA2749944	A1	2010-07-22	CA2749944				
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WO2010/083305	A1	2010-07-22	WO201083305				
WO2010/083306	A1	2010-07-22	WO201083306				
WO2010/083394	A1	2010-07-22	WO201083394				
WO2010/083396	A1	2010-07-22	WO201083396				
WO2010/083398	A1	2010-07-22	WO201083398				
US20100176033	A1	2010-07-15	US20100176033				
US20100179498	A1	2010-07-15	US20100179498				
US20100179499	A1	2010-07-15	US20100179499				
US20100179502	A1	2010-07-15	US20100179502				

Abstract

(EP2376042)

An absorbent article having a reusable outer cover and, optionally, an absorbent insert. The reusable outer cover has zones of varying properties. The properties of the different zones are varied to provide different performance features in different parts of the outer cover. The outer cover with zones of varying properties may provide competing or contradictory functionalities for improved comfort, fit, leakage protection, and aesthetic appeal.

Inventors

ROE DONALD CARROLL

WIGGINS ELAINE MARY

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 47/100 - FAMPAT - ©Questel

Title

(EP-959855)

Elastomeric side panel for use with convertible absorbent articles

Images

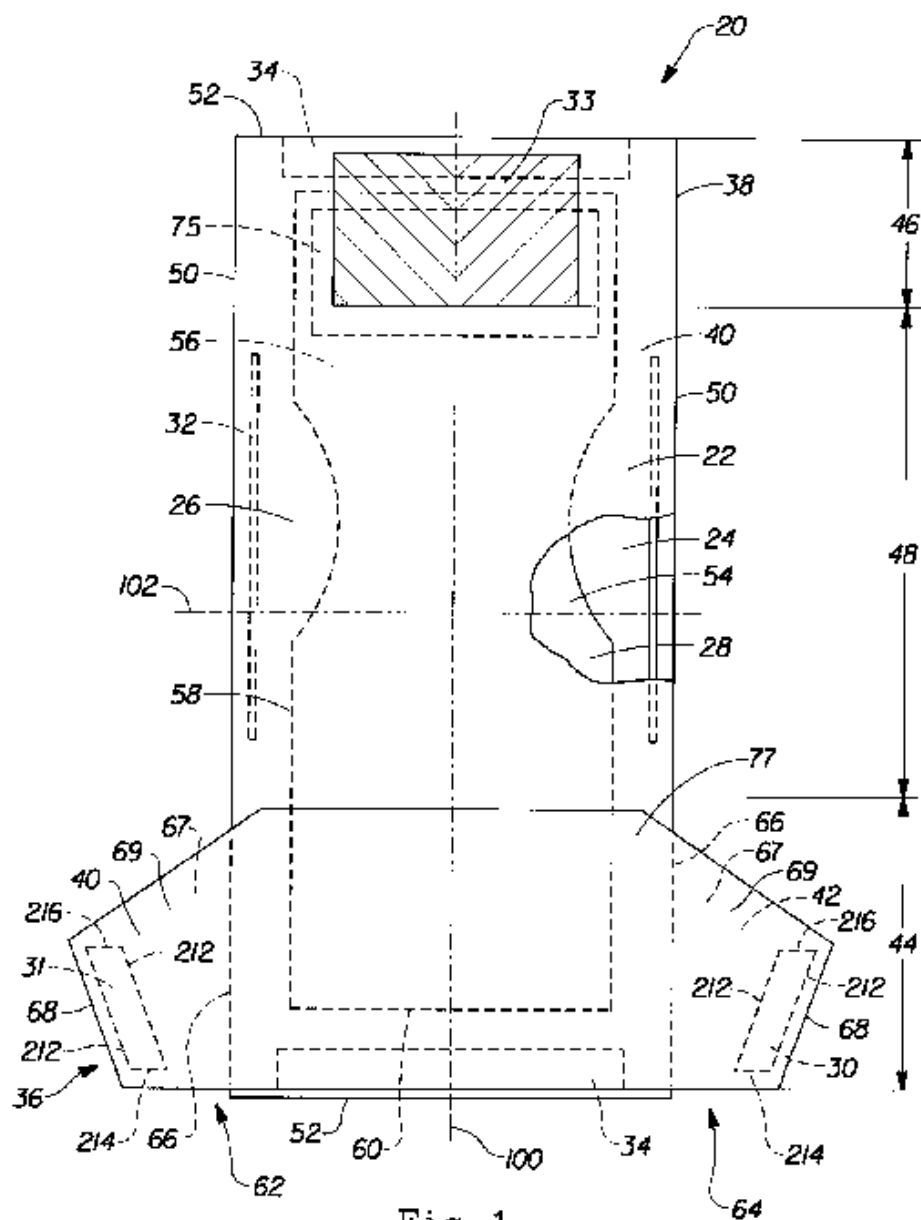


Fig. 1

Publication numbers with kind code & date

IN0842/DEL/1997	A	2016-08-31	IN1997DE00842
JP4180598	B2	2008-09-05	JP4180598
JP2008068144	A	2008-03-27	JP2008068144
DE69717499	T3	2008-01-17	DE69717499
EP0959855	B2	2007-07-18	EP-959855
JP3850839	B2	2006-09-08	JP3850839
JP3847570	B2	2006-09-01	JP3847570
JP2006055669	A	2006-03-02	JP2006055669
JP3647878	B2	2005-02-18	JP3647878
JP2004121867	A	2004-04-22	JP2004121867
DE69717499	T2	2003-07-17	DE69717499



DE69717499	D1	2003-01-09	DE69717499				
AT228346	T	2002-12-15	ATE228346				
EP0959855	B1	2002-11-27	EP-959855				
KR100322310	B1	2002-06-20	KR100322310				
JP2001321399	A	2001-11-20	JP2001321399				
TW462281	U	2001-11-01	TW-462281U				
KR20000005239	A	2000-01-25	KR20000005239				
EP0959855	A1	1999-12-01	EP-959855				
US5957908	A	1999-09-28	US5957908				
AR006485	A1	1999-08-25	AR---6485				
BR9708519	A	1999-08-03	BR9708519				
JPH11507286	A	1999-06-29	JP11507286				
CO4790147	A1	1999-05-31	CO4790147A1				
US5897545	A	1999-04-27	US5897545				
PE68098	A1	1998-12-14	PE9800680				
ID16799	A	1997-11-13	ID--16799				
ZA9702764	B	1997-10-24	ZA9702764				
AU2334797	A	1997-10-22	AU9723347				
CA2251694	A1	1997-10-09	CA2251694				
WO97/36566	A1	1997-10-09	WO9736566				

Abstract

(EP0959855)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, training pants and the like, having elastomeric ear panels and a fastening system that provides the user with different options as to how the absorbent article may be fitted to and removed from the wearer. The absorbent articles allow the wearer to choose between conventional and pull-on diaper configurations, or combinations thereof, and properly and comfortably fit a large range of wearer sizes. Further, the absorbent articles can be pulled on and/or off as a pant. This feature is provided by the ear panels which maintain sufficient tension to hold the diaper on the wearer throughout the period of use without harming the wearer's skin, while providing enough stretch to allow the diaper to be pulled up or down over the wearer's hips. The fastening system is refastenable for convenience yet strong enough to maintain the diaper in a fastened configuration without becoming detached if the diaper is pulled on or off the wearer.

Inventors

KLINE MARK JAMES

ROBLES MIGUEL ALVARO

HENRICH THOMAS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

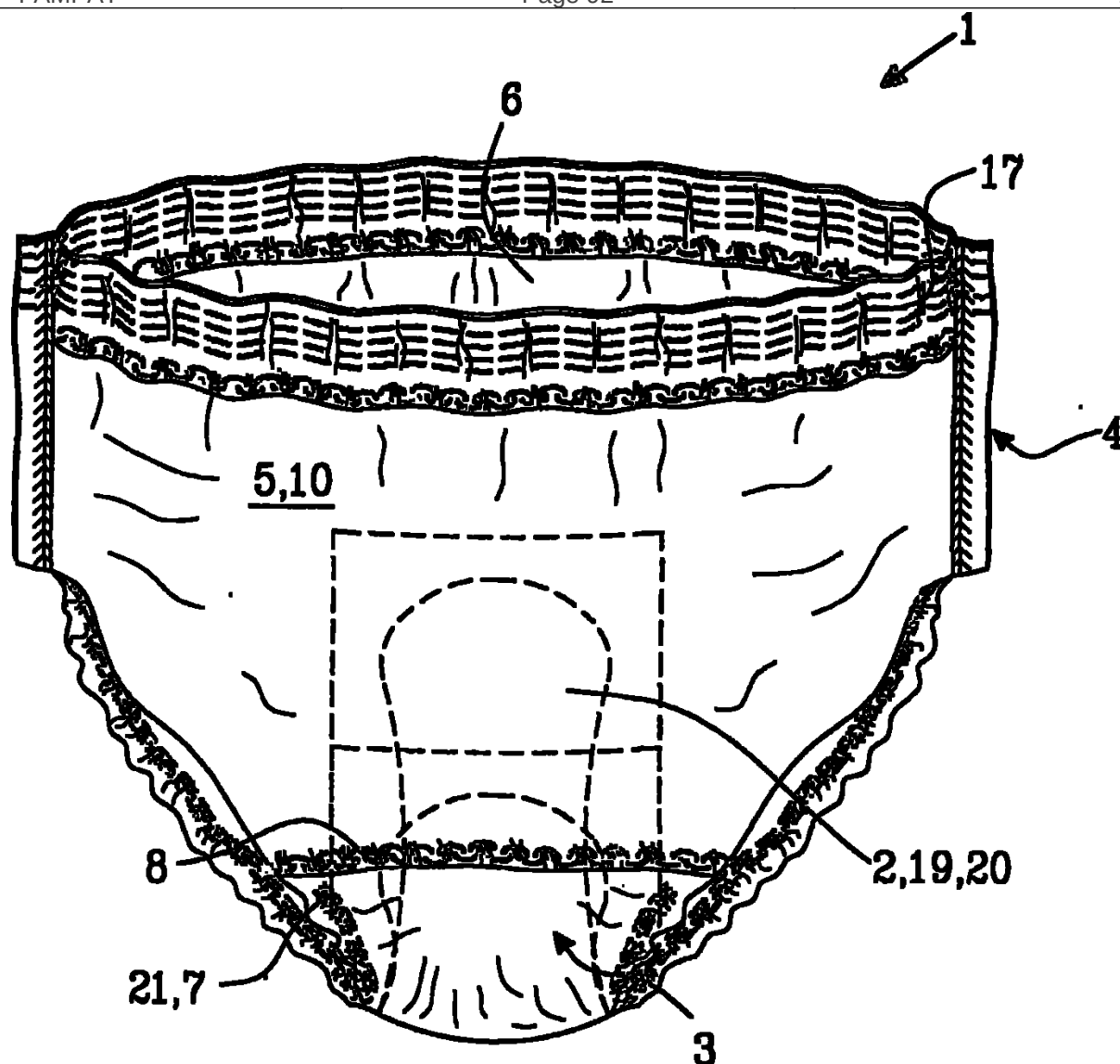
Family 48/100 - FAMPAT - ©Questel

Title

(CN101803978B)

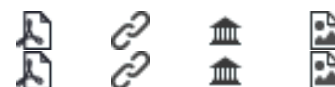
Underpants type absorption product

Images



Publication numbers with kind code & date

CN101803978	B	2015-02-18	CN101803978B
CN101803978	A	2010-08-18	CN101803978



Abstract

(CN101803978)

The invention discloses an underpants type absorption product (1), which is provided with a framework (4) and an absorptive assembly (3) comprising an absorption core (2). The framework (4) comprises a front part (5) and a rear part (6), wherein the front part and the rear part (5 and 6) are mutually jointed along two opposite longitudinal sides so as to define a waist opening and a pair of leg openings. At least one of the front part and the rear part (5 and 6) comprises an elastic fiber mesh material (10). The product also comprises a crotch part (7) between the front part (5) and the rear part (6) along the longitudinal direction, the front part (5) has a length (b1) in the longitudinal direction, the rear part (6) has a length (b3) in the longitudinal direction, and the crotch part (7) has a length (b2) in the longitudinal direction. The absorptive assembly (3) is at least positioned on the crotch part (7) and overlapped with the front part and the rear part (5 and 6) in a certain distance. According to the embodiment, when the product in an extension state is measured, the part of the absorptive assembly (3) overlapped with respective surface areas of the front part and the rear part does not exceed 20 percent, preferably 10 percent.

Inventors

J.WAESTLUND-KARLSSON,M.WENNERBAECK

Latest standardized assignees - inventors removed

SCA HYGIENE PRODUCTS

JP5185687	B2	2013-01-25	JP5185687				
US20110209269	A1	2011-09-01	US20110209269				
EA201071187	A1	2011-06-30	EA201071187				
CN102076296	A	2011-05-25	CN102076296				
VN25858	A	2011-04-25	VN--25858				
EP2286774	A1	2011-02-23	EP2286774				
KR20110005904	A	2011-01-19	KR20110005904				
IN4262/KOLNP/2010	A	2011-01-14	IN2010KN04262				
TH104774	A	2010-11-04	TH-104774				
AR071770	A1	2010-07-14	AR--71770				
CL2009001121	A1	2010-05-28	CL200901121				
TW201012445	A	2010-04-01	TW201012445				
JP2009273653	A	2009-11-26	JP2009273653				
AU2009247402	A1	2009-11-19	AU2009247402				
WO2009/139225	A1	2009-11-19	WO2009139225				

Abstract

(EP2286774)

The present invention aims to provide a wearing article adapted to be folded up as compactly as possible in a sanitary manner utilizing the component of the wearing article itself. Front and rear waist regions 8, 9 of a diaper 1 include a first pair of lateral zones 11 opposed to each other in a transverse direction X and extending in a longitudinal direction Y and a second pair of lateral zones 12 opposed to each other in the transverse direction X and extending in the longitudinal direction Y, respectively. An inner sheet 6 is provided in the respective first lateral zones 11 with mount members 13, 14 defining first engagement regions and hook elements 15, 16 of mechanical fastener are attached to a chassis 2 via these mount members 13, 14. The respective second lateral zones 12 of the inner sheet 6 define second engagement regions and provided with loop elements 17, 18 attached thereto. The front and rear waist regions 8, 9 are provided with waist elastic members 21 attached thereto under tension so as to extend in the transverse direction X. The mount members 13, 14 are formed by fibrous sheet adapted to be engaged with the hook members 15, 16 and thereby define third engagement regions.

Inventors

KINOSHITA AKIYOSHI

AOYAGI NATSUOKO

TANAKA KAYOKO

KENMOCHI YASUHIKO

Latest standardized assignees - inventors removed

UNICHARM

Family 50/100 - FAMPAT - ©Questel

Title

(WO201124542)

Wearing article

Images

EA201290064	A1	2012-08-30	EA201290064				
AU2010287902	A1	2012-04-19	AU2010287902				
AR078103	A1	2011-10-12	AR--78103				
JP2011050501	A	2011-03-17	JP2011050501				
TW201108999	A	2011-03-16	TW201108999				
WO2011/024542	A1	2011-03-03	WO201124542				
CN101785729	A	2010-07-28	CN101785729				

Abstract

(WO2011/024542)

A wearing article configured in such a manner that a liquid absorbing structure, such as an absorbing body, does not separate in the front and rear waist regions from the wearer's body and, as a result, urine, etc. are prevented from leaking due to the formation of a gap between the wearer and the liquid absorbing structure. A diaper (10) includes a front waist member (20), a rear waist member (30), and a crotch member (40). The outer surface of a liquid absorbing structure (41) of the crotch member (40) is covered with an outer covering sheet (44), and gasket cuffs (50) and leakage barrier cuffs (60) are formed by the outer covering sheet (44). Imaginary folding lines (65) extending in the longitudinal direction (Y) are each formed between the proximal edge (62) and the distal edge (63) of a leakage barrier cuff (60), and the leakage barrier cuff (60) is folded along the imaginary folding line (65) while a barrier elastic member (64) is not being stretched or contracted. The leakage barrier cuffs (60) are joined at the front and rear portions (45, 46) of the liquid absorbing structure (41) to an inner covering sheet through a joining means, such as an adhesive agent, and this forms front and rear joined regions (66, 67) extending in the longitudinal direction (Y).

Inventors

HASHINO YUKI

MASAKI SHUNSUKE

YOSHIOKA TOSHIYASU

ONO YOSHIO

Latest standardized assignees - inventors removed

UNICHARM

Family 51/100 - FAMPAT - ©Questel

Title

(US20020188268)

Elastomeric side panel for use with convertible absorbent articles

Images

US8088115	B2	2012-01-03	US8088115				
US8088116	B2	2012-01-03	US8088116				
US20110319850	A1	2011-12-29	US20110319850				
US8048051	B2	2011-11-01	US8048051				
US8016807	B2	2011-09-13	US8016807				
US7901392	B2	2011-03-08	US7901392				
US20100215908	A1	2010-08-26	US20100215908				
US20100215913	A1	2010-08-26	US20100215913				
US20100215914	A1	2010-08-26	US20100215914				
US20100217217	A1	2010-08-26	US20100217217				
US20100217219	A1	2010-08-26	US20100217219				
US20100217220	A1	2010-08-26	US20100217220				
US20100217221	A1	2010-08-26	US20100217221				
US20100217222	A1	2010-08-26	US20100217222				
US20100217223	A1	2010-08-26	US20100217223				
US20090198206	A1	2009-08-06	US20090198206				
US7524313	B2	2009-04-28	US7524313				
US20080125736	A1	2008-05-29	US20080125736				
US20030100879	A1	2003-05-29	US20030100879				
US20020188268	A1	2002-12-12	US20020188268				

Abstract

(US20020188268)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, training pants and the like, having elastomeric ear panels and a fastening system that provides the user with different options as to how the absorbent article may be fitted to and removed from the wearer. The absorbent articles allow the wearer to choose between conventional and pull-on diaper configurations, or combinations thereof, and properly and comfortably fit a large range of wearer sizes. Further, the absorbent articles can be pulled on and/or off as a pant. This feature is provided by the ear panels which maintain sufficient tension to hold the diaper on the wearer throughout the period of use without harming the wearer's skin, while providing enough stretch to allow the diaper to be pulled up or down over the wearer's hips. The fastening system is refastenable for convenience yet strong enough to maintain the diaper in a fastened configuration without becoming detached if the diaper is pulled on or off the wearer.

Inventors

KLINE MARK JAMES

ROBLES MIGUEL ALVARO

HENRICH THOMAS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 52/100 - FAMPAT - ©Questel

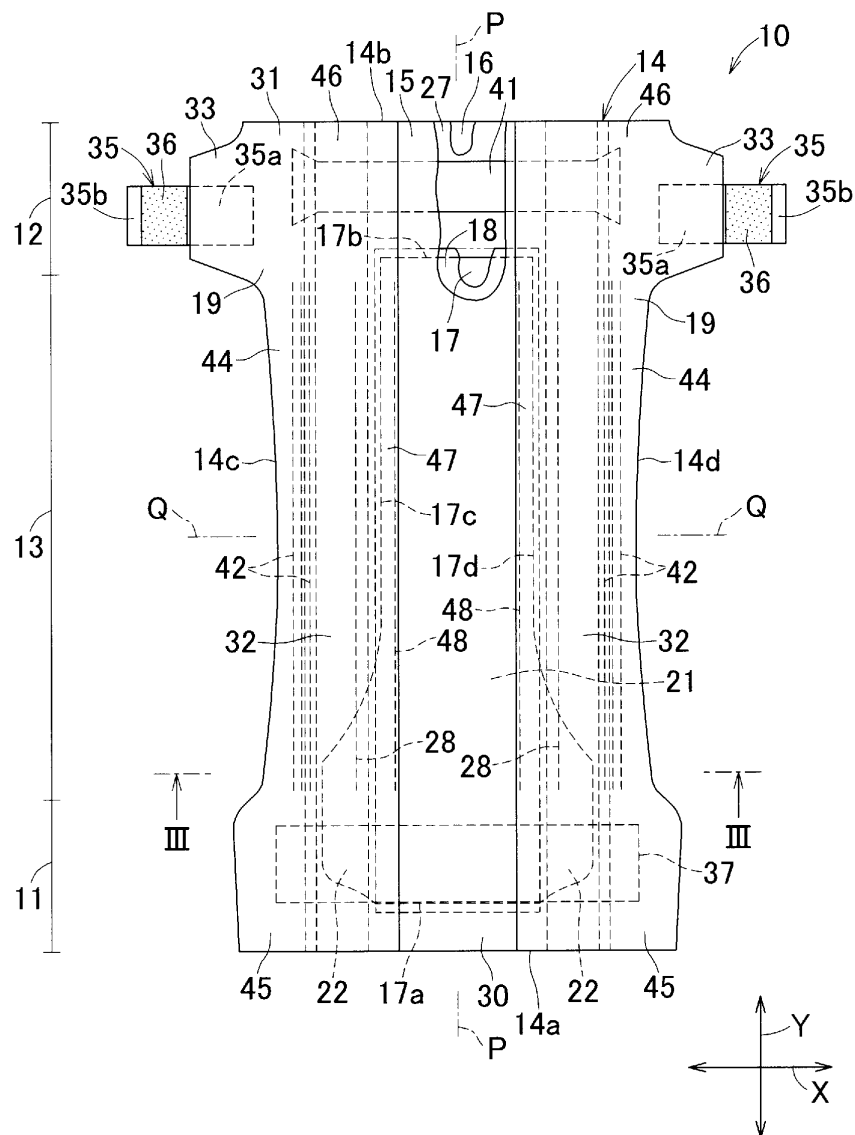
Title

(WO2012117710)

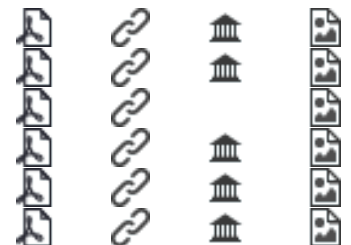
Absorbent wearing article

Images

[Fig. 2]

**Publication numbers with kind code & date**

CN103402476	B	2016-04-20	CN103402476B
JP5832761	B2	2015-11-06	JP5832761
TH131655	A	2014-03-17	TH-131655
CN103402476	A	2013-11-20	CN103402476
JP2012179207	A	2012-09-20	JP2012179207
WO2012/117710	A1	2012-09-07	WO2012117710

**Abstract**

(WO2012/117710)

An absorbent wearing article designed so that, at least in the front waist region, both lateral edges of the liquid-absorbent structure can be kept in close contact with the wearer's inguinal regions and sideways leakage of bodily fluids can be reliably prevented. A liquid-absorbent structure (17) includes, at least on the side of a front waist region of front and rear waist regions, a central region (21) extending from the crotch region (13) to the front waist region (11) and side ears (22) extending outward from the central region (21) in the transverse direction X wherein a stiffness of the side ears (22) is lower than a stiffness of the central region (21). A pair of first elastic elements (28) extending in the longitudinal direction Y

extend at least from the vicinity of a midsection of the crotch region (13) to the front waist region (11) and the first elastic elements (28) include crossover segments (28A) intersecting with the side ears (22) of the liquid-absorbent structure (17) in the front waist region (11) and non-crossover segments (28B) not intersecting with the liquid-absorbent structure (17) in the front crotch region (13).

Inventors

WAKASUGI KEI

KIKUCHI KYO

Latest standardized assignees - inventors removed

UNICHARM

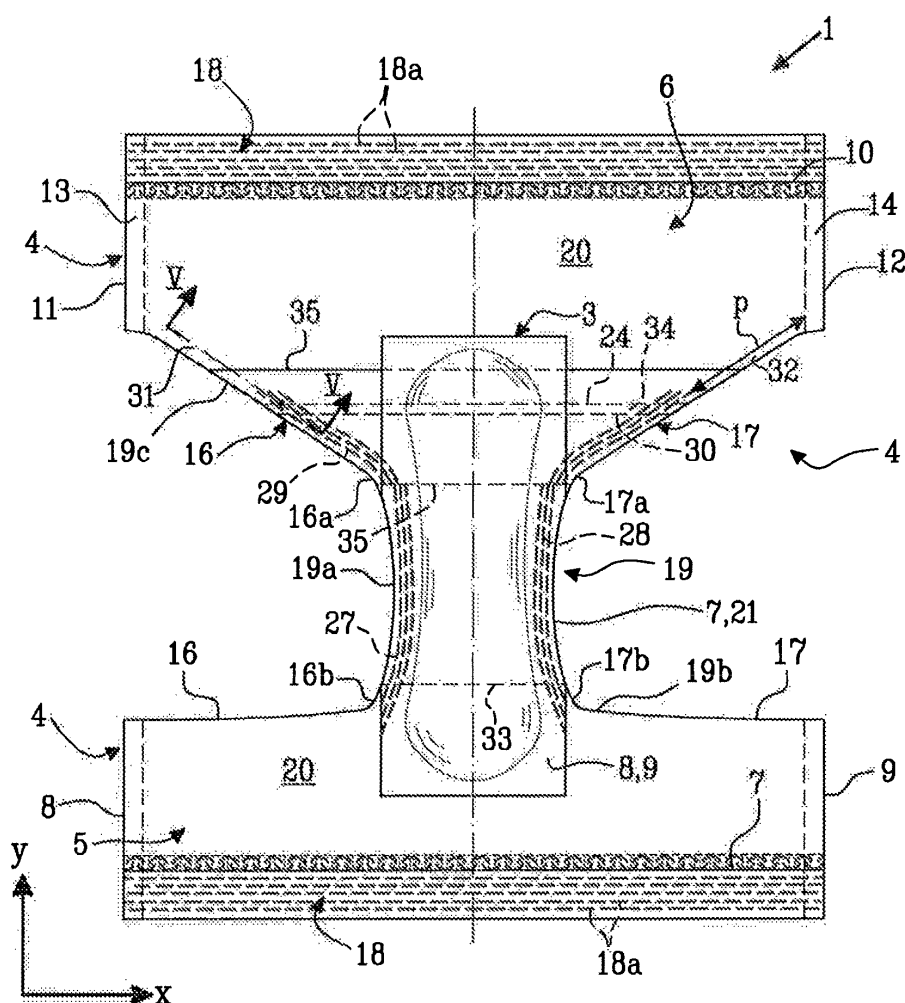
Family 53/100 - FAMPAT - ©Questel

Title

(EP3212143)

A pant-type absorbent article comprising an elastic laminate

Images



Publication numbers with kind code & date

PL3212143	T3	2019-04-30	PL3212143
EP3212143	B1	2018-12-19	EP3212143
MX358622	B	2018-08-28	MX-358622
RU2660049	C1	2018-07-04	RU2660049
US9956124	B2	2018-05-01	US9956124
EP3212143	A4	2018-04-11	EP3212143
BR112017006579	A2	2018-01-16	BR112017006579



JP2017536877	A	2017-12-14	JP2017536877				
EP3212143	A1	2017-09-06	EP3212143				
CN107072844	A	2017-08-18	CN107072844				
US20170216105	A1	2017-08-03	US20170216105				
MX2017005443	A	2017-06-29	MX2017005443				
AU2014410322	B2	2017-04-13	AU2014410322				
BR112017006579	A1	2017-04-11	BR112017006579				
AU2014410322	A1	2017-03-02	AU2014410322				
TW201627159	A	2016-08-01	TW201627159				
WO2016/068764	A1	2016-05-06	WO201668764				

Abstract

(EP3212143)

The invention refers to a pant-type absorbent article such as a pant diaper, a sanitary pant or incontinence pant comprising a front portion (5) and a back portion (6) joined to each other along longitudinally extending side seams (13, 14) and further comprising a connecting portion (19) between the front and back portions. The connecting portion (19) forms a crotch region (19a) and leg openings (16, 17). At least part of the front portion, back portion and the connecting portion is composed of an elastic laminate extending transversely across the width of the front, back and connecting portions. Elongated leg elastic members (27-30, 39, 40) extend along the leg openings in at least part of the connecting portion (19) and terminate at a distance from the respective side seam (13, 14) thus leaving an area corresponding to a peripheral length (p) of at least 50 mm along the respective leg opening where the leg elastic members are absent and wherein the connecting portion (19) in said area where the leg elastic members are absent is composed of said elastic laminate in at least 90% of said peripheral length (p).

Inventors

BÄCK LUCAS

LINDLÖF STINA

NILSSON LENNART

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH AKTIEBOLAG

Family 54/100 - FAMPAT - ©Questel

Title

(EP2701656)

Absorbent article with leg gasketing cuff

Images

US20150202096	A1	2015-07-23	US20150202096				
RU2013147756	A	2015-06-10	RU2013147756				
ZA201307883	B	2015-04-29	ZA201307883				
US20150112295	A1	2015-04-23	US20150112295				
US8939957	B2	2015-01-27	US8939957				
JP2014512235	A	2014-05-22	JP2014512235				
CL2013003109	A1	2014-04-11	CL2013003109				
EP2701656	A2	2014-03-05	EP2701656				
CN103582470	A	2014-02-12	CN103582470				
BR112013025985	A1	2014-01-07	BR112013025985				
SG194521	A1	2013-12-30	SG-194521				
MX2013011917	A	2013-11-01	MX2013011917				
WO2012/149238	A3	2012-12-20	WO2012149238				
CA2834674	A1	2012-11-01	CA2834674				
US20120277713	A1	2012-11-01	US20120277713				
WO2012/149238	A2	2012-11-01	WO2012149238				

Abstract

(EP2701656)

The disposable absorbent article includes a topsheet, a backsheet, an absorbent core disposed between the topsheet and the backsheet, and a leg gasketing system. The leg gasketing system includes an inner cuff and an outer cuff; the inner cuff includes an inner cuff folded edge and an inner cuff material edge and the outer cuff includes an outer cuff folded edge and an outer cuff material edge such that the web of material is folded laterally inward to form the outer cuff folded edge, and folded laterally outward to form the inner cuff material edge. The leg gasketing system extends from the first waist edge to the second waist edge and is joined to the topsheet and/or backsheet between the inner cuff folded edge and the outer cuff folded edge in the crotch region.

Inventors

RAYCHECK JEROMY THOMAS

GOODLANDER LISA JANE

GRINKEMEYER LISA MARIA

MOSMAN JESSICA LEE

NAYLOR JASON EDWARD

PHILLIPS LEANN NICHOLE

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

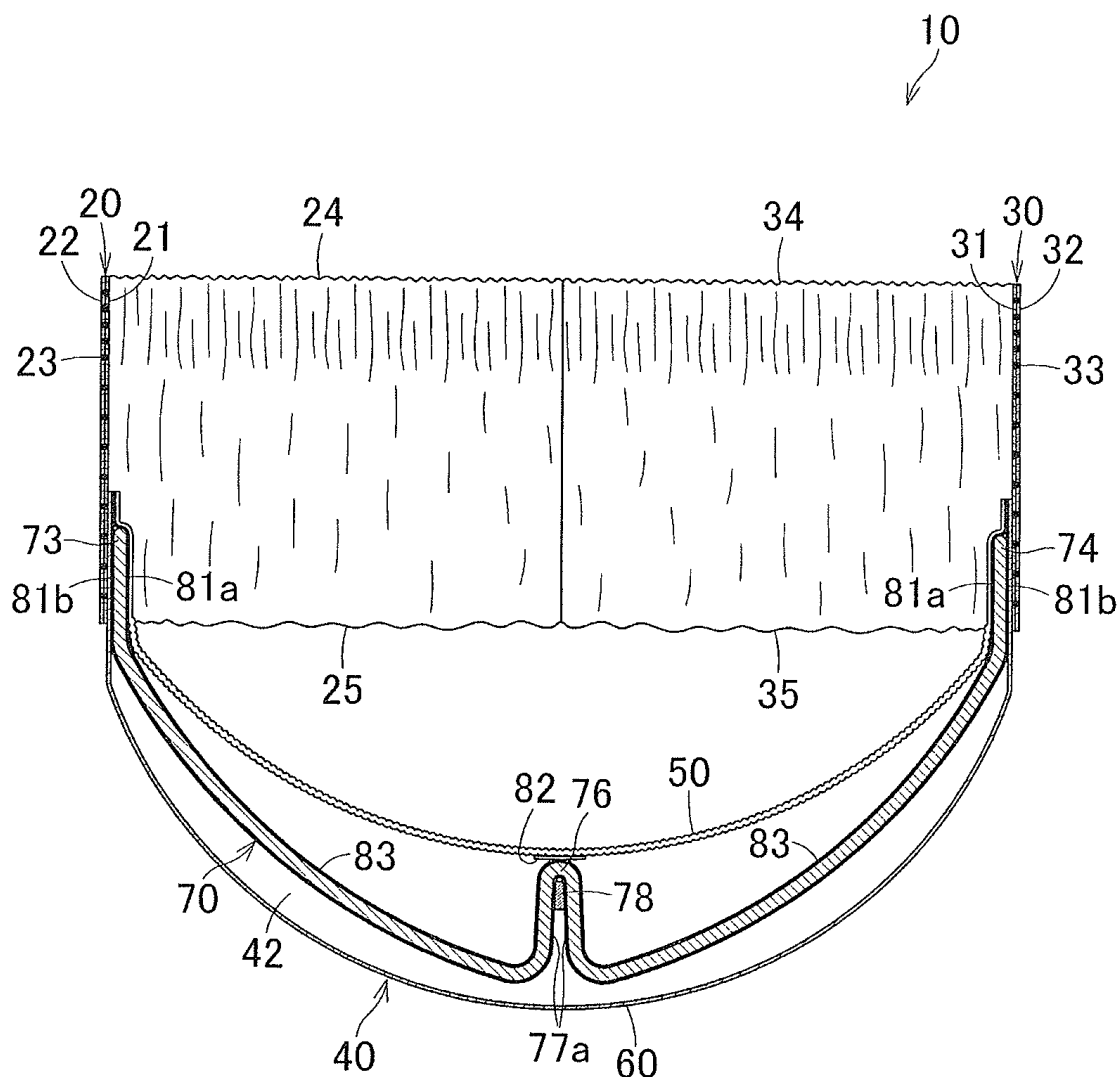
Family 55/100 - FAMPAT - ©Questel

Title

(EP2415429)

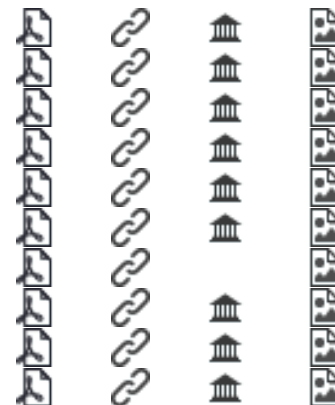
Absorbent article

Images



Publication numbers with kind code & date

US9084698	B2	2015-07-21	US9084698
JP5414099	B2	2013-11-22	JP5414099
EP2415429	A4	2013-05-15	EP2415429
CN102378609	A	2012-03-14	CN102378609
US20120035576	A1	2012-02-09	US20120035576
EP2415429	A1	2012-02-08	EP2415429
AR075996	A1	2011-05-11	AR--75996
TW201103510	A	2011-02-01	TW201103510
JP2010233905	A	2010-10-21	JP2010233905
WO2010/113562	A1	2010-10-07	WO2010113562



Abstract

(EP2415429)

The present invention provides an absorbent article improved so that bodily fluids can be absorbed by an absorbent structure from a skin-facing side of the absorbent structure and a non-skin-facing side thereof and thereby a liquid-absorbent core can be efficiently utilized. In a diaper 10, a crotch member 40 includes a pair of skin-contactable sheets 50 spaced from each other in a transverse direction X and an outer sheet 60. Inner side edges 53, 53 of the respective skin-contactable sheets cooperate with respective second ends 25, 35 of front and rear waist members to define an opening 41. A plurality of crotch elastic members 55 are attached to the inner side edges 53, 53 of the respective skin-contactable sheets and, under the effect of these crotch elastic members 55, a length dimension of the skin-contactable sheets is substantially reduced. The inner side edges 53 of the skin-contactable sheets are spaced from the outer sheet 60 in a thickness direction to form a space 42 between the skin-contactable sheets 50 and the outer sheet 60. Within this space 42, a liquid-absorbent structure 70 is provided. The liquid-absorbent structure 70 includes a fold 77 formed by folding the

structure 70 along a folding line 76. A top of the fold 77 is bonded to the inner side edges 53 of the respective skin-contactable sheets 50.

Inventors

ICHIKAWA MAKOTO

SASAYAMA KENICHI

Latest standardized assignees - inventors removed

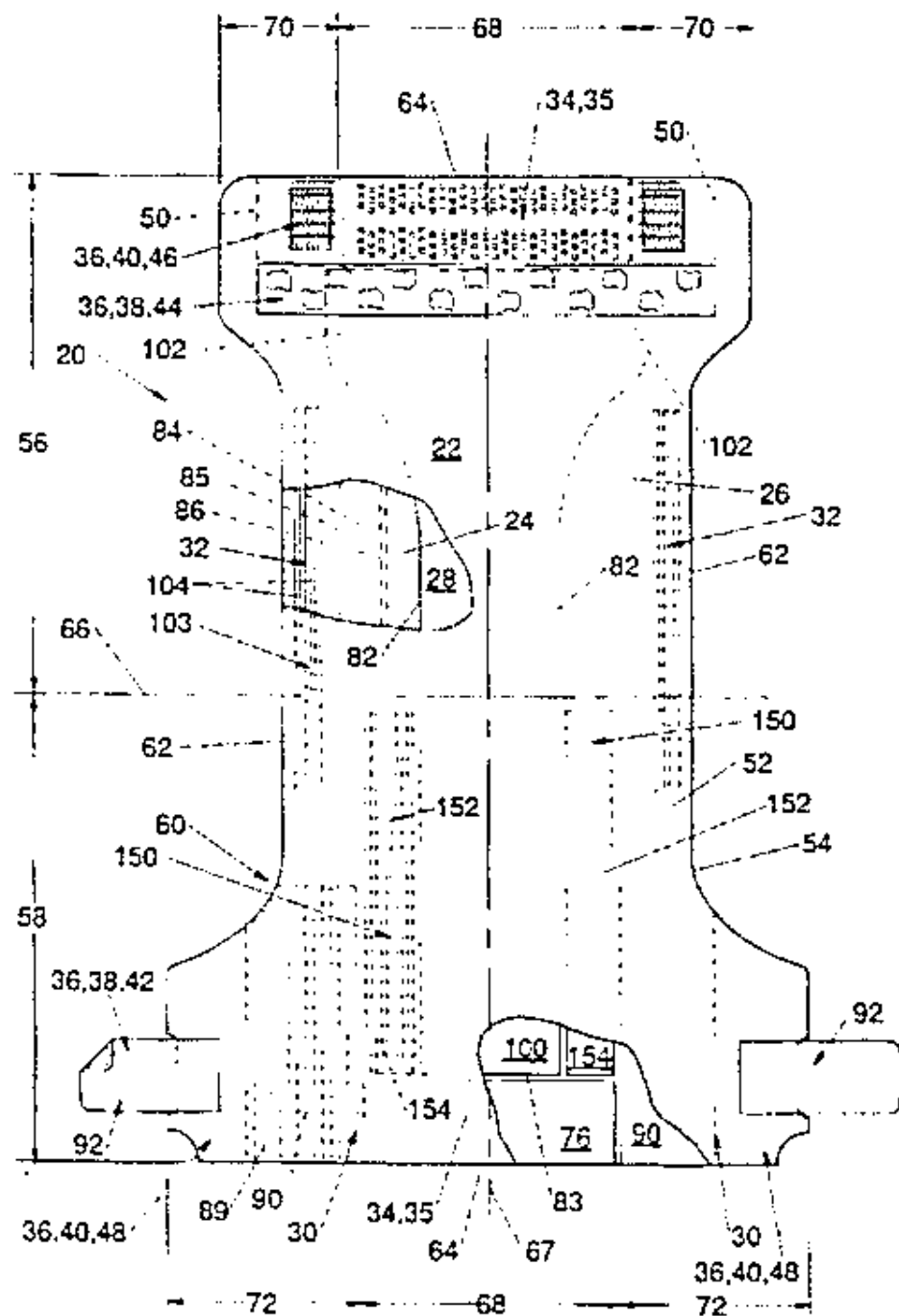
UNICHARM

Family 56/100 - FAMPAT - ©Questel

Title

(EP-662811)

Absorbent article with dynamic elastic feature comprising elasticized hip panels

Images

Publication numbers with kind code & date

JP3478826	B2	2003-12-15	JP3478826				
CN1078812	C	2002-02-06	CN1078812C				
KR100298058	B1	2001-10-24	KR100298058				
SG75789	A1	2000-10-24	SG--75789				
CA2145662	C	1999-10-19	CA2145662				
BR9307128	A	1999-03-30	BR9307128				
CZ284189	B6	1998-09-16	CZ-284189				
HK1001714	A1	1998-07-03	HK1001714				
HU214474	B	1998-03-30	HU-214474				
AU687756	B2	1998-03-05	AU-687756				
PH31041	A	1997-12-29	PH--31041				
DE69312725	T2	1997-12-04	DE69312725				
EG20209	A	1997-11-30	EG--20209				
GR3024321	T3	1997-10-31	GR3024321				
ES2105315	T3	1997-10-16	ES2105315				
DE69312725	D1	1997-09-04	DE69312725				
DK0662811	T3	1997-09-01	DK-662811T				
AT155997	T	1997-08-15	ATE155997				
EP0662811	B1	1997-07-30	EP-662811				
NZ255858	A	1997-04-24	NZ-255858				
US5575783	A	1996-11-19	US5575783				
HUT72564	A	1996-05-28	HU-T72564				
JPH08502181	A	1996-03-12	JP08502181				
CZ75895	A3	1995-10-18	CZ9500758				
KR19950703313	A	1995-09-20	KR19957003313				
EP0662811	A1	1995-07-19	EP-662811				
HU9500873	D0	1995-05-29	HU9500873				
NO951161	L	1995-05-22	NO-951161				
FI951449	A	1995-03-27	FI9501449				
FI951449	A0	1995-03-27	FI9501449				
NO951161	D0	1995-03-27	NO9501161				
MX9305984	A	1995-01-31	MX9305984				
CN1094941	A	1994-11-16	CN1094941				
TR27043	A	1994-10-10	TR--27043				
AU5087093	A	1994-04-26	AU9350870				
CA2145662	A1	1994-04-14	CA2145662				
WO94/07450	A1	1994-04-14	WO9407450				

Abstract

(EP0662811)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, training pants, and the like, that provide dynamic fit about the wearer by the use of elasticized hip panels. Such absorbent articles comprise a liquid pervious topsheet; a liquid impervious backsheet; an absorbent core disposed between the topsheet and the backsheet; elasticized side panels positioned in the side panels of the back waist region; and an elasticized hip panel positioned in the central region of the back waist region. The elasticized hip panel comprises a stretch laminate comprising one or more elongatable components and an elastic hip panel member that are mechanically stretched to allow expansion of the stretch laminate beyond the original planar state of the diaper in the lateral direction. By adding stretch to the middle-back of the absorbent article, the absorbent article is capable of expanding in the back waist region thereby creating a more three-dimensional fit to better contour the hips and buttocks and to more completely wrap the wearer's hips and buttocks. In an alternative embodiment, a single elastic hip panel member is positioned in most of the central region of the back waist region with the stretch laminate being mechanically stretched in selected zones or preferably over the entire area of the elastic hip panel

member. The absorbent core is either stretchable or preferably not attached to the stretch laminate in the mechanically stretched zones to not encumber the stretch of the stretch laminate. The topsheet is also preferably stretchable.

Inventors

CLEAR SANDRA HINTZ

ROLLAG KEITH WESLEY

NAKAHATA HIROSHI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 57/100 - FAMPAT - ©Questel

Title

(EP-952805)

Disposable diaper with integral backsheet landing zone

Images

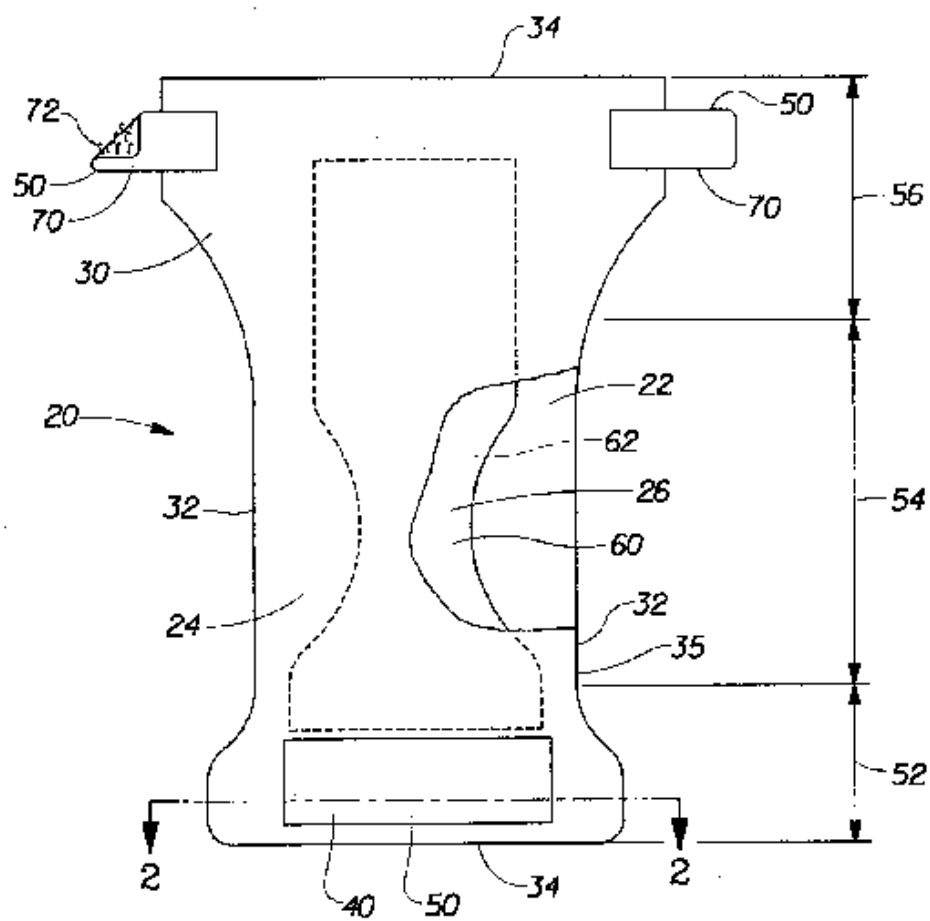


Fig. 1

Publication numbers with kind code & date

IN215297	B	2008-03-14	IN-215297
IN3213/DEL/1997	A	2006-01-13	IN1997DE03213
CA2271691	C	2004-01-06	CA2271691
CN1125629	C	2003-10-29	CN1125629C
KR100399100	B1	2003-09-22	KR100399100
HK1023274	A1	2002-09-27	HK1023274
DE69710223	T2	2002-08-29	DE69710223
ES2167796	T3	2002-05-16	ES2167796
EG21961	A	2002-04-30	EG--21961
DE69710223	D1	2002-03-14	DE69710223
AT212534	T	2002-02-15	ATE212534



EP0952805	B1	2002-01-30	EP-952805				
JP3238712	B2	2001-12-17	JP3238712				
KR20000053188	A	2000-08-25	KR20000053188				
AR010602	A1	2000-06-28	AR--10602				
HU0000109	A3	2000-06-28	HU200000109				
HU0000109	A2	2000-05-28	HU200000109				
ID23526	A	2000-04-27	ID--23526				
JP2000504981	A	2000-04-25	JP2000504981				
BR9713029	A	2000-04-11	BR9713029				
CO4900008	A1	2000-03-27	CO4900008A1				
IL129796	A	2000-02-29	IL-129796				
CN1244108	A	2000-02-09	CN1244108				
EP0952805	A1	1999-11-03	EP-952805				
VN3562	A	1999-09-25	VN---3562				
CZ164199	A3	1999-09-15	CZ9901641				
US5928212	A	1999-07-27	US5928212				
TR199901058	T2	1999-07-21	TR199901058				
NO992371	D0	1999-05-14	NO9902371				
NO992371	L	1999-05-14	NO-992371				
PE8899	A1	1999-03-10	PE9900088				
TW336893	B	1998-07-21	TW-336893				
AU5172798	A	1998-06-03	AU9851727				
ZA9710264	B	1998-06-03	ZA9710264				
CA2271691	A1	1998-05-22	CA2271691				
WO98/20826	A1	1998-05-22	WO9820826				
US5735840	A	1998-04-07	US5735840				

Abstract

(EP0952805)

A disposable absorbent article (20) having an integral landing zone (40). The absorbent article includes a liquid pervious topsheet (22), a liquid impervious backsheet (24) joined with the topsheet (22) and an absorbent core (26) located between the topsheet and the backsheet. The backsheet (24) includes a laminate of an inner web (90) and an outer web (30), wherein at least a portion of the inner web (90) is juxtaposed the garment surface (60) of the absorbent core (26). The outer web (30) includes an integral landing zone (40) having portions mechanically prestrained to provide raised elements (44) capable of entangling the engaging components of a complementary male fastening component (70). The inner web (90) and the outer web (30) are continuously laminated with each other except where the raised elements (44) provide the integral landing zone (40).

Inventors

KLINE MARK JAMES

GOULAIT DAVID JOSEPH KENNETH

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 58/100 - FAMPAT - ©Questel

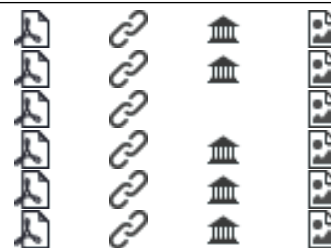
Title

(EP-782422)

Absorbent article having inflected barrier cuffs

Images

US5662636	A	1997-09-02	US5662636
EP0782422	A1	1997-07-09	EP-782422
ZA9507947	B	1996-04-18	ZA9507947
AU3546095	A	1996-04-09	AU9535460
CA2199367	A1	1996-03-28	CA2199367
WO96/09025	A1	1996-03-28	WO9609025

**Abstract**

(EP0782422)

Absorbent articles having side panels that provide inflected barrier cuffs which promote better containment and fit. The absorbent articles comprise a liquid pervious topsheet, a liquid impervious backsheet, an absorbent core positioned between the topsheet and the backsheet; a side panel extending laterally from each longitudinal edge of the absorbent article and having a proximal edge, a distal edge and a fold intermediate the distal edge and the proximal edge; spacing means for spacing the distal edge away from the liquid-receiving surface (topsheet) of the absorbent article; and a closing means for securing the distal edges inboard of the proximal edges in the front waist region. The fold of the side panel is secured inboard of the proximal edges in the front waist region and is disposed outboard of the proximal edge in the rear waist region when fitted to the wearer. Thus, the side panels are inflected such that the portion of the side panels in the rear waist region provide a gasketing action about the buttocks of the wearer to contain exudates and a snug fit, while the stand-up portions of the side panels in the crotch region and the closed portion of the side panels in the front waist region provide channels to contain, restrain and hold body exudates.

Inventors

BENJAMIN JOYCE MARIE
 TAUB ELIZABETH ASHLEY
 SAGESER DAVID MARK

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 59/100 - FAMPAT - ©Questel

Title

(EP-699061)

Absorbent article with elastic feature having a prestrained web portion

Images

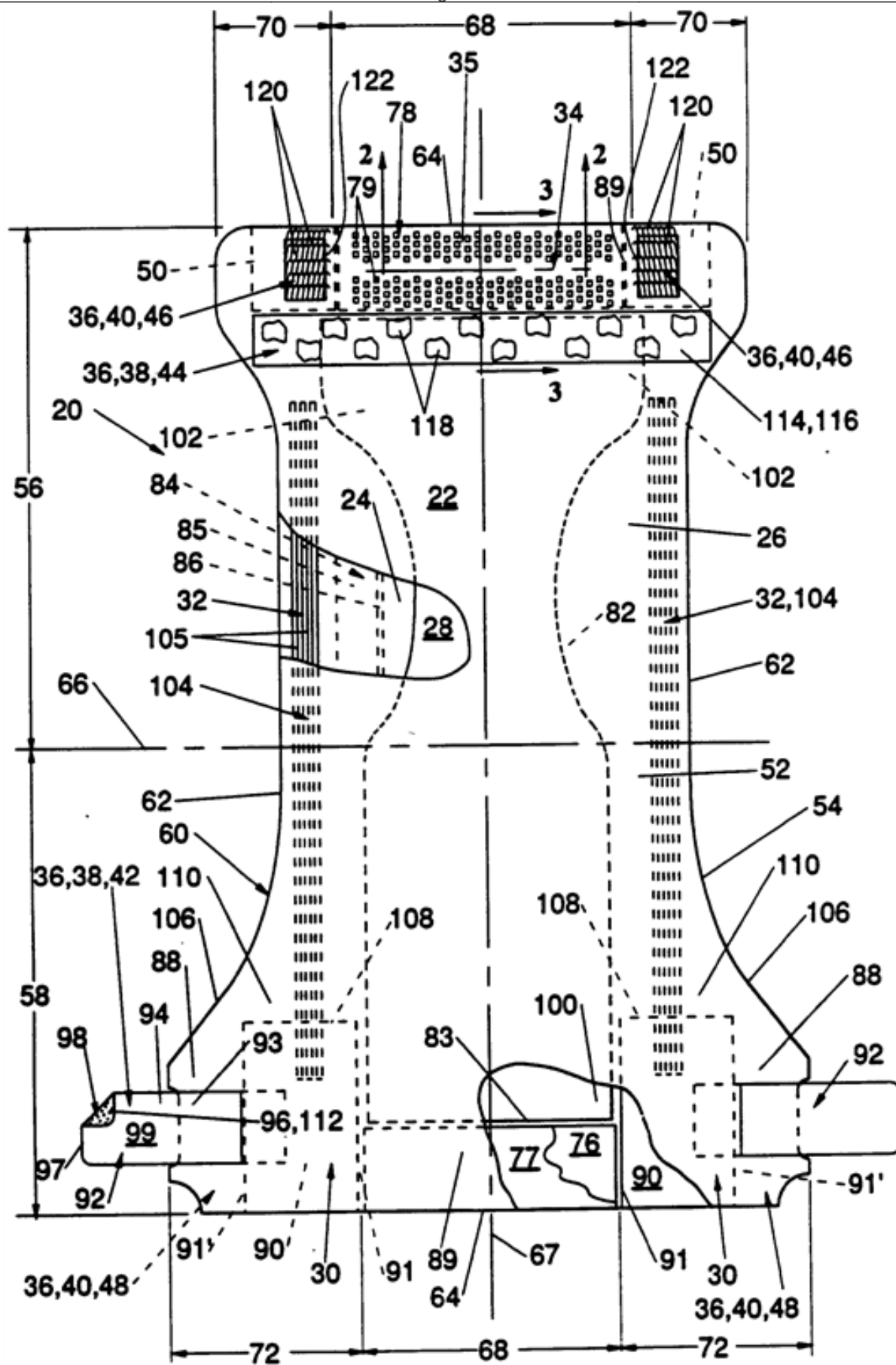


Fig. 1

Publication numbers with kind code & date

BR9306991

A 2003-07-15

BR9306991

JP3345012

B2 2002-11-18

JP3345012

KR100276455

B1 2001-03-02

KR100276455



CA2141818	C	1999-10-19	CA2141818				
DE69324171	T2	1999-07-29	DE69324171				
ES2129081	T3	1999-06-01	ES2129081				
DE69324171	D1	1999-04-29	DE69324171				
AT177931	T	1999-04-15	ATE177931				
EP0699061	B1	1999-03-24	EP-699061				
EG20367	A	1999-01-31	EG--20367				
NZ314426	A	1998-11-25	NZ-314426				
CZ284188	B6	1998-09-16	CZ-284188				
VN0000514	B	1998-06-25	VN----514B				
AU687745	B2	1998-03-05	AU-687745				
NZ255195	A	1997-04-24	NZ-255195				
HUT72387	A	1996-04-29	HU-T72387				
TR28270	A	1996-04-25	TR--28270				
EP0699061	A1	1996-03-06	EP-699061				
JPH08500753	A	1996-01-30	JP08500753				
TW259700	B	1995-10-11	TW-259700				
CZ50995	A3	1995-09-13	CZ9500509				
KR19950702813	A	1995-08-23	KR19957002813				
KR950702813	A	1995-08-23	KR19950702813				
HU9500601	D0	1995-04-28	HU9500601				
NO950700	L	1995-03-09	NO-950700				
FI950895	A	1995-02-27	FI9500895				
FI950895	A0	1995-02-27	FI9500895				
NO950700	D0	1995-02-24	NO9500700				
AU4799593	A	1994-03-29	AU9347995				
CA2141818	A1	1994-03-17	CA2141818				
WO94/05241	A1	1994-03-17	WO9405241				
CN1083347	A	1994-03-09	CN1083347				

Abstract

(EP0699061)

Absorbent articles having a unique elastic feature improving the dynamic fit as well as containment characteristics. The elastic feature preferably comprises an elastomeric member and a nonelastic web; a portion of the nonelastic web coincides with at least a portion of the elastomeric member; this portion of the nonelastic web being mechanically prestrained. Mechanical prestraining of the nonelastic web improves not only the extension of the elastomeric member, but also the heat-shrink contraction of preferred elastomeric members.

Inventors

BUELL KENNETH BARCLAY

RICHARDSON JAMES WILLIAM

BENSON DOUGLAS HERRIN

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 60/100 - FAMPAT - ©Questel

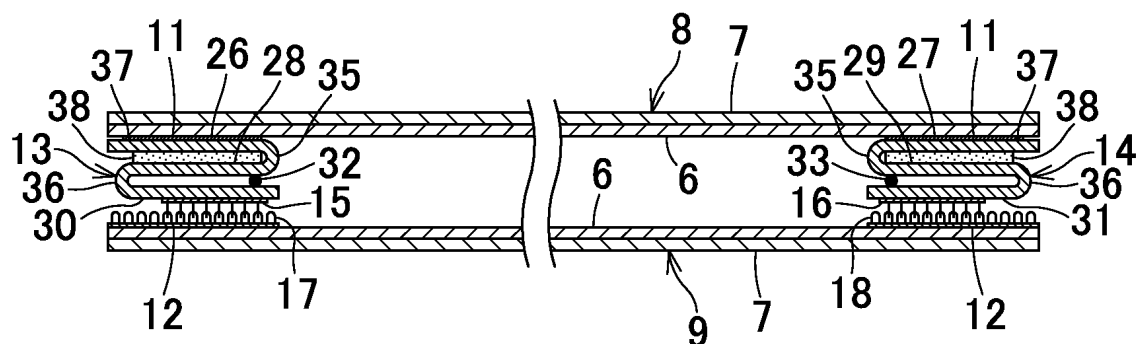
Title

(EP2301501)

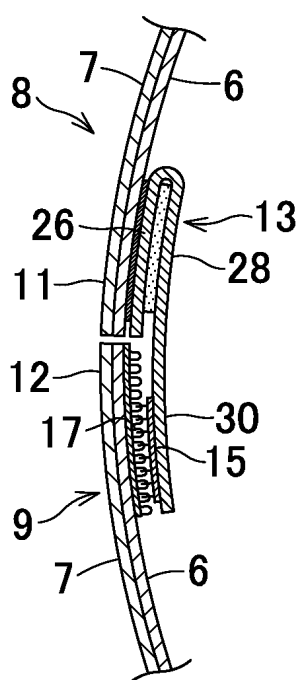
Method of making wearing article and this wearing article

Images

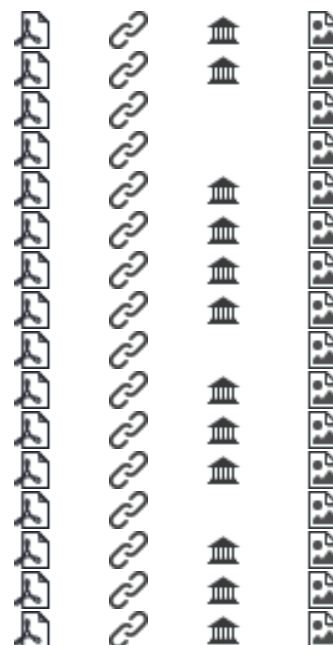
(a)



(b)

**Publication numbers with kind code & date**

BRPI0910380	A2	2019-05-07	BR200910380
CA2730667	C	2016-05-10	CA2730667
KR101605580	B1	2016-03-22	KR101605580
MY156521	A	2016-02-26	MY-156521
EP2301501	B1	2015-04-01	EP2301501
AU2009272065	B2	2014-10-23	AU2009272065
JP5596939	B2	2014-08-15	JP5596939
EP2301501	A4	2013-05-15	EP2301501
CO6341539	A2	2011-11-21	CO6341539
EA201170046	A1	2011-08-30	EA201170046
CN102143727	A	2011-08-03	CN102143727
US20110118693	A1	2011-05-19	US20110118693
KR20110052630	A	2011-05-18	KR20110052630
EP2301501	A1	2011-03-30	EP2301501
JP2010042241	A	2010-02-25	JP2010042241
AU2009272065	A1	2010-01-21	AU2009272065



CA2730667
WO2010/007881

A1 2010-01-21
A1 2010-01-21

CA2730667
WO201007881



Abstract

(EP2301501)

[OBJECT] The present invention aims to provide a method of making a wearing article improved so that mount members in folded state can be easily released from a temporarily fixing effect. [MEASURE TO ACHIEVE THE OBJECT] A method of making a wearing article comprises steps of folding back each of mount members 13, 14 from the side of a top-sheet 6 of a front waist region 8 toward an inner side facing the wearer's skin so as to define first region 26, 27, second regions 28, 29 and third regions 30, 31; bonding the first regions 26, 27 to the top-sheet 6 in the front waist region 8 by means of first adhesive layers 37; bonding the first regions 26, 27 to the second regions 28, 29 by means of second adhesive layers 38; forming first arrays of adhesive spots 32, 33 between the second regions 28, 29 and the third regions 30, 31; hook elements 15, 16 are bonded to surfaces of the third regions 30, 31 on the side of the top-sheet 6 in a rear waist region 9; bond loop elements 17, 18 to the top-sheet 6 in the rear waist region 9; and engaging the loop elements 17, 18 with the hook elements 15, 16. The first arrays of adhesive spots 32, 33 are formed in area overlapping the hook elements 15, 16a.

Inventors

KINOSHITA AKIYOSHI
UKEGAWA KAZUO
MYOJO RYOTA
AOYAGI NATSUKO
TANAKA KAYOKO
KENMOCHI YASUHIKO

Latest standardized assignees - inventors removed

UNICHARM

Family 61/100 - FAMPAT - ©Questel

Title

(EP2236112)

Absorbent article

Images

second barrier sheet-biasing elastic members (39, 40) have front maximally spaced points (41, 42) to define the maximum distance (W2) between the points (41, 42). Rear joint zones extend from a rear end (28) to a rear center line (s-s) and rear segments (39b, 40b) of the respective elastic members (39, 40) have rear maximally spaced points (43, 44) between which the rear segments (39b, 40b) are maximally spaced from each other.

Inventors

NAKAJIMA KAIYO

MINATO HIRONAO

Latest standardized assignees - inventors removed

UNICHARM

Family 62/100 - FAMPAT - ©Questel

Title

(EP-701425)

Diapers having z-folded barrier cuffs providing improved fit and containment

Images

US20170305708	A1	2017-10-26	US20170305708				
US9758339	B2	2017-09-12	US9758339				
JP6178013	B2	2017-08-09	JP6178013				
JP2016533858	A	2016-11-04	JP2016533858				
EP3049038	A1	2016-08-03	EP3049038				
CN105682625	A	2016-06-15	CN105682625				
US20150090393	A1	2015-04-02	US20150090393				
WO2015/047805	A1	2015-04-02	WO201547805				

Abstract

(EP3049038)

The present disclosure relates to manufacturing elastomeric laminates that may include a first substrate, a second substrate, and an elastic material located between the first substrate and second substrate. Methods and apparatuses may be configured to automatically isolate elastic strands that may break during the assembly process. As discussed in more detail below, the apparatuses may include a snare member extending adjacent to and across a travel path of elastic materials in a converting process. Thus, during the manufacture process, stretched elastics strands may advance past the snare member without contacting the outer circumferential surface of the snare member before being joined with a substrate. In the event that an elastic strand breaks, an upstream end portion of the elastic strand may retract back toward the snare member, wherein the upstream end portion wraps partially or completely around the outer circumferential surface of the snare member.

Inventors

YANEZ RICKY REYNALDO JR

GOYETTE NICHOLAS PAUL

BROWN TINA

DEAN GREG HUGH

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

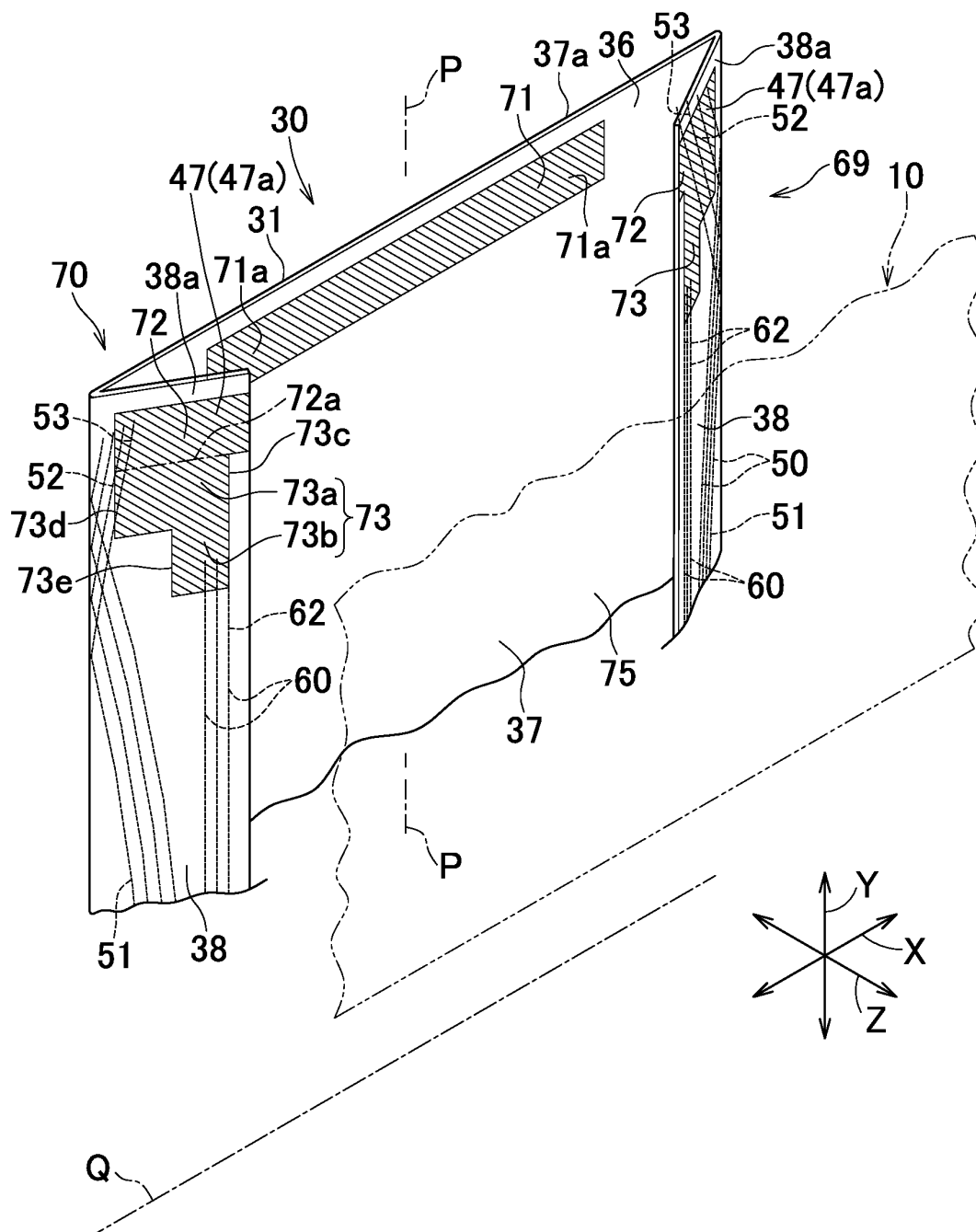
Family 64/100 - FAMPAT - ©Questel

Title

(EP2671553)

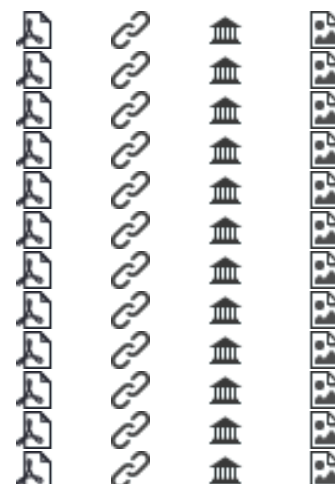
Disposable underwear-type article for wearing

Images



Publication numbers with kind code & date

EP2671553	B1	2016-07-20	EP2671553
JP5822475	B2	2015-10-16	JP5822475
EP2671553	A4	2015-08-05	EP2671553
CN103260573	B	2015-04-15	CN103260573B
EP2671553	A1	2013-12-11	EP2671553
IN2082/KOLNP/2013	A	2013-11-22	IN2013KN02082
US20130226124	A1	2013-08-29	US20130226124
CN103260573	A	2013-08-21	CN103260573
AU2012212827	A1	2013-06-06	AU2012212827
TW201244704	A	2012-11-16	TW201244704
JP2012157521	A	2012-08-23	JP2012157521
WO2012/105293	A1	2012-08-09	WO2012105293



Abstract

(EP2671553)

Provided is a disposable pull-on wearing article adapted to help prevent body exudates from leaking out beyond opposite side edges of a crotch panel and to allow a waist panel to be reliably attached to the waist panel. A diaper 1 includes an annular waist panel (10) having a skin-facing side and non-skin-facing side and a crotch panel (30) connected to the waist panel (10). The crotch panel (30) includes a crotch inner sheet (34) lying on the skin-facing side, a crotch outer sheet (35) lying on the non-skin-facing side, a pair of side flaps (38) and a pair of end flaps (36) extending along opposite side edges (33) and opposite end edges (31, 32) of the inner and outer sheets (34,35), respectively, and paired sets of leg elastics (50) extending along the opposite side edges (33) from vicinities of one end edge (31) of the opposite end edges to vicinities of the other end edge (32) thereof substantially in a longitudinal direction Y. Crossover regions (47) of longitudinally opposite end portions of the side flaps (38) and transversely opposite lateral portions of the end flaps (36) are folded onto the skin-facing side and the crossover regions 47 define nonexistent regions (47a) in which none of the elastics (50) exists and the nonexistent regions (47a) are attached to the front panel (11) of the waist panel (10).

Inventors

ICHIKAWA MAKOTO

SASAYAMA KENICHI

KATSURAGAWA KUNIIKO

UKEGAWA KAZUO

NINOMIYA AKIHIDE

Latest standardized assignees - inventors removed

UNICHARM

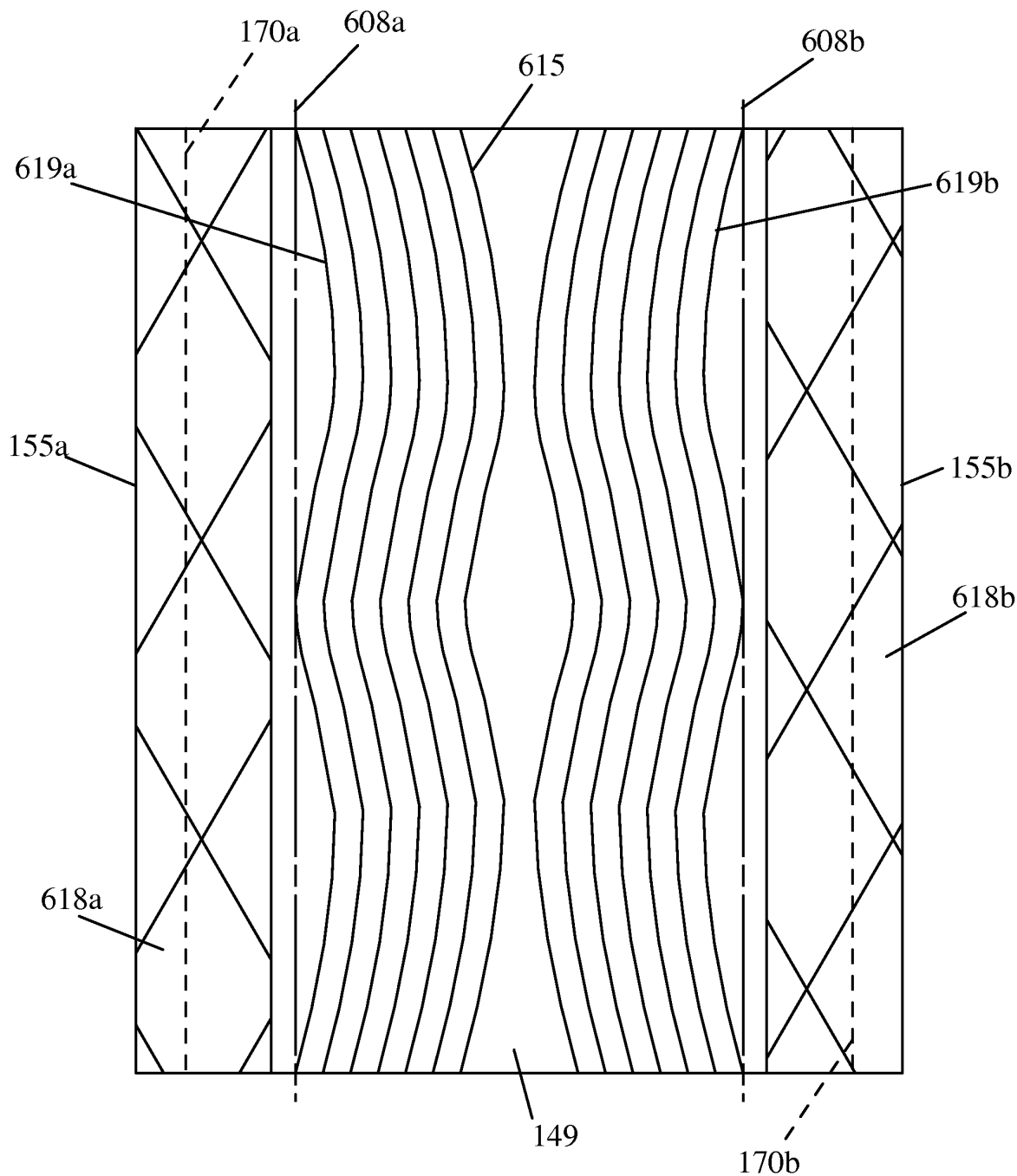
Family 65/100 - FAMPAT - ©Questel

Title

(EP2288322)

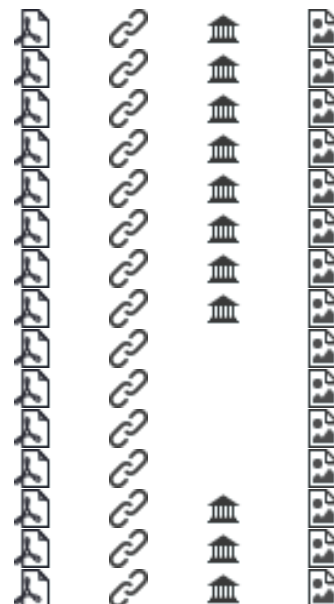
Absorbent article comprising a design field

Images



Publication numbers with kind code & date

BRPI0914895	A2	2015-11-24	BR200914895
BRPI0915302	A2	2015-10-27	BR200915302
BRPI0915341	A2	2015-10-27	BR200915341
US8974430	B2	2015-03-10	US8974430
CN102065813	B	2014-11-26	CN102065813B
US8568379	B2	2013-10-29	US8568379
CN102065811	B	2013-10-23	CN102065811B
US8551064	B2	2013-10-08	US8551064
RU2484802	C2	2013-06-20	RU2484802
RU2465878	C2	2012-11-10	RU2465878
RU2010148561	A	2012-07-27	RU2010148561
RU2010148566	A	2012-07-27	RU2010148566
IN8297/DELNP/2010	A	2012-03-02	IN2010DN08297
IN8298/DELNP/2010	A	2012-03-02	IN2010DN08298
JP2011522681	A	2011-08-04	JP2011522681



CN102065810	A	2011-05-18	CN102065810				
CN102065811	A	2011-05-18	CN102065811				
CN102065813	A	2011-05-18	CN102065813				
EP2288322	A1	2011-03-02	EP2288322				
AR074884	A1	2011-02-23	AR--74884				
MX2010013830	A	2011-02-15	MX2010013830				
AR073177	A1	2010-10-20	AR--73177				
AR073178	A1	2010-10-20	AR--73178				
AR072959	A1	2010-10-06	AR--72959				
AR072960	A1	2010-10-06	AR--72960				
CL2009001430	A1	2010-06-25	CL200901430				
CL2009001432	A1	2010-06-25	CL200901432				
CL2009001433	A1	2010-06-25	CL200901433				
CL2009001434	A1	2010-06-25	CL200901434				
CL2009001435	A1	2010-06-25	CL200901435				
CA2728269	A1	2009-12-23	CA2728269				
WO2009/155340	A1	2009-12-23	WO2009155340				
WO2009/155343	A1	2009-12-23	WO2009155343				
WO2009/155344	A1	2009-12-23	WO2009155344				
WO2009/155345	A1	2009-12-23	WO2009155345				
WO2009/155346	A1	2009-12-23	WO2009155346				
US20090312730	A1	2009-12-17	US20090312730				
US20090312732	A1	2009-12-17	US20090312732				
US20090312734	A1	2009-12-17	US20090312734				
US20090312735	A1	2009-12-17	US20090312735				
US20090312737	A1	2009-12-17	US20090312737				

Abstract

(EP2288322)

An absorbent article may comprise a web comprising at least one continuous layer that forms a portion of a backsheet and a portion of laterally opposing side flaps. The web may be folded laterally inward to form the side flaps. The article may further comprise an exteriorly viewable first design field disposed on a surface of a backsheet, interiorly viewable second and third design fields disposed on a surface of first and second side flaps, respectively, viewable fourth and fifth design fields disposed on a surface of first and second abdominal stretch panels, respectively, and an absorbent assembly.

Inventors

LAVON GARY DEAN

HENRICH THOMAS

WASSON COURTNEY

KO ADA HO YAU

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

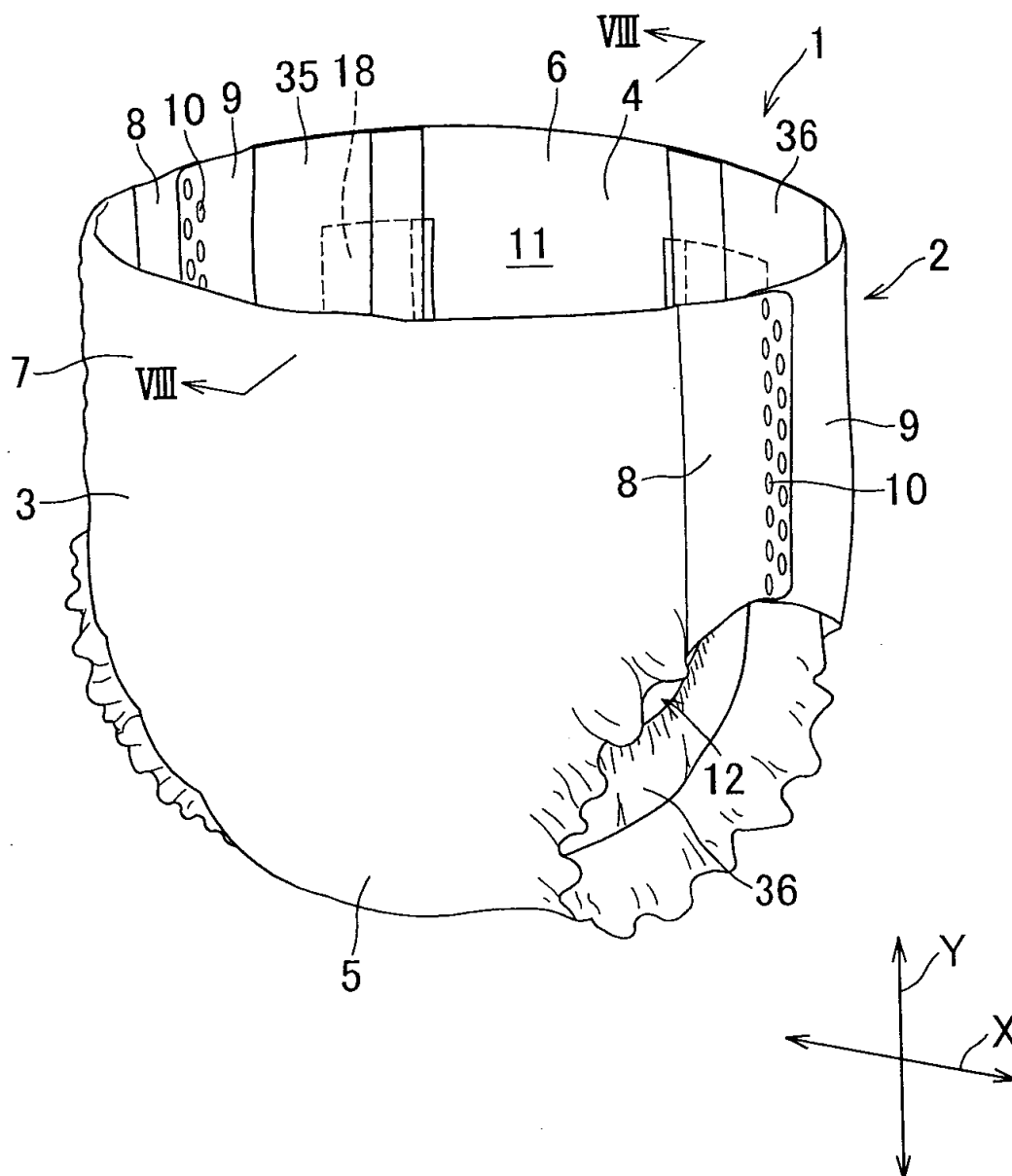
Family 66/100 - FAMPAT - ©Questel

Title

(EP2286775)

Absorbent article

Images



Publication numbers with kind code & date

RU2010150139	A	2012-07-20	RU2010150139
EP2286775	A4	2012-04-25	EP2286775
US20110184369	A1	2011-07-28	US20110184369
CN102098995	A	2011-06-15	CN102098995
VN25890	A	2011-04-25	VN--25890
KR20110021910	A	2011-03-04	KR20110021910
EP2286775	A1	2011-02-23	EP2286775
AR071989	A1	2010-07-28	AR--71989
CL2009001335	A1	2010-06-04	CL200901335
TW201010678	A	2010-03-16	TW201010678
JP2009291321	A	2009-12-17	JP2009291321
AU2009255165	A1	2009-12-10	AU2009255165
WO2009/148061	A1	2009-12-10	WO2009148061



Abstract

(EP2286775)

An absorbent article includes a chassis 2, a liquid-absorbent structure 15 placed the chassis and a separate sheet 18 adapted to be spaced from the chassis 2. Opposite lateral regions 21, 22 of the separate sheet are joined to an inner sheet 6 via first joint zones 30, 31. First joint zones 30, 31 continuously extend in a longitudinal direction Y and substantially overlap the absorbent structure 15 as viewed in a thickness direction. Leak-barrier cuffs 35, 36 provided on the side of the

separate sheet are joined to the inner sheet 6 via second joint zones 41, 42 lying outside the separate sheet as viewed in a transverse direction X, joined to the separate sheet 18 via third joint zones 50, and joined to the separate sheet via fourth joint zones 51.

Inventors

NAKAJIMA KAIYO

MINATO HIRONAO

Latest standardized assignees - inventors removed

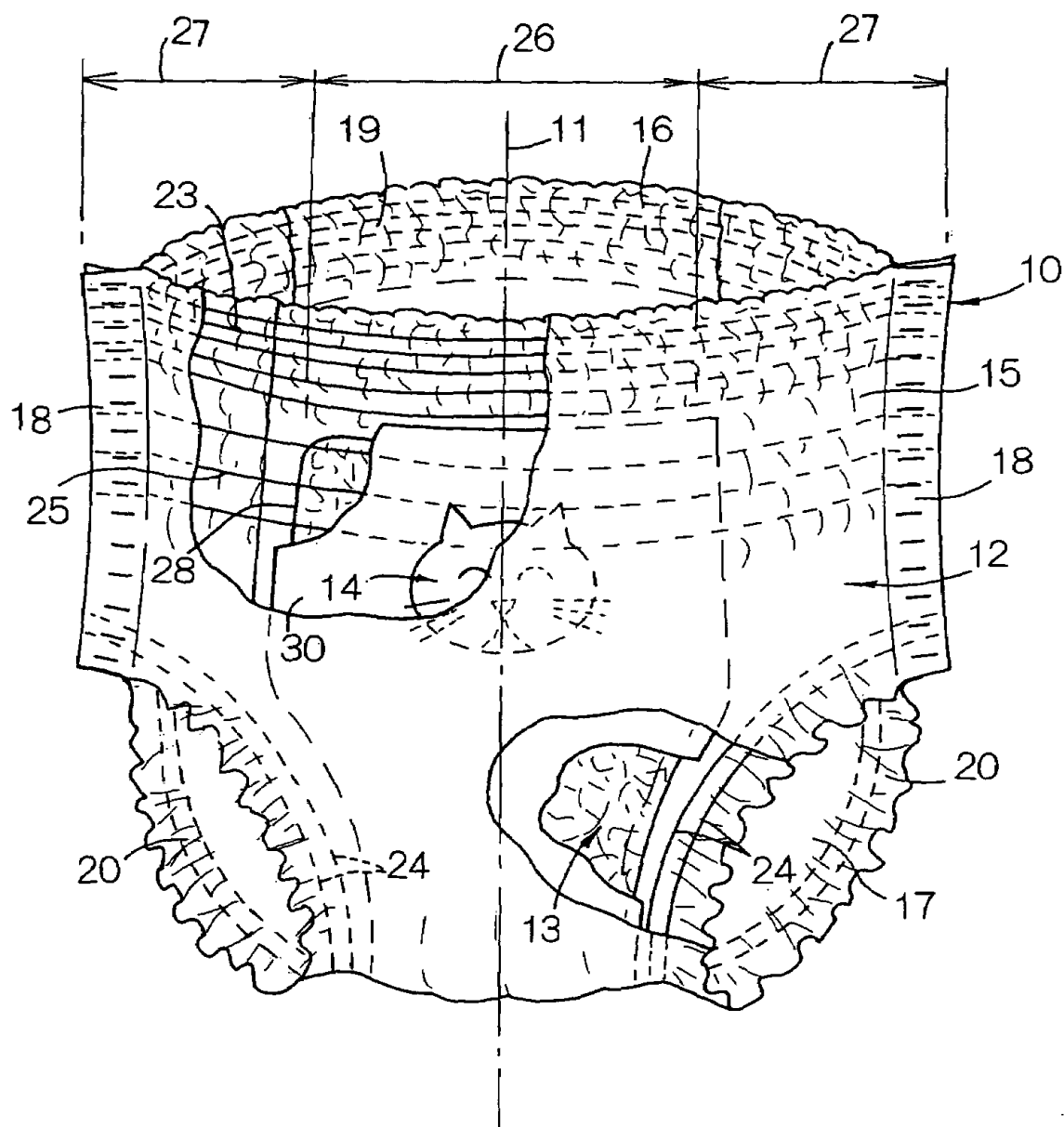
UNICHARM

Family 67/100 - FAMPAT - ©Questel

Title

(EP1550425)

Absorbent article having decorative element

Images

TH55295	B	2017-06-02	TH--55295B				
BR0314410	B1	2013-06-25	BR200314410				
EP1550425	B1	2012-07-11	EP1550425				
EP1550425	A4	2010-07-14	EP1550425				
MY139299	A	2009-09-30	MY-139299				
JP4336539	B2	2009-07-03	JP4336539				
AU2003257580	B2	2008-08-28	AU2003257580				
CA2496124	C	2008-01-08	CA2496124				
KR100740852	B1	2007-07-20	KR100740852				
CN1318011	C	2007-05-30	CN1318011C				
US7169137	B2	2007-01-30	US7169137				
TWI263490	B	2006-10-11	TWI263490				
CN1678271	A	2005-10-05	CN1678271				
BR0314410	A	2005-07-19	BR200314410				
EP1550425	A1	2005-07-06	EP1550425				
KR20050058470	A	2005-06-16	KR20050058470				
US20050131366	A1	2005-06-16	US20050131366				
TH65460	A	2004-12-13	TH--65460				
TW200409618	A	2004-06-16	TW200409618				
JP2004141640	A	2004-05-20	JP2004141640				
AU2003257580	A1	2004-03-19	AU2003257580				
CA2496124	A1	2004-03-11	CA2496124				
WO2004/019848	A1	2004-03-11	WO200419848				

Abstract

(EP1550425)

An absorbent article comprises a chassis 12 defining front and rear waist regions, an absorbent panel 13 laid on the inner surface of the chassis and a decorative element 14 adapted to be seen through the chassis and interposed between an intermediate zone of the chassis and the absorbent panel. An optical transmittance exhibited by the intermediate zone 26 of the chassis in which the decorative element is laid is higher than an optical transmittance exhibited by opposite lateral zones 27 of the chassis. <IMAGE>

Inventors

SHIMADA TAKAAKI

Latest standardized assignees - inventors removed

UNICHARM

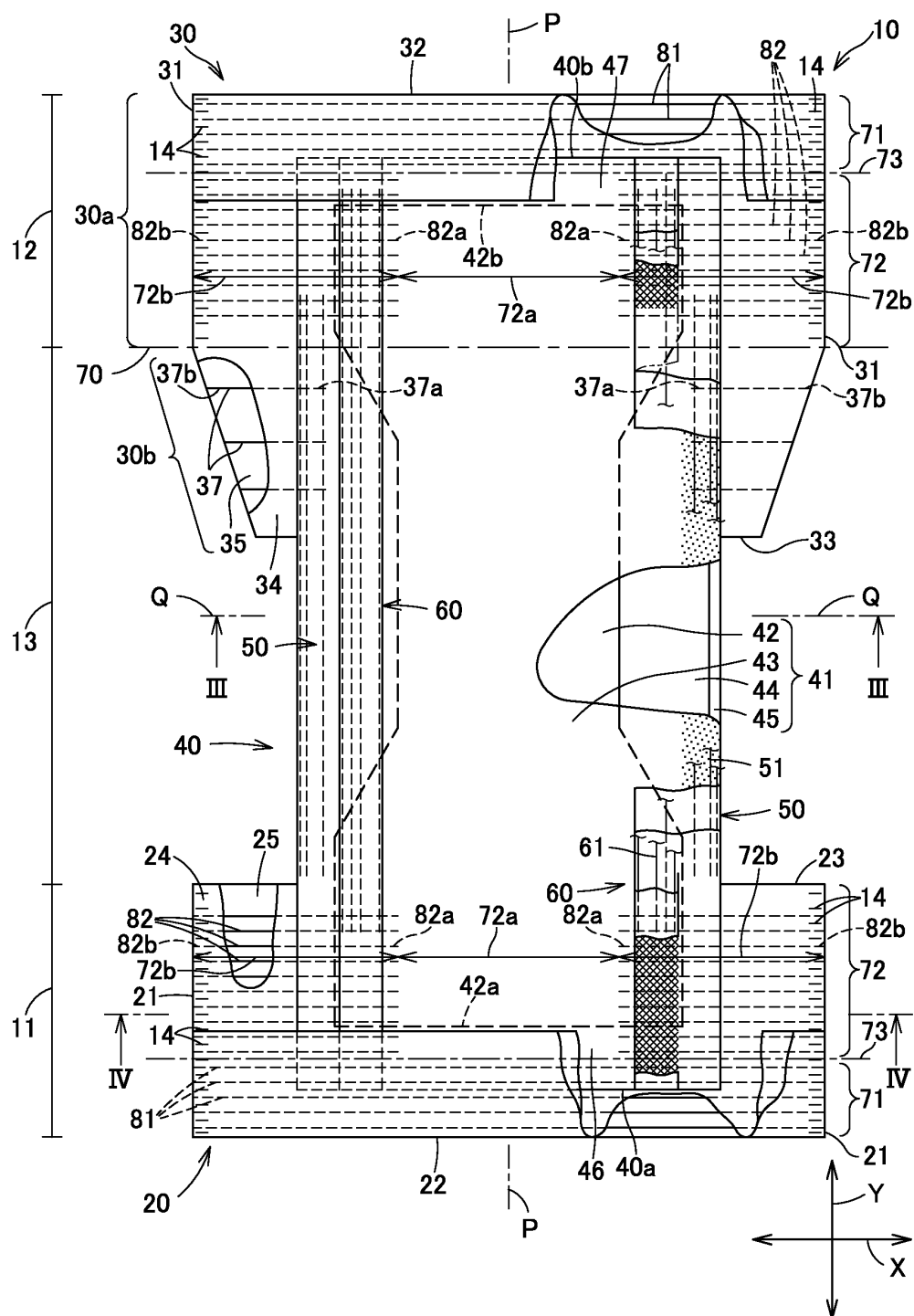
Family 68/100 - FAMPAT - ©Questel

Title

(EP2520259)

Diaper

Images



Publication numbers with kind code & date

MY162378	A	2017-06-15	MY-162378
PL2520259	T3	2016-09-30	PL2520259
BR112012015790	A2	2016-06-07	BR112012015790
EP2520259	B1	2016-03-30	EP2520259
KR101591140	B1	2016-02-02	KR101591140
EA022153	B1	2015-11-30	EA--22153
TWI507180	B	2015-11-11	TWI507180
AU2010337643	B2	2015-07-09	AU2010337643
US9023007	B2	2015-05-05	US9023007
CN102686194	B	2014-08-06	CN102686194B
IN4840/CHENP/2012	A	2014-02-28	IN2012CN04840
EP2520259	A4	2013-10-30	EP2520259



JP5346276	B2	2013-08-23	JP5346276				
NZ600769	A	2013-05-31	NZ-600769				
EA201290333	A1	2013-01-30	EA201290333				
TH120515	A	2013-01-28	TH-120515				
VN31574	A	2012-11-26	VN--31574				
US20120289921	A1	2012-11-15	US20120289921				
BR112012015790	A1	2012-11-13	BR112012015790				
EP2520259	A1	2012-11-07	EP2520259				
CN102686194	A	2012-09-19	CN102686194				
KR20120102793	A	2012-09-18	KR20120102793				
AU2010337643	A1	2012-07-12	AU2010337643				
TW201138740	A	2011-11-16	TW201138740				
JP2011136082	A	2011-07-14	JP2011136082				
WO2011/081027	A1	2011-07-07	WO201181027				

Abstract

(EP2520259)

The present invention provides a wearing article improved to facilitate wrinkles created in a front waist region as well as in a rear waist region to be smoothed. A diaper 10 includes front and rear waist members 20, 30, a crotch member 40 by the intermediary of which these front and rear waist members 20, 30 are connected. The front and rear waist members 20, 30 extend from waist ends 22, 32 toward the side of a crotch region 13 and respectively include first regions 71 overlapping front and rear end flaps 46, 47 of the absorbent structure 41 and second regions 72 adjacent the respective first regions 71. In the front and rear waist members 20, 30, the first regions 71 and the second regions 72 are provided with first waist elastic members 81 and second waist elastic members 82 so as to be sandwiched between the respective top- and backsheets 24, 25; 34, 35. The respective second regions 72 are formed with inelastic zones 72a overlapping the core 42 and elastic regions 72b lying on both sides of the inelastic regions 72a in the transverse direction. The tightening force of the respective first regions 71 are set to be lower than the tightening force of the respective second regions 72.

Inventors

HASHINO YUKI

PHICHETKITJAWAT SARINEE

MASAKI SHUNSUKE

Latest standardized assignees - inventors removed

UNICHARM

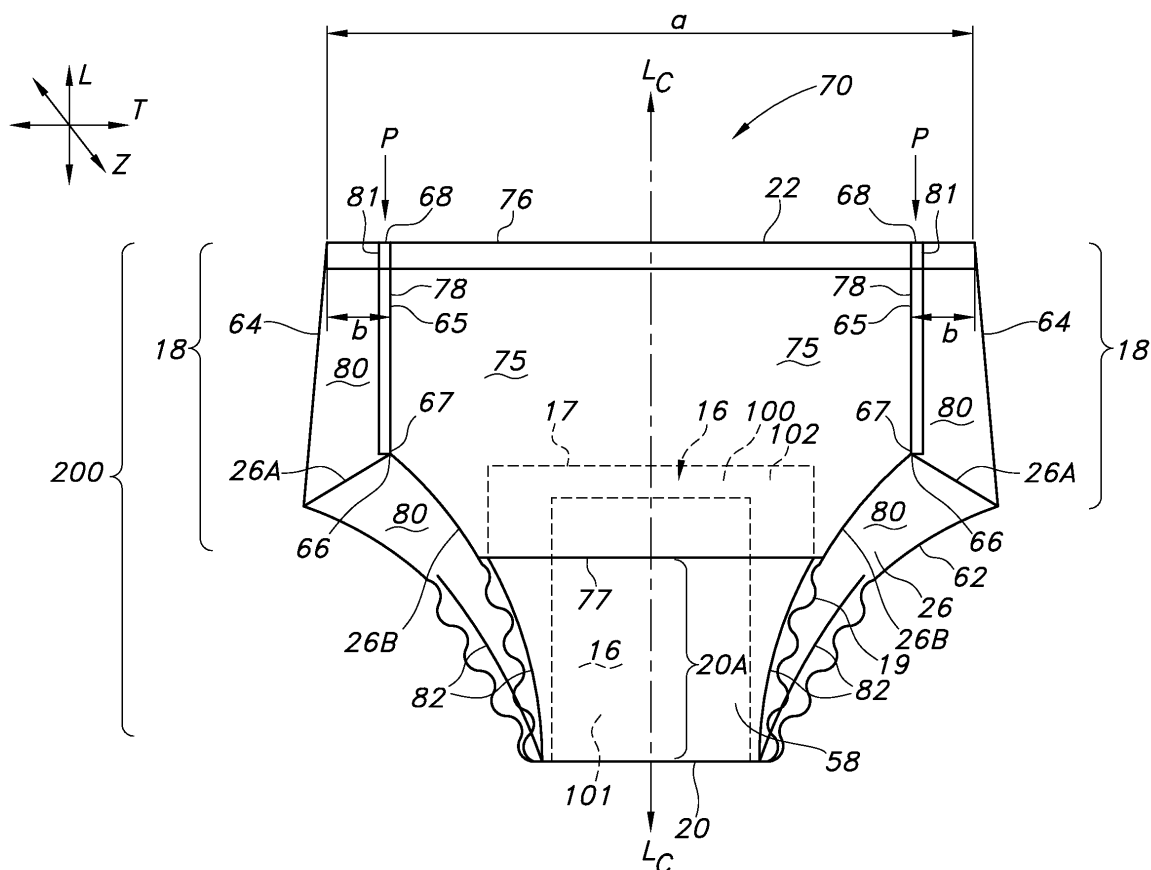
Family 69/100 - FAMPAT - ©Questel

Title

(EP3240513)

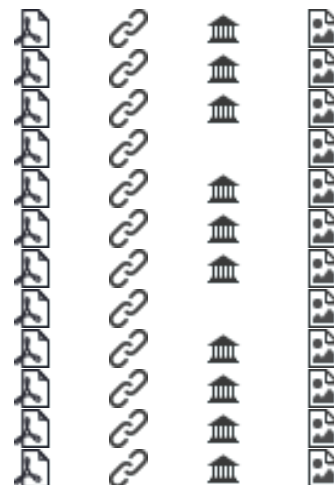
Absorbent article having stretchable panels and method of making same

Images



Publication numbers with kind code & date

AU2014415570	B2	2020-01-02	AU2014415570
EP3240513	B1	2019-08-21	EP3240513
EP3240513	A4	2018-07-18	EP3240513
KR101817579	B1	2018-02-21	KR101817579
BR112017013144	A2	2018-01-02	BR112017013144
US20170348158	A1	2017-12-07	US20170348158
EP3240513	A1	2017-11-08	EP3240513
KR20170094378	A	2017-08-17	KR20170094378
CN106999315	A	2017-08-01	CN106999315
AU2014415570	A1	2017-07-20	AU2014415570
BR112017013144	A1	2017-07-04	BR112017013144
WO2016/108898	A1	2016-07-07	WO2016108898



Abstract

(EP3240513)

An absorbent article includes bond seams that are positioned forwardly towards the article central longitudinal direction from the lateral-most side edges of the article, and which are aligned with the highest point of high rise leg openings on the article. The absorbent article is conformable on both front and back panels, with the front panel being narrower in dimension than the back panel. The bond seams and leg openings can be seen on the front surface of the relaxed and flattened absorbent article. Such absorbent article may be manufactured along the article transverse direction by use of differential tension during manufacture, or differential retractive properties of elastic base materials.

Inventors

JUNG JIYOUNG H
KIM DAEGUN
YOU KUEYOUNG
LEE MINJAE
LEE SEUL

OBRIEN SARAH A

HANCOCK-COOKE CATHERINE M

Latest standardized assignees - inventors removed

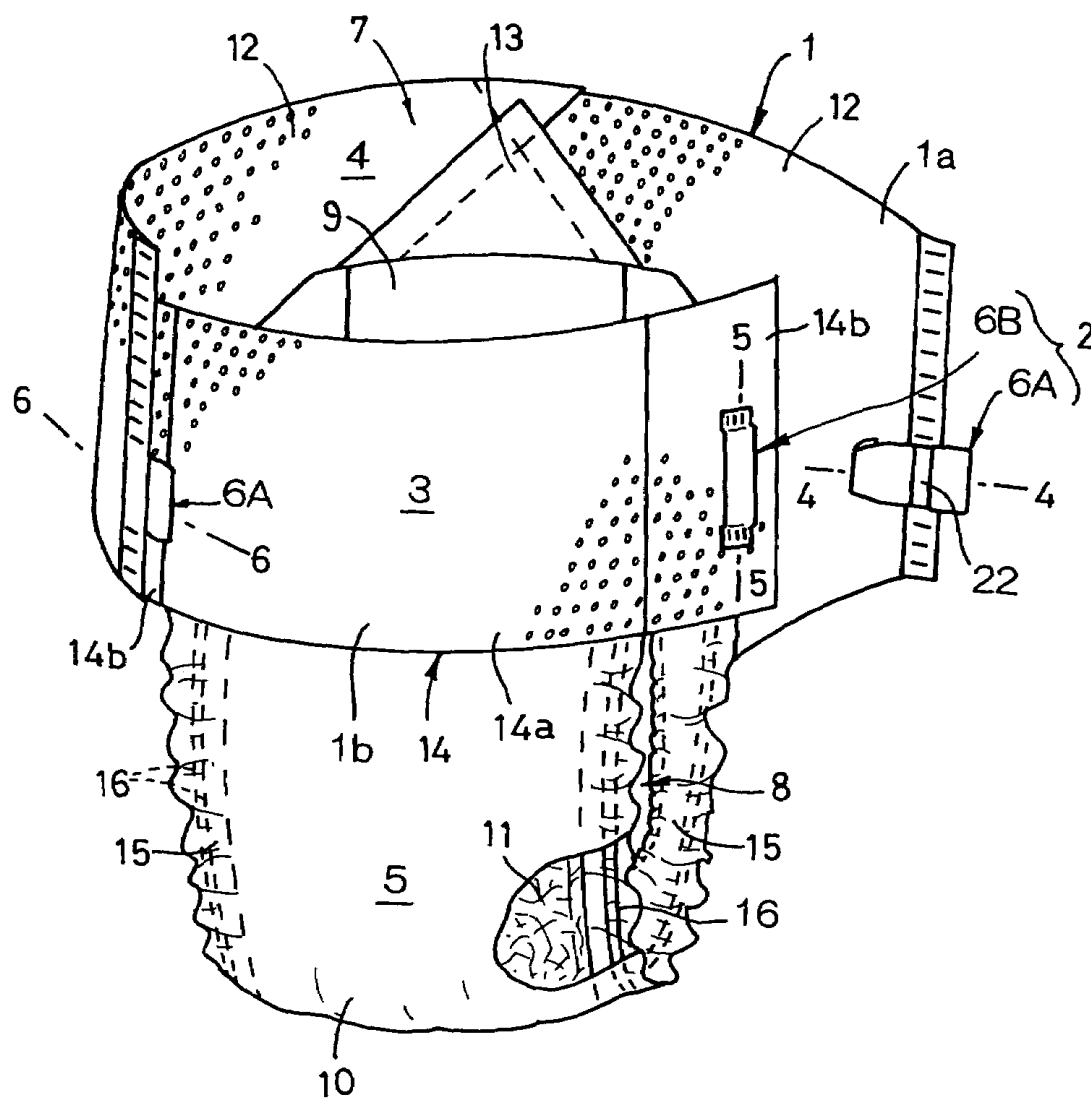
KIMBERLY CLARK

Family 70/100 - FAMPAT - ©Questel

Title

(WO200594752)

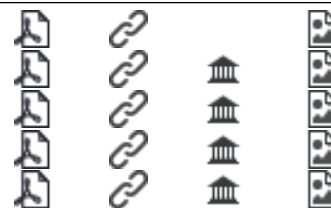
Wearing article

Images**Publication numbers with kind code & date**

TH52314	B	2016-11-10	TH--52314B
JP4949618	B2	2012-03-16	JP4949618
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US7582077	B2	2009-09-01	US7582077
KR100784778	B1	2007-12-14	KR100784778
CN1937986	A	2007-03-28	CN1937986
TWI272939	B	2007-02-11	TWI272939
KR20070003957	A	2007-01-05	KR20070003957



TH74778	A	2006-01-19	TH--74778
TW200538091	A	2005-12-01	TW200538091
JP2005312907	A	2005-11-10	JP2005312907
WO2005/094752	A1	2005-10-13	WO200594752
US20050222552	A1	2005-10-06	US20050222552

**Abstract**

(WO2005/094752)

A wearing article where a state of fastening between front and back waist regions can be reliably held. A wearing article having a chassis (1) with front and back side waist regions (3, 4), means (2) for fastening both side sections of the chassis together, and means for enabling at least either the front side or back side waist region to be elastically adjustable for expansion and contraction in the lateral direction. The fastening means (2) are each constituted of a flat rigid fastening panel (6A) whose head section is directed inward and whose base end section is fixed to each of both side sections of the rear side waist region, and of an engagement section (6B) that is positioned at each of both side sections of the front side waist region and with which a fastening panel (6A) releasably engages.

Inventors

OTSUBO TOSHIFUMI

Latest standardized assignees - inventors removed

UNICHARM

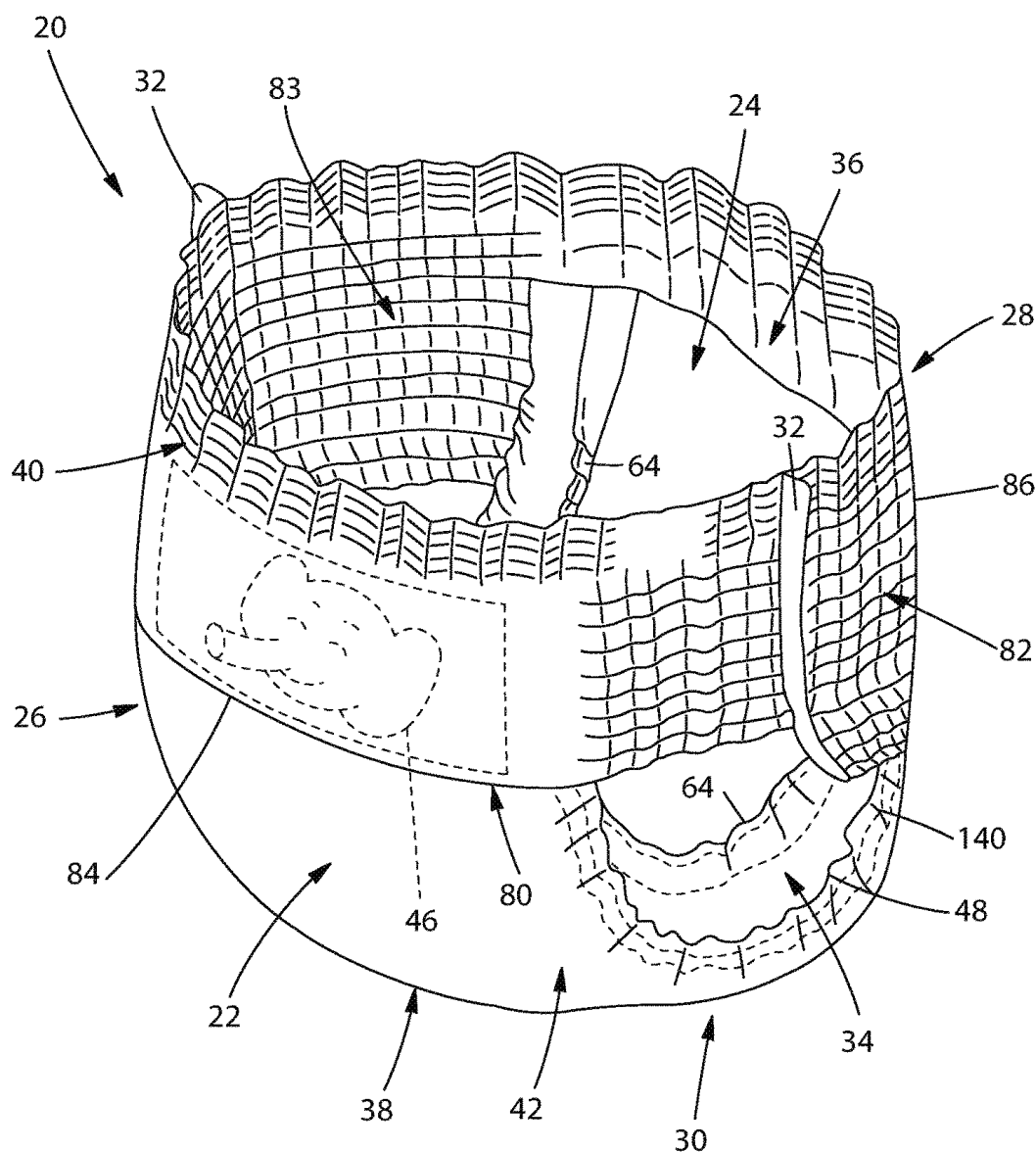
Family 71/100 - FAMPAT - ©Questel

Title

(EP2849710)

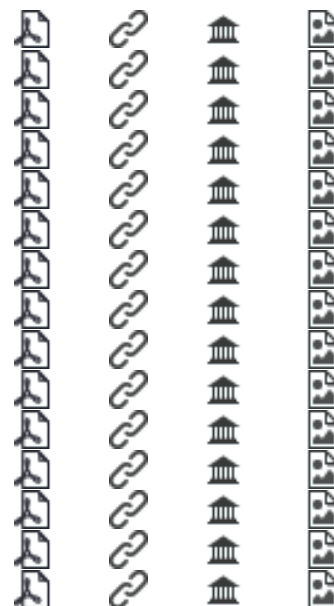
Absorbent article having multiple graphic zones

Images



Publication numbers with kind code & date

US20190076306	A1	2019-03-14	US20190076306
US10166155	B2	2019-01-01	US10166155
CN104349761	B	2018-11-16	CN104349761B
BR112014028359	A2	2017-06-27	BR112014028359
JP2017099942	A	2017-06-08	JP2017099942
JP6096286	B2	2017-02-24	JP6096286
US20170027770	A1	2017-02-02	US20170027770
BR112014028359	A1	2017-01-31	BR112014028359
US9339421	B2	2016-05-17	US9339421
JP2015519951	A	2015-07-16	JP2015519951
EP2849710	A2	2015-03-25	EP2849710
CN104349761	A	2015-02-11	CN104349761
WO2013/173290	A3	2014-01-09	WO2013173290
US20130310798	A1	2013-11-21	US20130310798
WO2013/173290	A2	2013-11-21	WO2013173290



Abstract

(EP2849710)

An absorbent article includes a first waist region, a second waist region, and a crotch region, wherein the first waist region

and second waist region are joined with each other such that a pair of side seams are formed and the absorbent article has two leg openings and a waist opening. At least one of the first waist region or the second waist region include a first graphic zone, a second graphic zone, and a third graphic zone, wherein the first graphic zone, the second graphic zone, and the third graphic zone are disposed at a side seam of the absorbent article.

Inventors

GLAHN TINA MARIE

WALTHER RACHAEL EDEN

LAVON GARY DEAN

BICKING AMANDA MARGARET

JURATOVAC DIANA WOEHL

SHIPLEY SARA JON

MELENDEZ VANESSA

DESAI FRED NAVAL

HASSE MARGARET HENDERSON

Latest standardized assignees - inventors removed

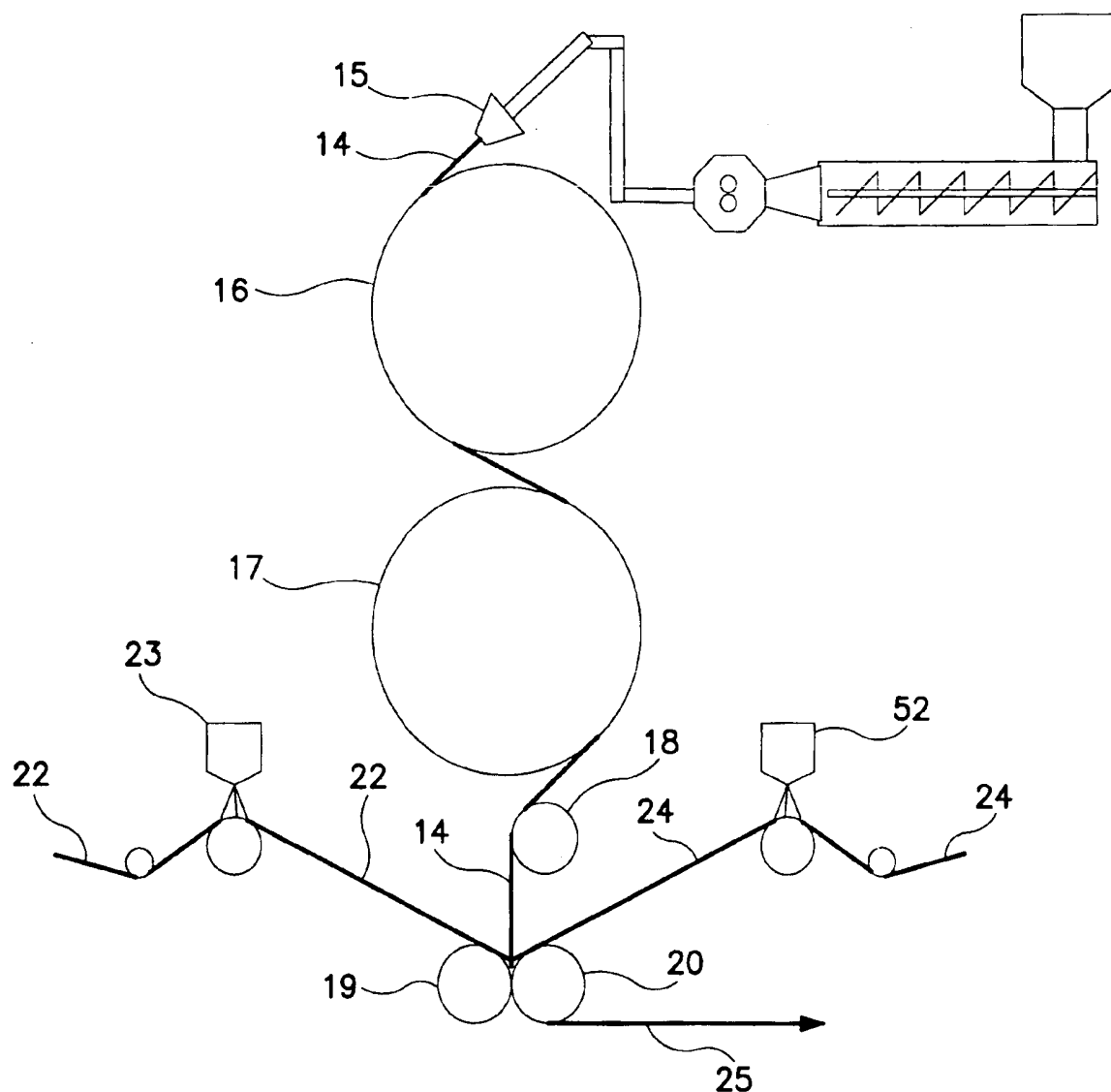
PROCTER & GAMBLE

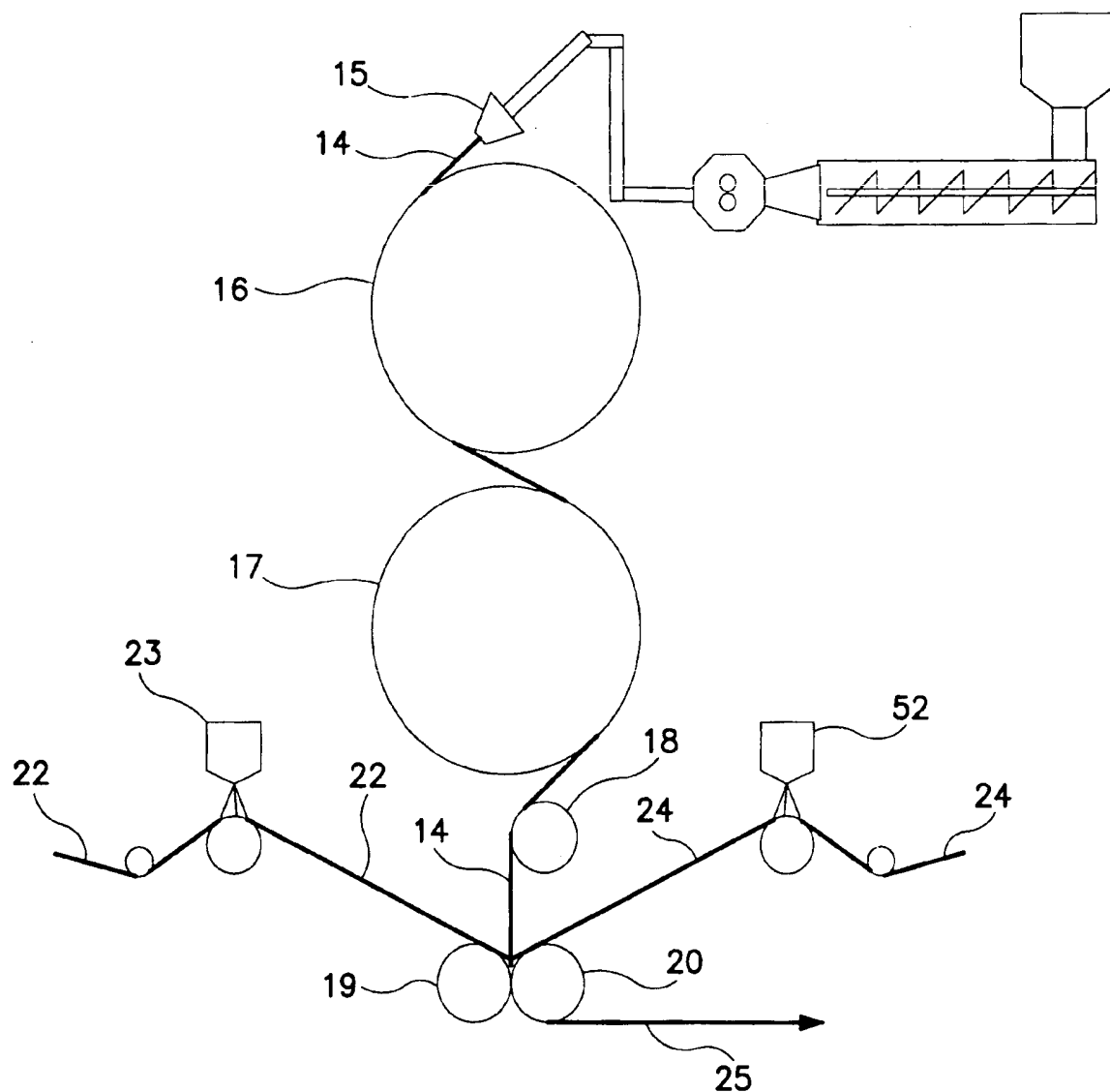
Family 72/100 - FAMPAT - ©Questel

Title

(EP1284855)

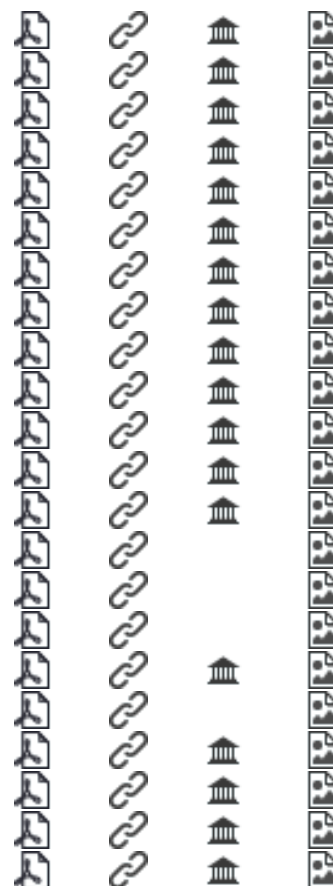
Method and apparatus for producing laminated articles

Images



Publication numbers with kind code & date

BR122012021527	B1	2018-08-14	BR122012021527
EP2204100	B2	2016-06-29	EP2204100
BRPI0314593	B1	2016-04-26	BR200314593
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BRPI0410428	B1	2014-12-30	BR200410428
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EP1646345	B1	2014-03-19	EP1646345
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EP1284855	B1	2012-09-19	EP1284855
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US7887526	B2	2011-02-15	US7887526
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KR20030034070	A	2003-05-01	KR20030034070				
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WO01/88245	A3	2002-03-14	WO200188245				
AU6312301	A	2001-11-26	AU200163123				
WO01/88245	A2	2001-11-22	WO200188245				

Abstract

(EP1284855)

In the invention, a method is provided for producing a composite nonwoven fabric. A polymer is extruded into heated continuous filaments, possibly elastic, from the die head to a first chilled roller, wherein the extruder is configured to provide the continuous filaments to the chilled roller in a canted direction that is at a tangent or angle to the surface of the first chilled roller. The filaments are conveyed in a downward direction by way of chilled rollers to a nip. In a next step, the nonwoven web is sprayed with an adhesive and is laminated on the continuous filaments in the nip to form a composite nonwoven fabric. The continuous filaments move vertically downward approximately in line with the lamination process, facilitating automatic re-threading of filaments when they are broken or interrupted in their travel downward onto the chilled rolls.

Inventors

WELCH HOWARD M

MORELL CHARLES J

COOK MICHAEL C

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MORRIS MARION C

WIDEMAN RONALD H

BREWER JOHN A

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SALTER KENNETH M

MAY RAYMOND J

BOGGS LAVADA CAMPBELL

DOBBINS LESLIE D

Latest standardized assignees - inventors removed

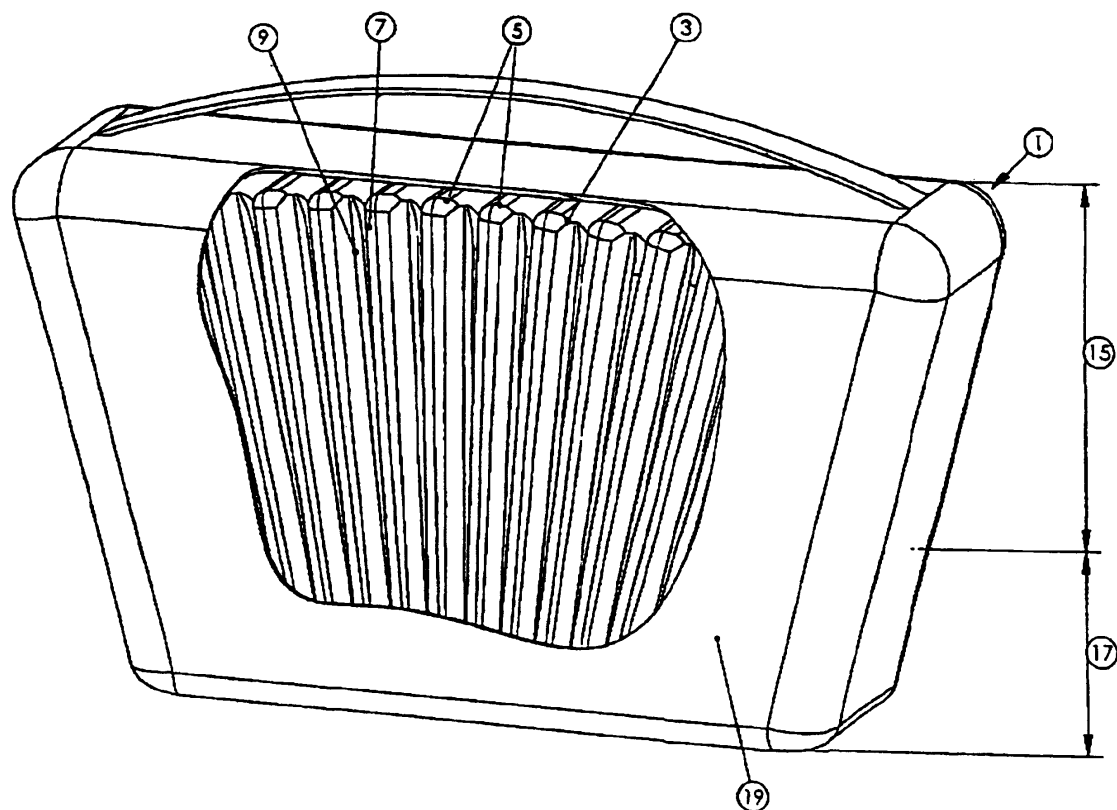
KIMBERLY CLARK

Family 73/100 - FAMPAT - ©Questel

Title

(EP1140662)

Packaging of flexible articles

Images**Publication numbers with kind code & date**

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CN1334777	B	2010-05-12	CN1334777B
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DE69931185	T2	2007-02-01	DE69931185
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IL143482	B	2006-03-12	IL-143482
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EG22329	A	2002-12-31	EG--22329
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WO00/35776	A1	2000-06-22	WO200035776				

Abstract

(EP1140662)

The present invention is a package (1) containing an array (3) of flexible absorbent articles (5) (compressed or otherwise). Each absorbent article comprises a front face (7), a back face (9), a top face (6), a bottom face (8), a pair of side faces (10), an upper section (11), and a lower section (13). The upper (11) and lower (13) sections have mutually different caliper. At least a portion of the absorbent articles (5) are placed in a configuration such that their front faces (7) are in a contacting relationship with the front faces (7) of the adjacent absorbent articles. The package (1) comprises a flexible outer casing (19), an array (3) of absorbent articles (5) having a first region (15) and a second region (17) and the upper (11) and lower (13) sections of the absorbent articles are distributed over the first (15) and second (17) regions is at least about 10 % smaller that when all of the upper (11) sections of the absorbent articles (5) are located in the same region of the array (3).

Inventors

TIPPEY DAROLD DEAN

BORDAIN NEFETARI EDRIS

Latest standardized assignees - inventors removed

KIMBERLY CLARK WORLDWIDE

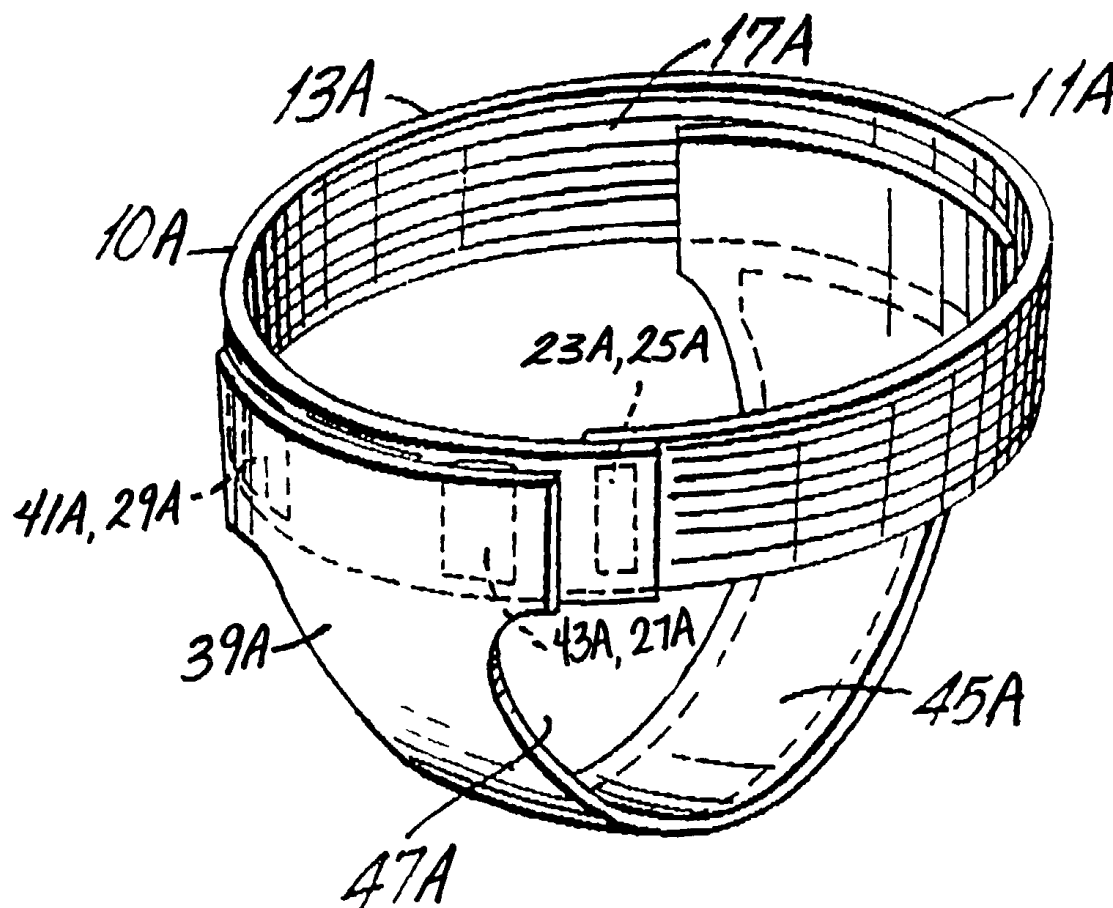
Family 74/100 - FAMPAT - ©Questel

Title

(US20020151858)

Absorbent articles for various torso sizes

Images

**Publication numbers with kind code & date**

US20020151858

A1 2002-10-17

US20020151858

**Abstract**

(US20020151858)

A disposable absorbent article is provided to fit various torso sizes. The article having a laterally extending belt, which may be partly stretchable or elastically, and an insert member disposed vertically relative to the belt. The insert member has a proximal end for attachment to the belt, and a distal end having two spaced apart tape tab fasteners. The belt has two wing portions disposed to the left and right sides of a vertical axis running through the insert member, and is provided with tape tab fasteners and landing zones adapted to engage with each other and with the tape tab fasteners on the distal end of the insert member when the belt is wrapped around the torso of a wearer and the insert member is folded onto the belt. In one embodiment, one wing is longer than the other wing of the belt, and in a further embodiment the belt is a half-belt, or one wing, attached to the left or right side of the proximal end of the insert member. Several fastening systems are provided for fastening the absorbent article when it is assembled for wear.

Inventors

KARAMI HAMZEH

DAMAGHI KAMBIZ

DAMAGHI BABAK

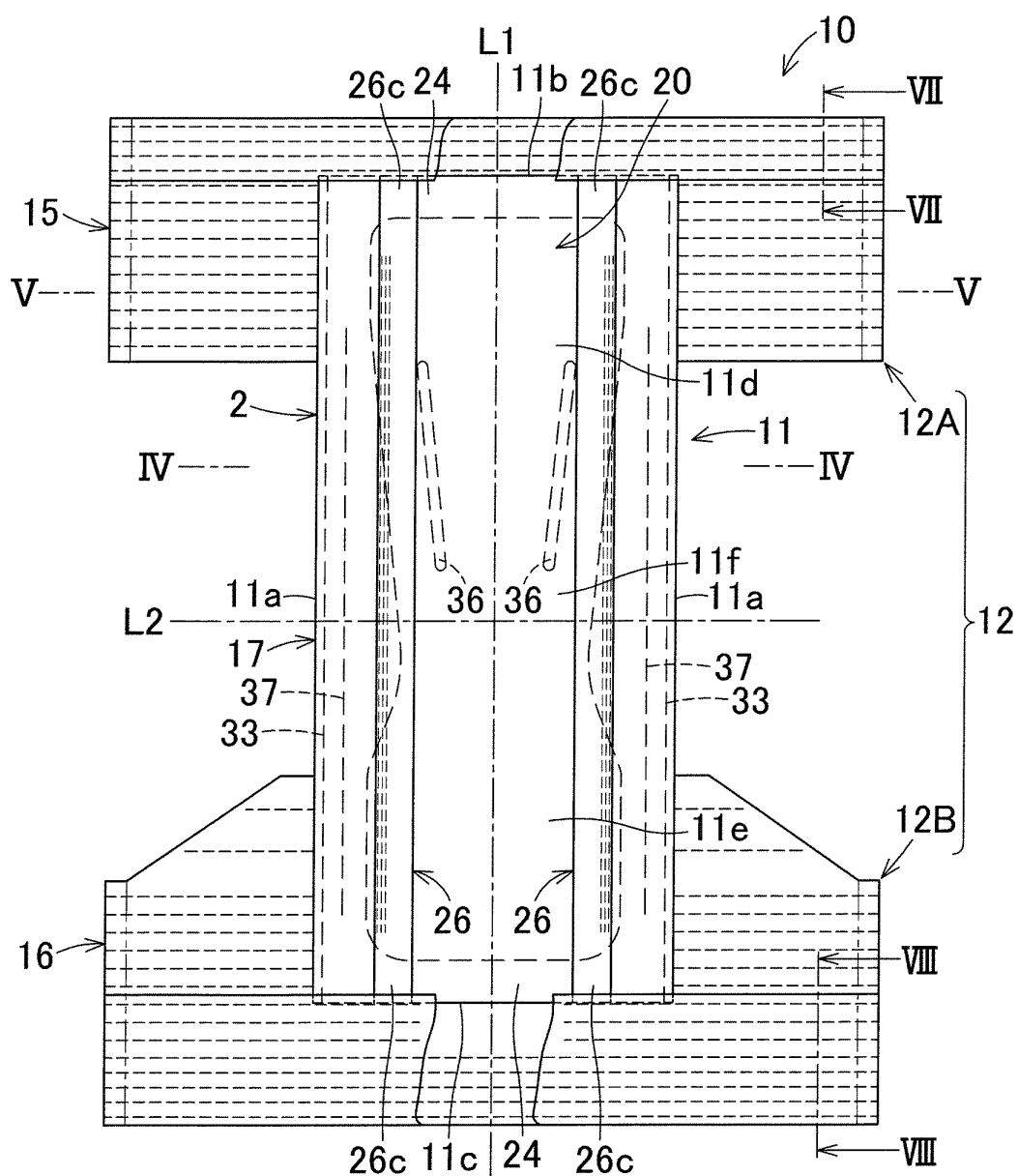
Latest standardized assignees - inventors removed

FIRST QUALITY PRODUCTS

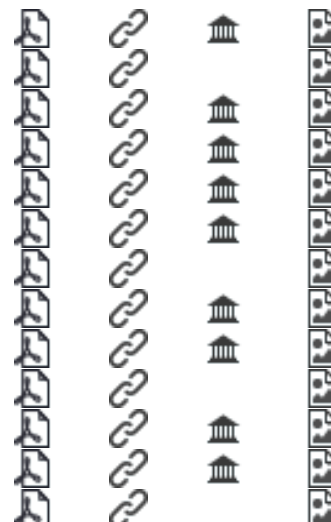
Family 75/100 - FAMPAT - ©Questel

Title

(EP2275065)



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TH55823	B	2017-07-06	TH--55823B
BRPI0906323	A2	2015-09-22	BR200906323
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JP2009240639	A	2009-10-22	JP2009240639				
AU2009233163	A1	2009-10-08	AU2009233163				
WO2009/122801	A1	2009-10-08	WO2009122801				

Abstract

(EP2275065)

The present invention aims to provide a disposable absorbent wearing article constructed so that an absorbent core may be deformed to form absorbent barriers against body waste and thereby an absorbent chassis including the absorbent core may be kept in contact with the wearer's torso with good fitness to improve appearance of the article put on the wearer's body and to prevent leak of body waste. A disposable absorbent wearing article 10 comprising an absorbent chassis 11 and an annular elasticized waist panel 12 wherein the absorbent core 23a of the absorbent chassis 11 is formed with deformation guides 36 so that at least opposite lateral regions of said absorbent core may be deformed along the deformation guides 36 toward the wearer's torso under elastic contraction of at least a front waist panel 12A constituting the annular waist panel 12.

Inventors

KUWANO SEIICHI

ONO YOSHIO

Latest standardized assignees - inventors removed

UNICHARM

Family 76/100 - FAMPAT - ©Questel

Title

(EP-820747)

Absorbent article with elastic feature

Images

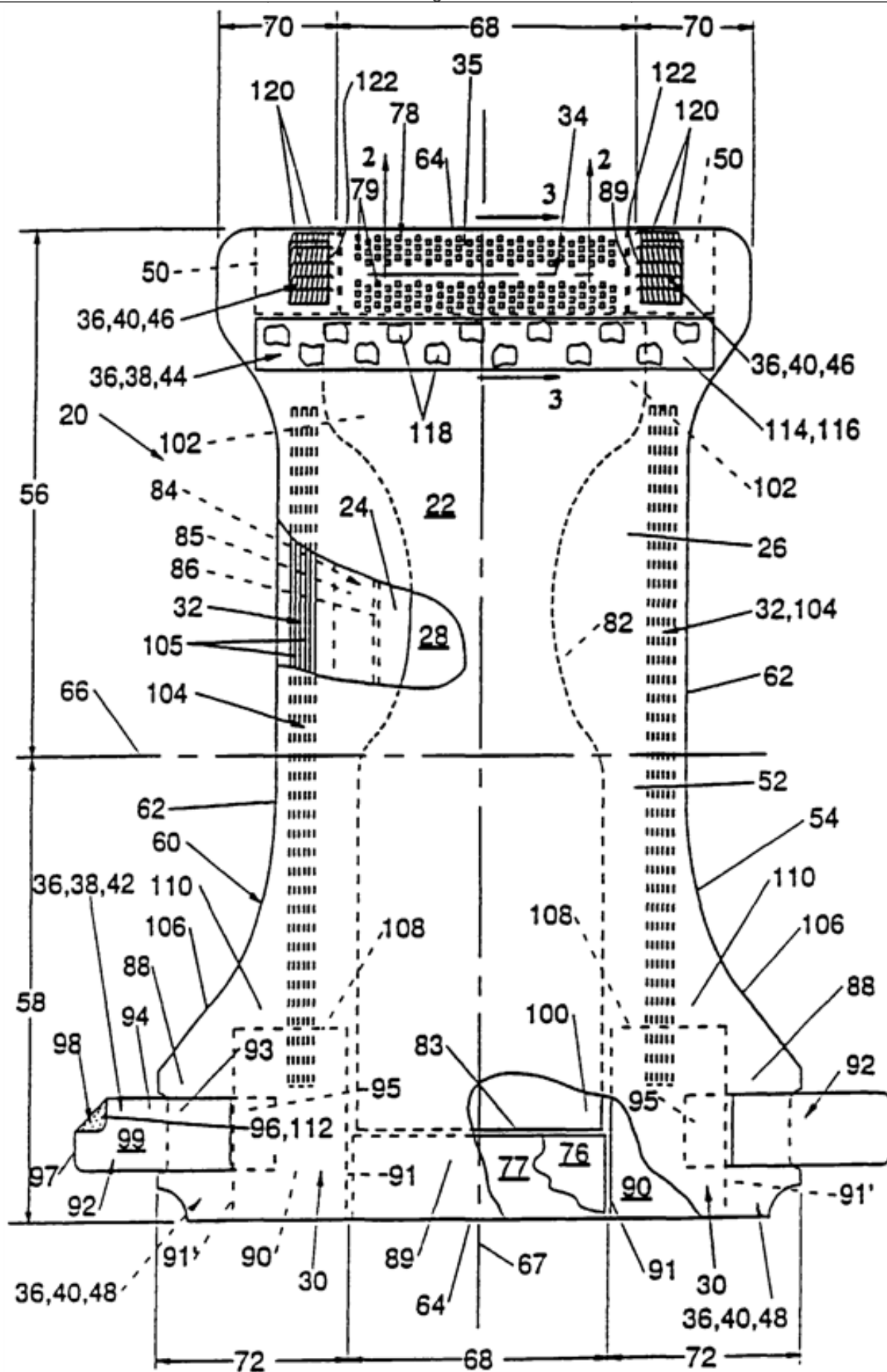


Fig. 1

Publication numbers with kind code & date

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A 2000-05-25

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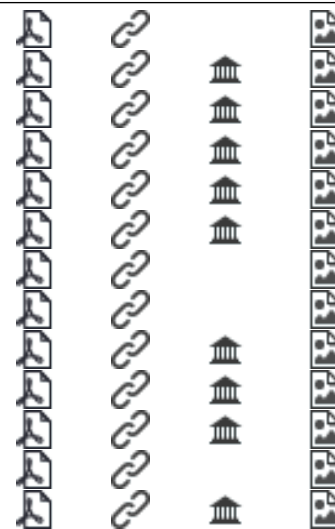
JPH11514558

A 1999-12-14

JP11514558



AR007975	A1	1999-11-24	AR---7975
EP0921777	A4	1999-10-13	EP-921777
CN1230106	A	1999-09-29	CN1230106
TW367243	B	1999-08-21	TW-367243
BR9710567	A	1999-08-17	BR9710567
EP0921777	A1	1999-06-16	EP-921777
PE97698	A1	1998-12-30	PE9800976
ID19622	A	1998-07-23	ID--19622
AU3672297	A	1998-02-20	AU9736722
CA2261810	A1	1998-02-05	CA2261810
WO98/04224	A1	1998-02-05	WO9804224
ZA9706614	B	1998-02-03	ZA9706614
EP0820747	A1	1998-01-28	EP-820747



Abstract

(EP0820747)

An absorbent article having an improved elastic feature which is easy to handle during manufacture and subsequent processing of the absorbent article. The composite elastic feature comprises at least one extruded elastomeric layer and at least one extruded, substantially non-elastomeric layer which form a film. Before the film is elasticized by activation the non-elastomeric layer inhibits the elastic properties of the elastomeric layer, said inhibiting effect being lost after activation. The absorbent article can be any absorbent article having an elastic feature, preferably integral disposable absorbent articles.

Inventors

MUELLER JOERG

SOON SEE-AUN

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

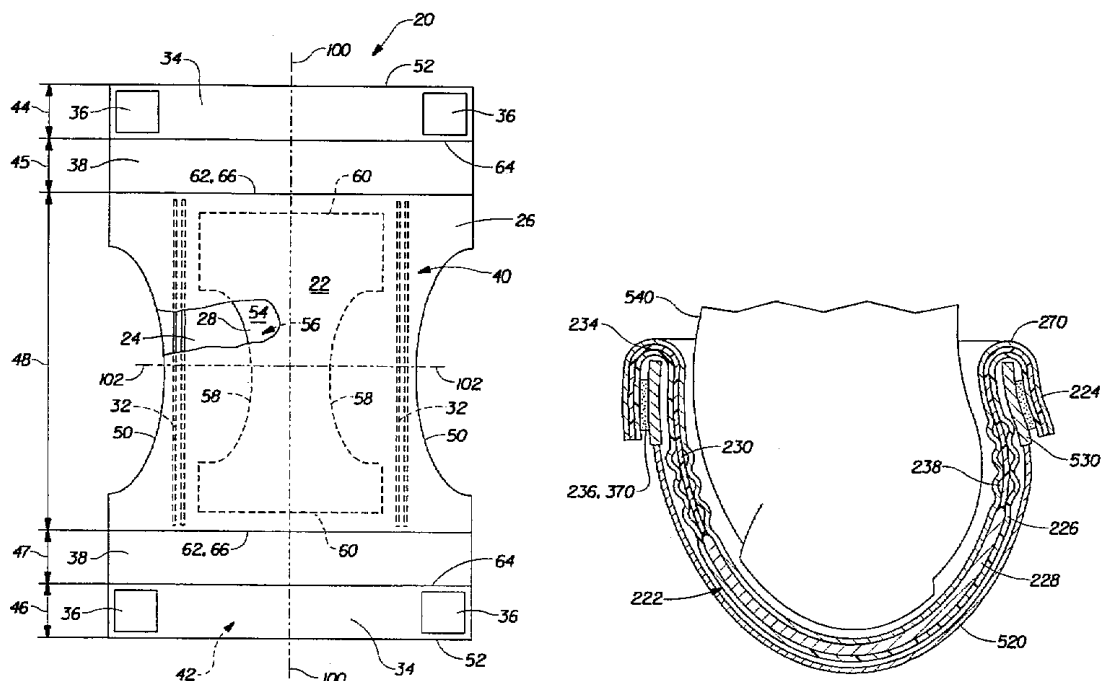
Family 77/100 - FAMPAT - ©Questel

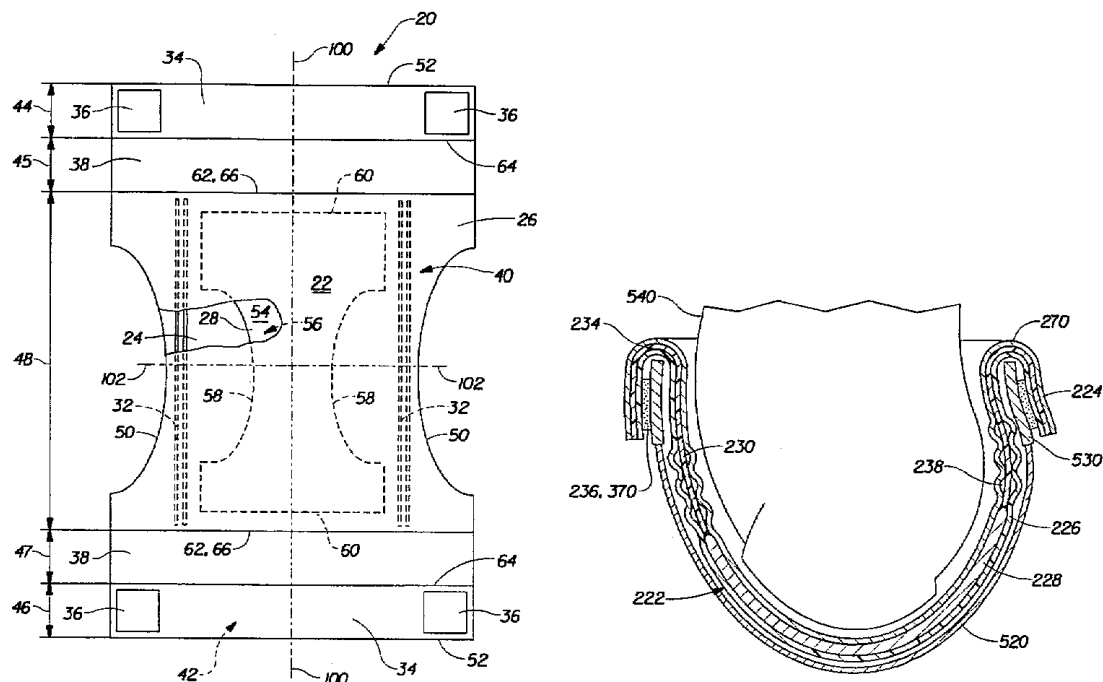
Title

(US5690627)

Absorbent article with fit enhancement system

Images





Publication numbers with kind code & date

US5690627

A 1997-11-25

US5690627



Abstract

(US5690627)

Absorbent articles, such as disposable diapers, incontinence briefs, diaper holders, training pants, and the like having fit panels that improve body contact of the containment assembly, with resulting improved fit, are provided. The fit panels have longitudinal elastic extensibility that provides a body contact force causing the containment assembly to have improved contact with a wearer throughout the full range of wearer motions. The longitudinal elastic extensibility of the fit panel also allows the absorbent article to adapt to the change in body rise dimensions that occurs during normal movement. An alternative embodiment of the invention also provides a stretchable attachment component allowing the waist feature of the absorbent article to be attached to the waistband of a wearer's clothing in a manner such that it can stretch and contract with the waistband while remaining attached.

Inventors

CLEAR SANDRA HINTZ

BUELL KENNETH BARCLAY

STELLJES DENISE MARIE

CUMMINS MERLENE ADAMS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

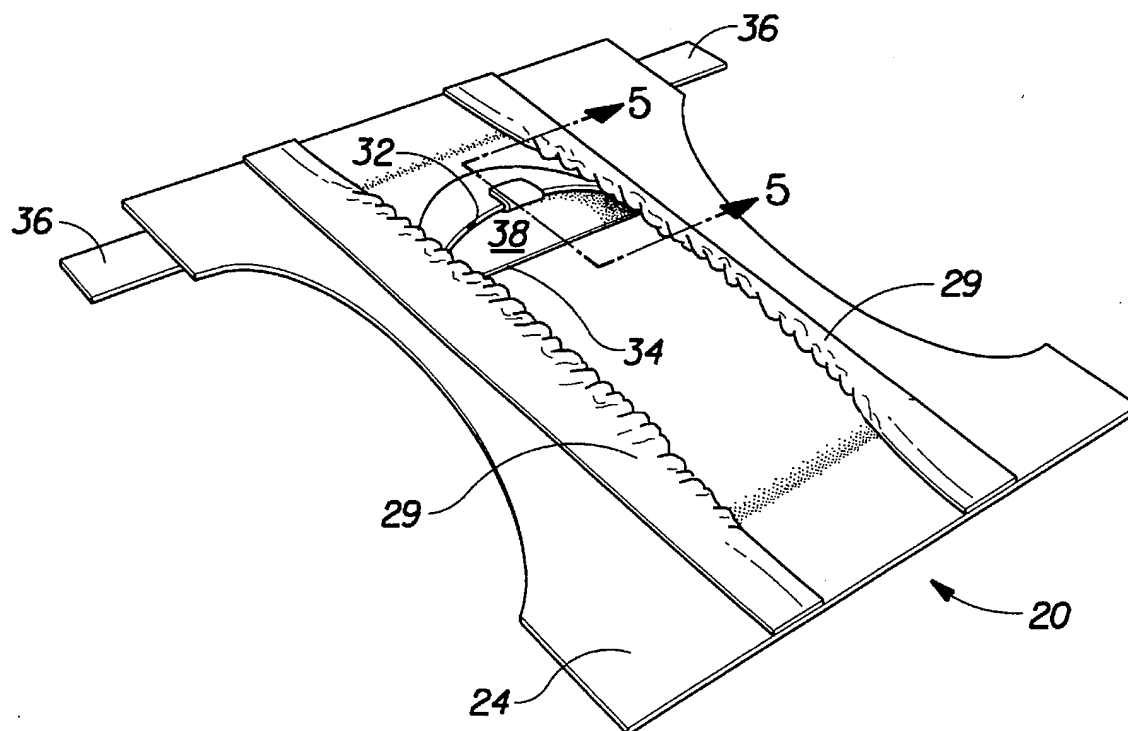
Family 78/100 - FAMPAT - ©Questel

Title

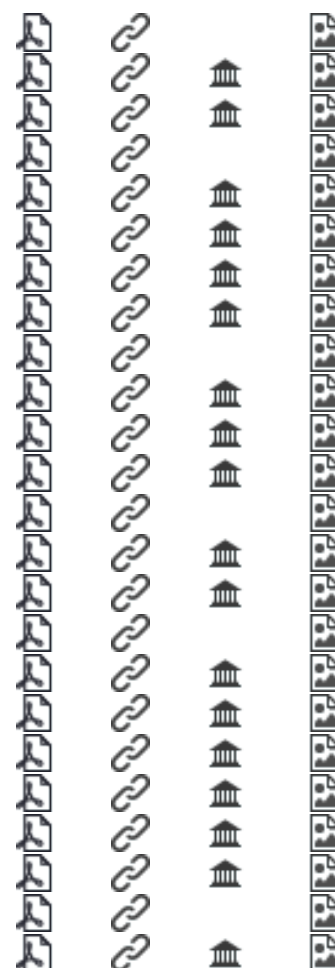
(EP-796069)

Absorbent article having a releasable pocket cuff

Images



MY131682	A	2007-08-30	MY-131682
JP3665075	B2	2005-04-08	JP3665075
DE69518662	T2	2001-05-03	DE69518662
HK1003365	A1	2001-04-27	HK1003365
CA2205862	C	2001-04-24	CA2205862
ES2149389	T3	2000-11-01	ES2149389
DE69518662	D1	2000-10-05	DE69518662
EP0796069	B1	2000-08-30	EP-796069
KR100244607	B1	2000-02-15	KR100244607
JPH10512768	A	1998-12-08	JP10512768
US5795347	A	1998-08-18	US5795347
US5795348	A	1998-08-18	US5795348
KR19987000042	A	1998-03-30	KR19987000042
CN1173124	A	1998-02-11	CN1173124
BR9509868	A	1997-11-25	BR9509868
MX9704221	A	1997-09-30	MX9704221
EP0796069	A1	1997-09-24	EP-796069
US5667503	A	1997-09-16	US5667503
TW302280	B	1997-04-11	TW-302280
AU4415596	A	1996-06-26	AU9644155
CA2205862	A1	1996-06-13	CA2205862
WO96/17572	A1	1996-06-13	WO9617572
ZA9510457	B	1996-05-30	ZA9510457
US5514121	A	1996-05-07	US5514121



(EP0796069)

A disposable absorbent article such as a diaper. The diaper has a topsheet, backsheet, and an intermediate core. Affixed to the outwardly oriented surface of the topsheet is an expulsive spacer. The spacer receives and collects fecal material from the wearer. The spacer may be removable from the diaper, or may be articulable relative to the diaper. By expelling the spacer from the diaper, fecal material can be easily flushed into the toilet, rather than discarded into a waste receptacle where it presents a sanitation hazard.

Inventors

ROE DONALD CARROLL

DREIER KIMBERLY ANN

Latest standardized assignees - inventors removed

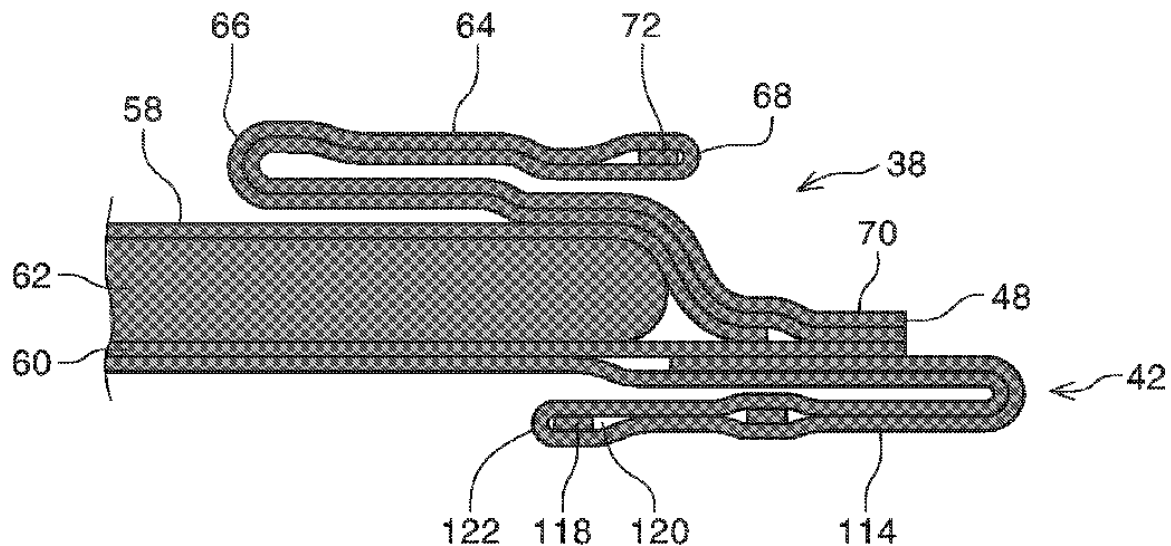
PROCTER & GAMBLE

Family 79/100 - FAMPAT - ©Questel

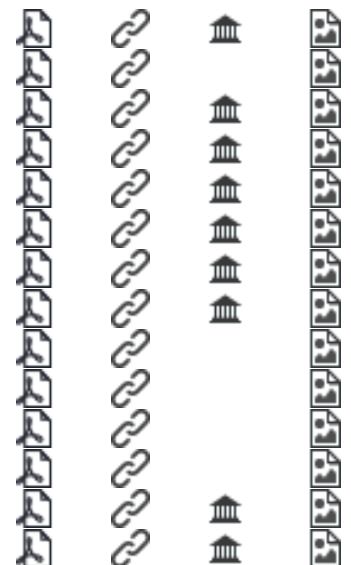
Title

(EP1626690)

Disposable pull-on garment

Images**Fig. 3****Publication numbers with kind code & date**

IN4757/DELNP/2005	A	2007-10-19	IN2005DN04757
ZA200508950	B	2007-03-28	ZA200508950
JP2006525857	A	2006-11-16	JP2006525857
EP1712212	A3	2006-10-25	EP1712212
EP1712212	A2	2006-10-18	EP1712212
BRPI0410659	A	2006-06-20	BR200410659
CN1784192	A	2006-06-07	CN1784192
EP1626690	A1	2006-02-22	EP1626690
KR20060016097	A	2006-02-21	KR20060016097
MXPA05012385	A	2006-02-02	MX2005PA012385
AR044440	A1	2005-09-14	AR--44440
CL2004001285	A1	2005-04-15	CL200401285
CA2524440	A1	2004-12-09	CA2524440
WO2004/105664	A1	2004-12-09	WO2004105664

**Abstract**

(EP1626690)

A disposable pull-on garment is disclosed. The disposable pull-on garment has a waist opening and leg openings. The pull-on garment comprises an absorbent main body, a ring-like elastic belt and an outer cover layer. The absorbent main body comprises a liquid pervious topsheet, a liquid impervious backsheet and an absorbent core disposed therebetween. The

absorbent main body has a longitudinal centerline, longitudinal side edges, transverse end edges, a front waist region, a back waist region and a crotch region. The front waist region and the back waist region are not joined directly. The ring-like elastic belt comprises a front belt layer and a back belt layer. The ring-like elastic belt is joined to the absorbent main body at the front waist region and the back waist region to form one waist opening and two leg openings. The ring-like elastic belt is not disposed in the crotch region of the absorbent main body. The outer cover layer comprises a separate material from the front belt layer and the back belt layer. The outer cover layer has longitudinal side portions and transverse end portions. The outer cover layer covers the absorbent main body in the crotch region and extends into the front waist region and the back waist region to be joined with the ring-like elastic belt. The longitudinal side portion of the outer cover layer is provided with a leg elastic material to form an elastic leg cuff.

Inventors

MATSUDA TOSHIYUKI

FUJIMOTO KENJI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

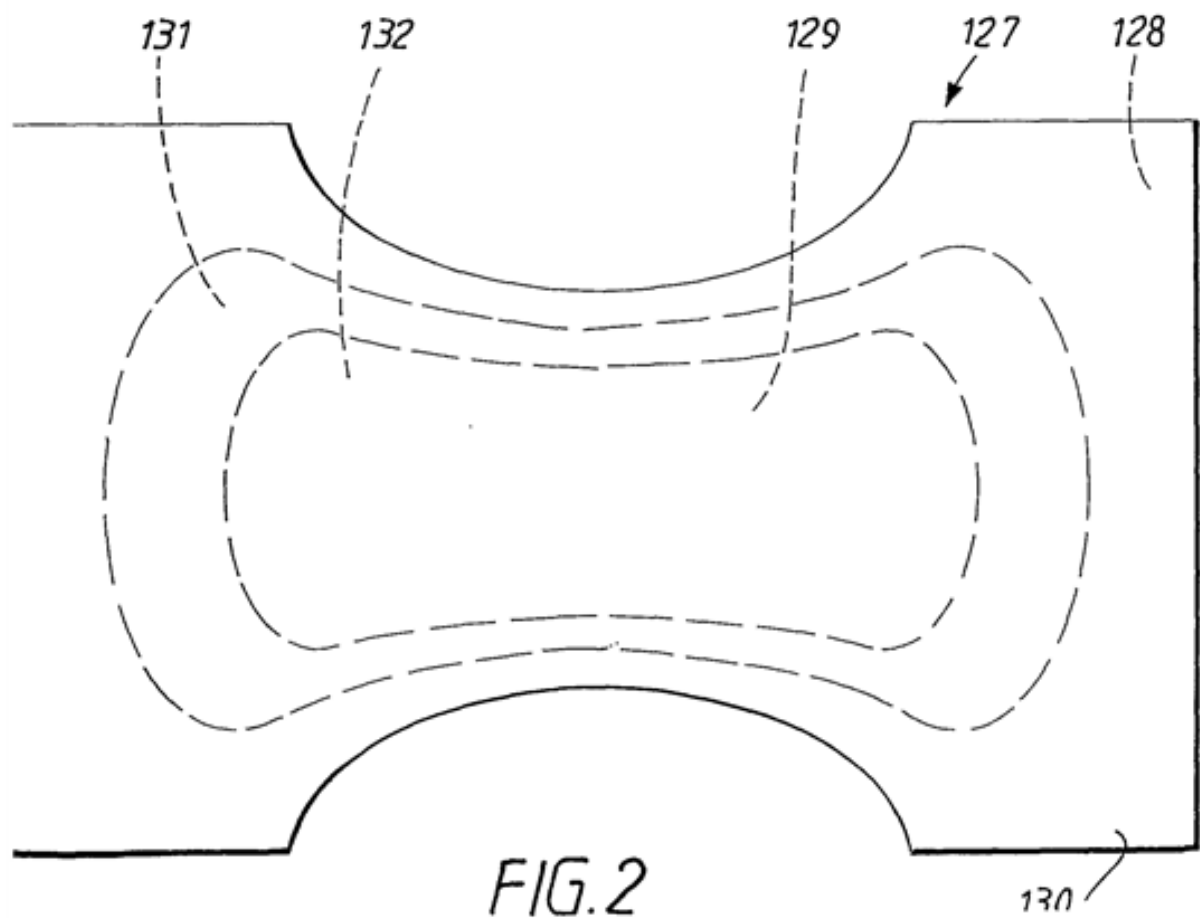
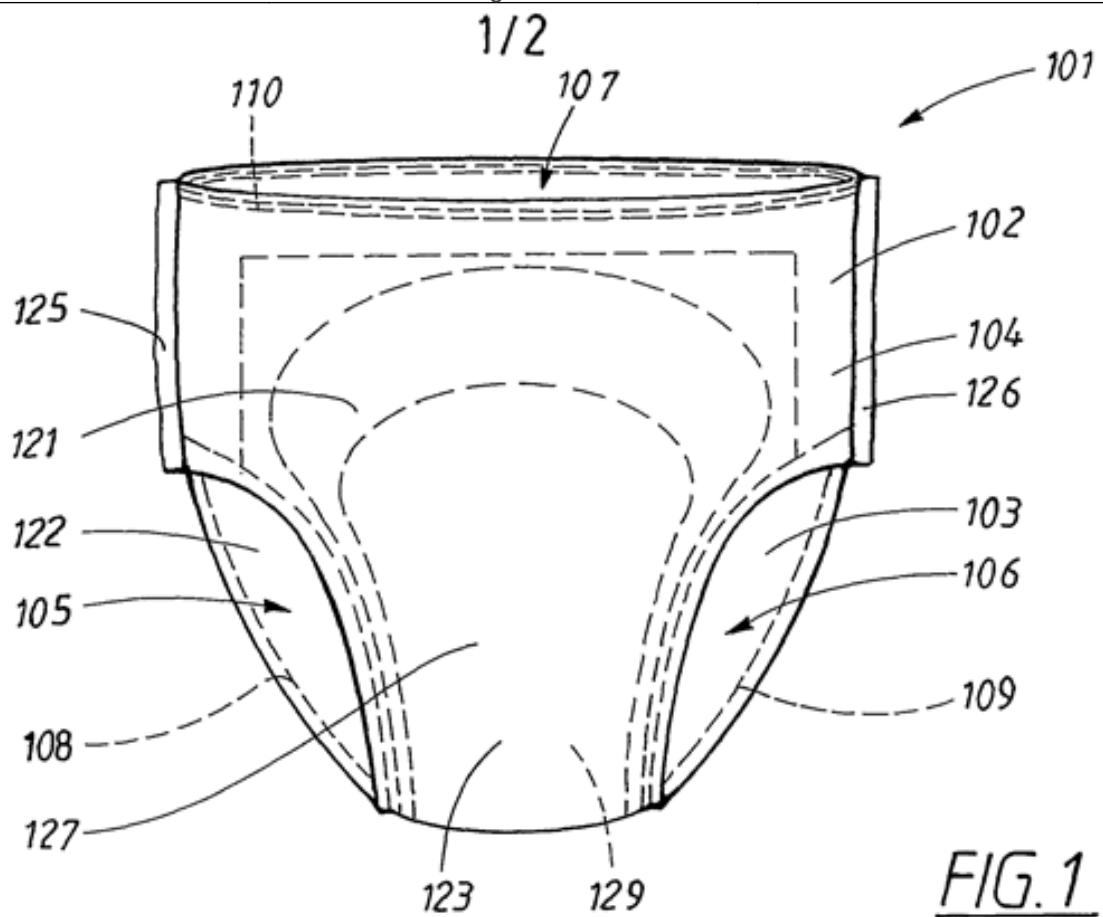
Family 80/100 - FAMPAT - ©Questel

Title

(EP1476113)

Elastic absorbent pants

Images



Publication numbers with kind code & date

BR0307601

B1 2012-10-30

BR200307601

EP1476113

B1 2012-07-18

EP1476113



CN100496441	C	2009-06-10	CN100496441C				
AU2003206327	B2	2008-01-17	AU2003206327				
RU2308256	C2	2007-10-20	RU2308256				
MXPA04007032	A	2005-09-08	MX2004PA007032				
CN1633270	A	2005-06-29	CN1633270				
JP2005517497	A	2005-06-16	JP2005517497				
PL370117	A1	2005-05-16	PL2003370117				
RU2004127940	A	2005-04-10	RU2004127940				
AR038407	A1	2005-01-12	AR--38407				
BR0307601	A	2004-12-21	BR200307601				
EP1476113	A1	2004-11-17	EP1476113				
KR20040085208	A	2004-10-07	KR20040085208				
AU2003206327	A1	2003-09-09	AU2003206327				
CA2472963	A1	2003-08-28	CA2472963				
WO03/70141	A1	2003-08-28	WO200370141				
SE0200473	D0	2002-02-19	SE200200473				

Abstract

(EP1476113)

The invention relates to absorbent pants (101; 301), with a longitudinal direction and a transverse direction at right angles to the longitudinal direction and comprising an absorption core (129; 329) arranged between a liquid-tight cover sheet (128; 328) and a liquid-permeable cover sheet (130; 330). The diaper pants (101; 301) have a front portion (121; 321), a rear portion (122; 322) and an intermediate crotch portion (123; 323), and a front edge and a rear edge extending substantially in the transverse direction and forming a waist opening (107; 307), two side edges extending substantially in the longitudinal direction and forming two leg openings (105, 106; 305, 306). An elastic sheet material is arranged at least along the waist opening (107; 307) of the diaper pants (101; 301) and extends the whole way from the waist opening (107; 307) to the leg openings (105, 106; 305, 306), the elastic sheet material being secured to the absorption core (129, 329) in a substantially unstretched state.

Inventors

HERMANSSON KENT

LINNAR CATARINA

NORRBY NICLAS

Latest standardized assignees - inventors removed

SCA HYGIENE PRODUCTS

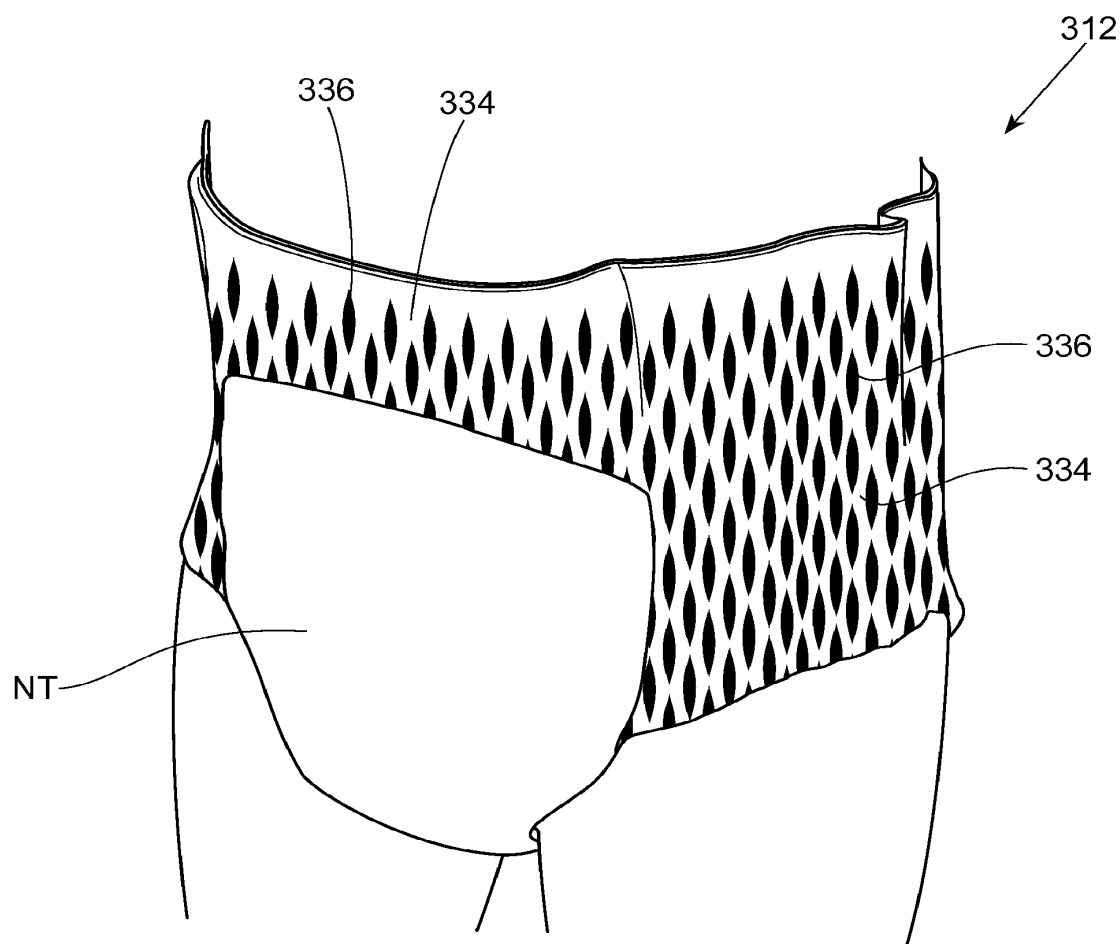
Family 81/100 - FAMPAT - ©Questel

Title

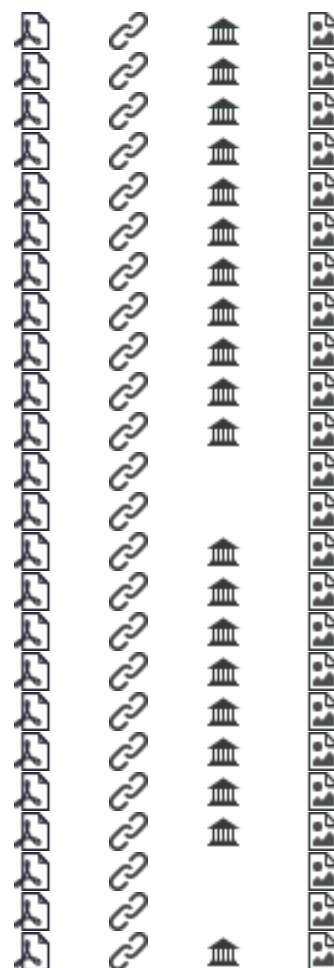
(EP2849697)

Absorbent articles having a belt portion with a texture zone having a texture ratio

Images


Publication numbers with kind code & date

JP6469625	B2	2019-02-13	JP6469625
JP2018134435	A	2018-08-30	JP2018134435
JP6352351	B2	2018-07-04	JP6352351
JP6334619	B2	2018-05-30	JP6334619
BR112014028331	A2	2018-05-29	BR112014028331
BR112014028331	A1	2018-04-10	BR112014028331
US20180092785	A1	2018-04-05	US20180092785
US9867740	B2	2018-01-16	US9867740
CA2873223	C	2018-01-02	CA2873223
CA2873408	C	2018-01-02	CA2873408
CN104540487	B	2017-10-20	CN104540487B
RU2632290	C2	2017-10-03	RU2632290
RU2630892	C2	2017-09-13	RU2630892
CN106974767	A	2017-07-25	CN106974767
BR112014028360	A2	2017-06-27	BR112014028360
JP2017051628	A	2017-03-16	JP2017051628
CN104302261	B	2017-03-15	CN104302261B
BR112014028360	A1	2017-02-21	BR112014028360
JP2017018608	A	2017-01-26	JP2017018608
JP2017000789	A	2017-01-05	JP2017000789
CN106236389	A	2016-12-21	CN106236389
MX344063	B	2016-12-02	MX-344063
MX344067	B	2016-12-02	MX-344067
CN106137551	A	2016-11-23	CN106137551



CN104284645	B	2016-10-19	CN104284645B				
CN104284644	B	2016-09-07	CN104284644B				
JP5992608	B2	2016-08-26	JP5992608				
JP5992609	B2	2016-08-26	JP5992609				
US20160235599	A1	2016-08-18	US20160235599				
US20160220425	A1	2016-08-04	US20160220425				
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US9375361	B2	2016-06-28	US9375361				
RU2014141121	A	2016-05-10	RU2014141121				
US9333119	B2	2016-05-10	US9333119				
US9326899	B2	2016-05-03	US9326899				
RU2014141120	A	2016-04-27	RU2014141120				
JP2015519950	A	2015-07-16	JP2015519950				
JP2015516269	A	2015-06-11	JP2015516269				
JP2015516270	A	2015-06-11	JP2015516270				
JP2015516274	A	2015-06-11	JP2015516274				
IN9010DEN2014	A	2015-05-22	IN2014DN09010				
IN9011DEN2014	A	2015-05-22	IN2014DN09011				
IN9012DEN2014	A	2015-05-22	IN2014DN09012				
CL2014003100	A1	2015-05-08	CL201403100				
CN104540487	A	2015-04-22	CN104540487				
EP2849697	A1	2015-03-25	EP2849697				
EP2849698	A1	2015-03-25	EP2849698				
EP2849699	A1	2015-03-25	EP2849699				
EP2849705	A1	2015-03-25	EP2849705				
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CN104302261	A	2015-01-21	CN104302261				
CN104284644	A	2015-01-14	CN104284644				
CN104284645	A	2015-01-14	CN104284645				
US20130324956	A1	2013-12-05	US20130324956				
CA2873223	A1	2013-11-21	CA2873223				
CA2873408	A1	2013-11-21	CA2873408				
US20130306226	A1	2013-11-21	US20130306226				
US20130310796	A1	2013-11-21	US20130310796				
US20130310797	A1	2013-11-21	US20130310797				
WO2013/173289	A1	2013-11-21	WO2013173289				
WO2013/173291	A1	2013-11-21	WO2013173291				
WO2013/173293	A1	2013-11-21	WO2013173293				
WO2013/173310	A1	2013-11-21	WO2013173310				

Abstract

(EP2849697)

The present disclosure is directed, in part, to an absorbent article comprising a chassis comprising a topsheet, a backsheet, and a core disposed at least partially intermediate the topsheet and the backsheet. The absorbent article comprises a belt portion extending from the chassis. The belt portion comprises a first substrate, a second substrate joined to the first substrate, and a plurality of elongate elastic elements disposed at least partially intermediate the first substrate and the second substrate. The belt portion comprises a texture zone having a texture ratio of greater than about 5.

Inventors

WADE SARAH MARIE

IBRAHIM FARIHAH

ZINK RONALD JOSEPH II

LAVON GARY DEAN

GLAHN TINA MARIE

ISHIHARA KAORU

Latest standardized assignees - inventors removed

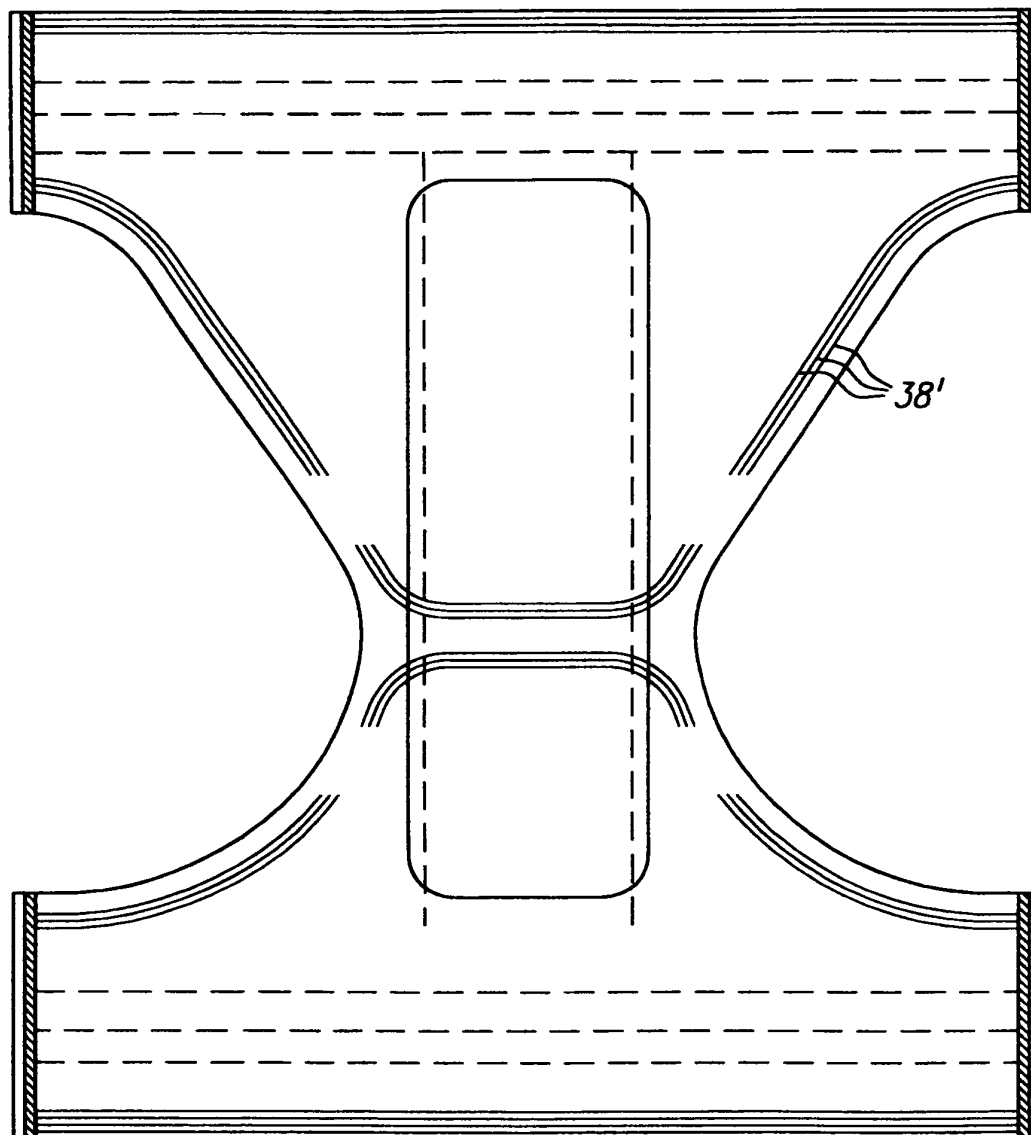
PROCTER & GAMBLE

Family 82/100 - FAMPAT - ©Questel

Title

(EP1761224)

Pant-type disposable absorbent hygiene article

Images**Publication numbers with kind code & date**

PL2027843	T3	2012-08-31	PL2027843
EP1834617	B1	2012-08-22	EP1834617
DK2027843	T3	2012-05-29	DK2027843T
AT551041	T	2012-04-15	ATE551041
EP2027843	B1	2012-03-28	EP2027843
US8083724	B2	2011-12-27	US8083724
EP2027843	A3	2010-12-01	EP2027843



US20100022983	A1	2010-01-28	US20100022983				
US20090204094	A1	2009-08-13	US20090204094				
EP2027843	A2	2009-02-25	EP2027843				
EP1834617	A3	2008-12-03	EP1834617				
PL1761224	T3	2008-03-31	PL1761224				
US20080071241	A1	2008-03-20	US20080071241				
DK1761224	T3	2008-03-10	DK1761224T				
DE502005001911	D1	2007-12-20	DE502005001911				
AT377406	T	2007-11-15	ATE377406				
EP1761224	B1	2007-11-07	EP1761224				
EP1834617	A2	2007-09-19	EP1834617				
DE202004021287	U1	2007-06-06	DE202004021287				
EP1761224	A1	2007-03-14	EP1761224				
DE102004032377	A1	2006-01-26	DE102004032377				
WO2006/000303	A1	2006-01-05	WO200600303				

Abstract

(EP1761224)

The invention relates to a pant-type disposable absorbent hygiene article (2), comprising a waist edge (20), sealed all around the periphery thereof, forming a waist opening and leg openings (8), whereby longitudinal side edge sections (16, 18) of a front piece (6) and a back piece (4) are joined together by the manufacturer to form the waist edge (20), sealed all around the periphery thereof and the leg openings (8), as well as an absorbent body (22) and elasticising means (38) at least in the region of the leg openings (8). The aim of the invention is to improve the wearing comfort. Said aim is achieved, whereby, before the longitudinal side edge sections (16, 18) are joined together by the manufacturer, said hygiene article, when laid flat, is provided with a first elasticised periphery section (44), a second non-elasticised periphery section (46), a third elasticised periphery section (48) and a fourth non-elasticised periphery section (49), starting from a longitudinal side edge (12, 14) of the front piece (6) or back piece (4) of the article, towards a crotch center line (42), along a periphery (40) of a corresponding leg opening (8).

Inventors

BITTNER MANUELA

JOVANOVA SASCHA

HORNUNG FRIDMANN

Latest standardized assignees - inventors removed

PAUL HARTMANN

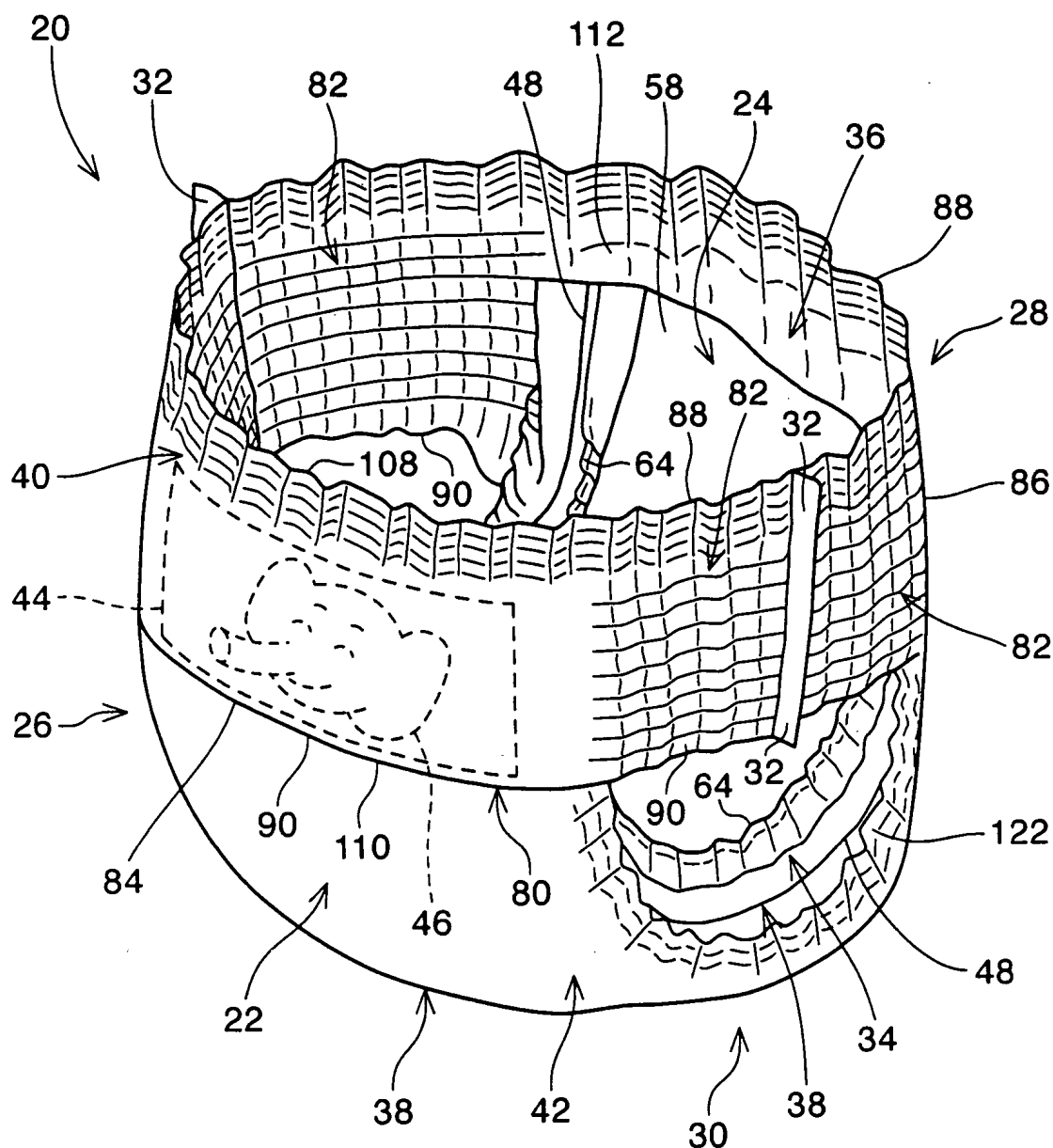
Family 83/100 - FAMPAT - ©Questel

Title

(EP1686939)

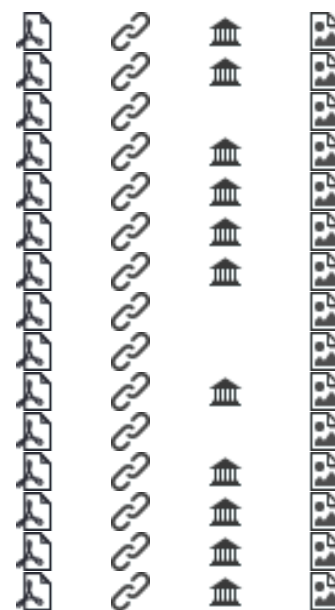
Disposable pull-on garment

Images



Publication numbers with kind code & date

JP4494412	B2	2010-04-16	JP4494412
CN100482190	C	2009-04-29	CN100482190C
ZA200603979	B	2008-03-26	ZA200603979
IN2688/DELNP/2006	A	2007-08-10	IN2006DN02688
JP2007509725	A	2007-04-19	JP2007509725
BRPI0416631	A	2007-01-16	BR200416631
CN1878522	A	2006-12-13	CN1878522
MXPA06005744	A	2006-08-17	MX2006PA005744
KR20060090732	A	2006-08-14	KR20060090732
EP1686939	A1	2006-08-09	EP1686939
AR046646	A1	2005-12-14	AR--46646
AU2004292432	A1	2005-06-09	AU2004292432
CA2546999	A1	2005-06-09	CA2546999
WO2005/051263	A1	2005-06-09	WO200551263
US20050107763	A1	2005-05-19	US20050107763



Abstract

(EP1686939)

A disposable pull-on garment comprising an absorbent main body and a ring-like elastic belt is disclosed. The pull-on garment has a waist opening and leg openings and extends in a longitudinal direction and a transverse direction. The pull-

on garment comprises an absorbent main body and a ring-like elastic belt. The absorbent main body comprises a liquid pervious topsheet, a liquid impervious backsheet and an absorbent core disposed therebetween. The absorbent main body has longitudinal side edges, transverse end edges, a front waist panel, a back waist panel and a crotch panel. The front waist panel and the back waist panel are not joined directly. The ring-like elastic belt is surrounded by a transverse waist border and a transverse abdomen border. The ring-like elastic belt has a central panel and side panels. The central panel is joined to the front waist panel and the back waist panel of the absorbent main body to form one waist opening and two leg openings. The ring-like elastic belt is not disposed in the crotch panel of the absorbent main body. The ring-like elastic belt comprises a front belt and a back belt. Each belt comprises a belt layer and a belt elastic material joined to the belt layer. The belt elastic material comprises a waist elastic material disposed adjacent the transverse waist border and a side elastic material disposed on the side panel. The waist elastic material of the back belt comprises a waist border elastic material and a waist anchoring elastic material extending between the waist border elastic material and the side elastic material. The waist anchoring elastic material generates a greater stress against an applied extension force than the side elastic material of the back belt.

Inventors

MATSUDA TOSHIYUKI

FUJIMOTO KENJI

NAKAHATA HIROSHI

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 84/100 - FAMPAT - ©Questel

Title

(EP-886509)

Disposable pull-on pant

Images

IL125740	A	1999-04-11	IL-125740				
CZ264198	A3	1999-03-17	CZ9802641				
EP0886509	A2	1998-12-30	EP-886509				
TR199801638	T2	1998-12-21	TR199801638				
PE59298	A1	1998-11-28	PE9800592				
NO983836	L	1998-10-20	NO-983836				
NO983836	D0	1998-08-20	NO9803836				
US5685874	A	1997-11-11	US5685874				
WO97/30671	A3	1997-10-02	WO9730671				
AU2129497	A	1997-09-10	AU9721294				
CA2247027	A1	1997-08-28	CA2247027				
WO97/30671	A2	1997-08-28	WO9730671				
ZA9701481	B	1997-08-28	ZA9701481				
ID15981	A	1997-08-21	ID--15981				

Abstract

(EP0886509)

Pull-on garments provided with an intermittent lap seam joining the front region and the back region together at spaced apart locations to provide a breathable seam. In a preferred embodiment, the pull-on garment includes 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 intermittent lap seams joining the front region to the back region at spaced apart locations so as to form the leg openings and waist openings.

Inventors

BUELL KENNETH BARCLAY

CARLIN EDWARD PAUL

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

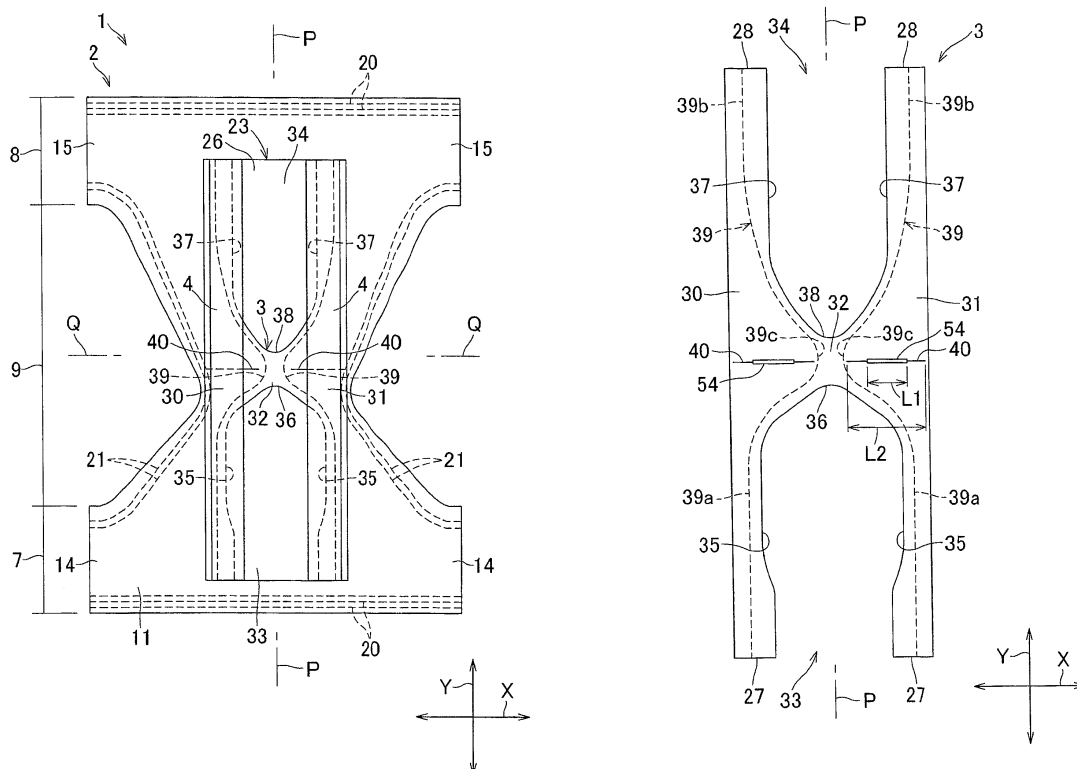
Family 85/100 - FAMPAT - ©Questel

Title

(EP2223672)

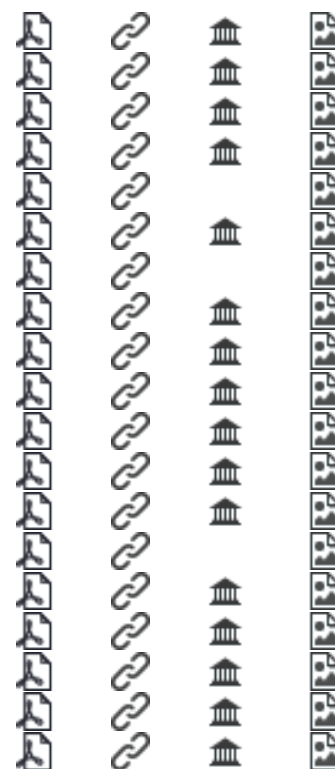
Absorbent article

Images



Publication numbers with kind code & date

CA2708881	C	2015-11-24	CA2708881
BRPI0819420	A2	2015-05-05	BR200819420
US8728050	B2	2014-05-20	US8728050
EP2223672	A4	2014-03-05	EP2223672
MY150222	A	2013-12-31	MY-150222
AU2008341846	B2	2013-12-19	AU2008341846
KR101330420	B1	2013-11-15	KR101330420
EA017778	B1	2013-03-29	EA--17778
CN101925338	B	2013-02-13	CN101925338B
JP5185607	B2	2013-01-25	JP5185607
US20110125121	A1	2011-05-26	US20110125121
EA201070675	A1	2011-02-28	EA201070675
CN101925338	A	2010-12-22	CN101925338
KR20100105657	A	2010-09-29	KR20100105657
EP2223672	A1	2010-09-01	EP2223672
JP2009148429	A	2009-07-09	JP2009148429
AU2008341846	A1	2009-07-02	AU2008341846
CA2708881	A1	2009-07-02	CA2708881
WO2009/081617	A1	2009-07-02	WO200981617



Abstract

(EP2223672)

The present invention aims to provide an absorbent article with a barrier sheet preventing body waste from coming in contact with a wearer's skin and thereby to alleviate skin trouble such as eczema the wearer might suffer from. The article includes an absorbent chassis 2, a barrier sheet 3 and a leak-barrier cuffs 4. An absorbent panel 23 is disposed on the inner surface of the chassis, the barrier sheet is disposed above the absorbent panel and the leak-barrier cuffs are disposed along a lateral side of the barrier sheet. The barrier sheet has lateral zones 30, 31 a middle zone 32 connecting the lateral zones, and front and rear through-holes 33, 34 defined by the lateral zones and the middle zone. Barrier sheet elastic members 39 are provided along the lateral zones. Folds 40 are formed so as to cross the middle zone in a

transverse direction.

Inventors

NITTA REIKO

NAKAJIMA KAIYO

MINATO HIRONAO

Latest standardized assignees - inventors removed

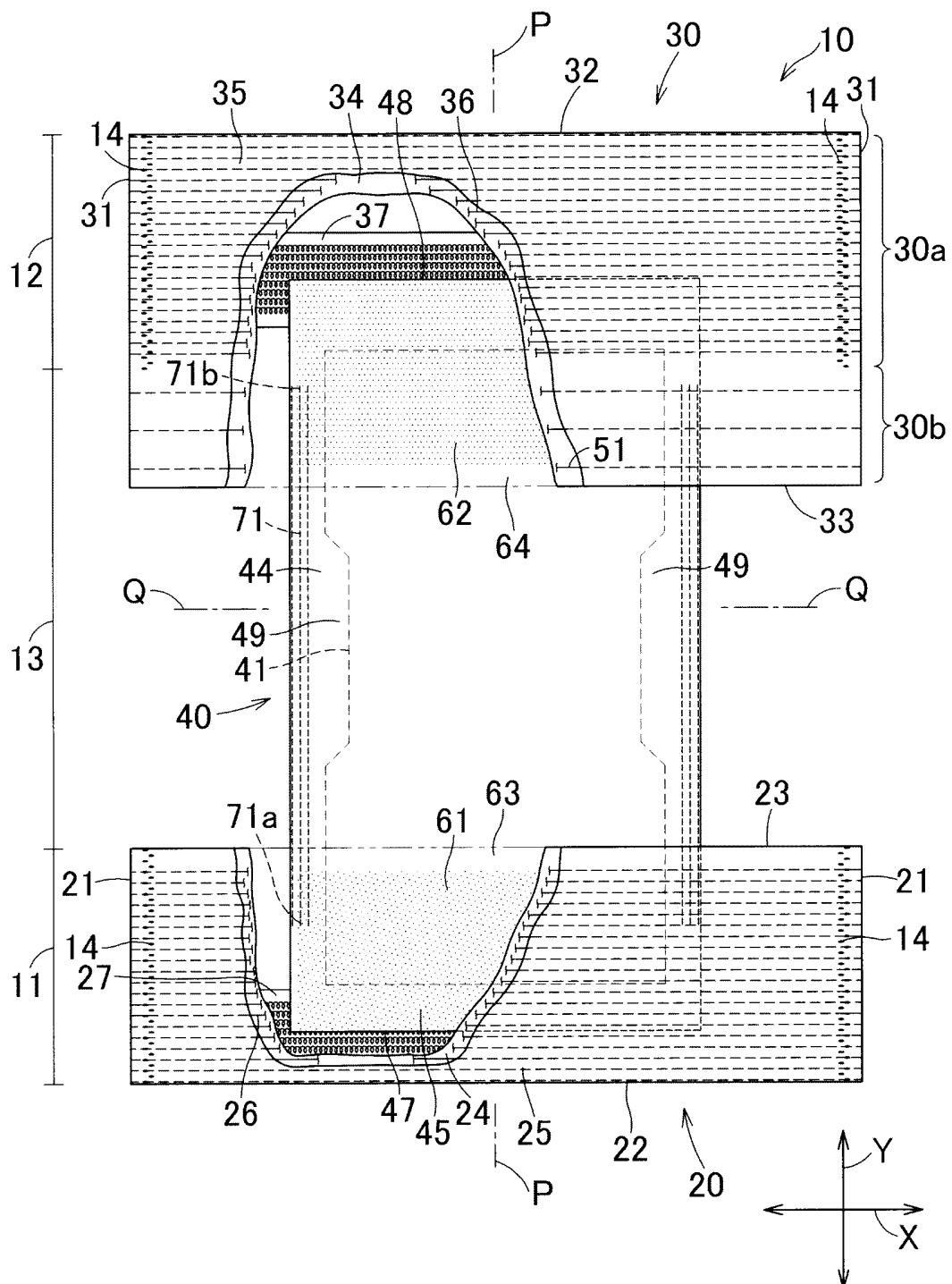
UNICHARM

Family 86/100 - FAMPAT - ©Questel

Title

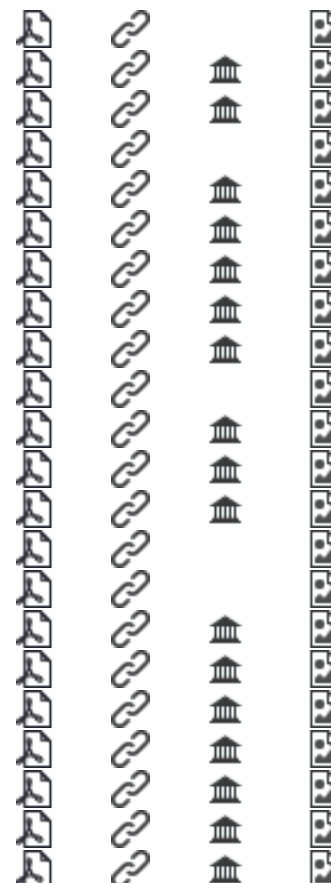
(EP2482777)

Wearing article

Images

Publication numbers with kind code & date

MY163752	A	2017-10-31	MY-163752
TWI572342	B	2017-03-01	TWI572342
EA023353	B1	2016-05-31	EA--23353
KR101580011	B1	2015-12-23	KR101580011
AU2010302117	B2	2015-12-10	AU2010302117
US9023006	B2	2015-05-05	US9023006
EP2482777	A4	2014-07-30	EP2482777
CN101773432	B	2013-12-11	CN101773432B
JP5385075	B2	2013-10-11	JP5385075
TH124419	A	2013-06-06	TH-124419
EA201290100	A1	2012-11-30	EA20002012901
BR112012007033	A1	2012-11-06	BR112012007033
IN0659/MUMNP/2012	A	2012-08-31	IN2012MN00659
VN30695	A	2012-08-27	VN--30695
KR20120092610	A	2012-08-21	KR20120092610
EP2482777	A1	2012-08-08	EP2482777
US20120191057	A1	2012-07-26	US20120191057
AU2010302117	A1	2012-05-03	AU2010302117
TW201117781	A	2011-06-01	TW201117781
JP2011072679	A	2011-04-14	JP2011072679
WO2011/039988	A1	2011-04-07	WO201139988
CN101773432	A	2010-07-14	CN101773432



Abstract

(EP2482777)

The present invention aims to provide a wearing article adapted to prevent unintentional displacement of a crotch region relative to front and rear waist regions by elastics attached to the crotch region. A diaper 10 includes front and rear waist members 20, 30, a crotch member 40 by the intermediary of which the front and rear waist members 20, 30 are connected with each other. The rear waist member 30 is formed with a waist fit section 30a and an appendix section 30b. Of the crotch member 40, front and rear ends including front and rear end flaps 45, 46 are bonded to the front and rear waist members 20, 30, respectively, to form front and rear bonded regions 61, 62. Both side flaps 49 are provided on respective inner surfaces thereof with gasket elastics 71 attached thereto. Each of the gasket elastic 71 overlaps at one end 71a with a part of the front waist elastic 26 and overlaps at the other end 71b with a part of the appendix section elastic 51. Furthermore, the one end 71a overlaps with the front bonded region 61 and the other end 71b overlaps with the rear bonded regions 62.

Inventors

TAKINO SHUNSUKE

MASAKI SHUNSUKE

Latest standardized assignees - inventors removed

UNICHARM

Family 87/100 - FAMPAT - ©Questel

Title

(WO201939981)

An array of disposable pant-type gender-specific absorbent articles

Images

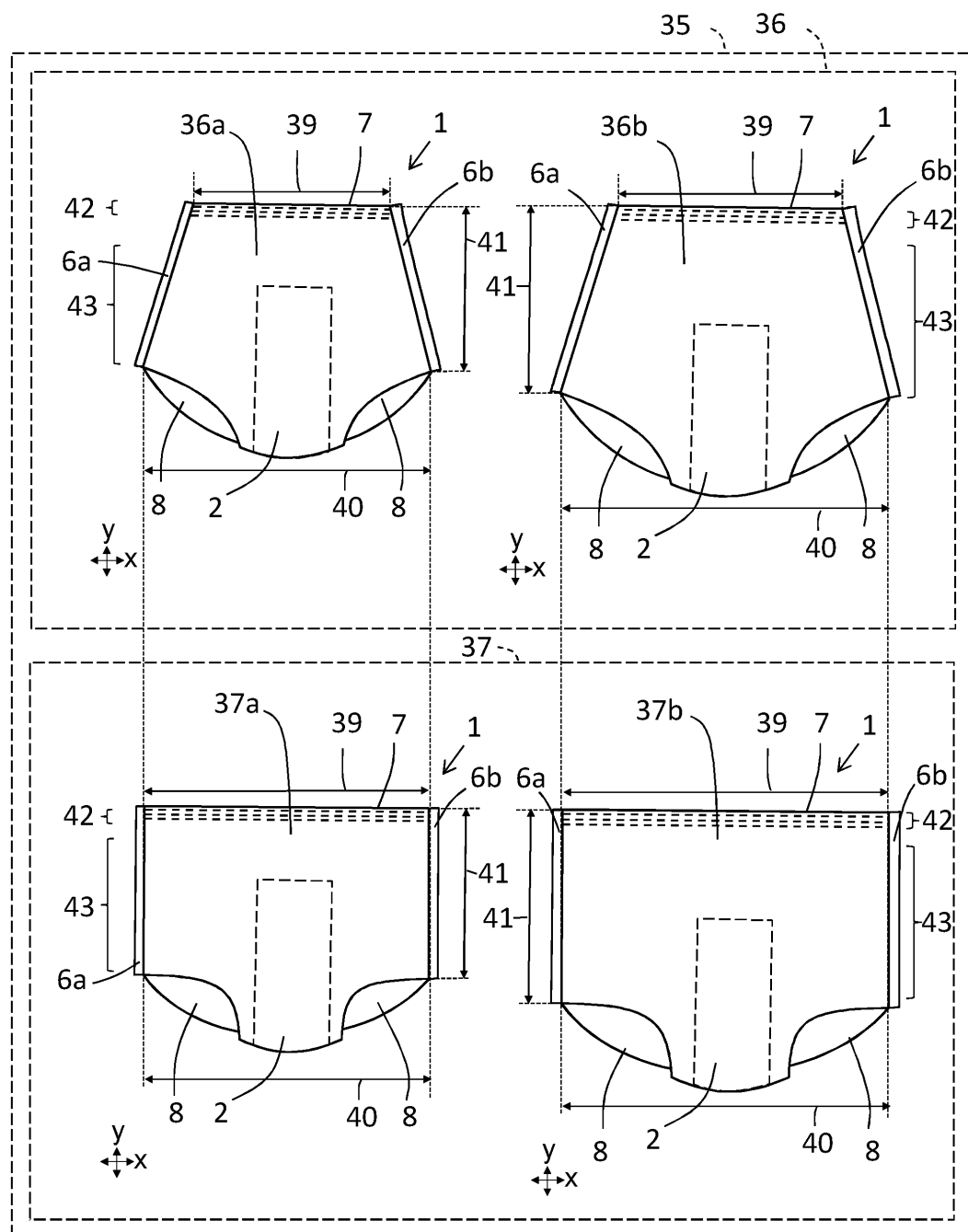


Fig. 3

Publication numbers with kind code & date

WO2019/039981

A1 2019-02-28

WO201939981

**Abstract**

(WO2019/039981)

The disclosure relates to an array (35) of disposable pant-type gender-specific absorbent articles (1) adapted for female and male users. The array (35) comprises a first subarray (36) of absorbent articles (1) including a first size absorbent article (36a) adapted for female users and a second size absorbent article (36b) adapted for female users, and a second subarray (37) of absorbent articles (1) including a third size absorbent article (37a) for male users and a fourth size absorbent article (37b) adapted for male users. Each absorbent article (1) of the array (35) has a longitudinal direction (Y) and a transverse direction (X). Each absorbent article (1) of the array (35) comprises a front panel (3) having a waist edge (21) and a pair of side edges (22a, 22b), a back panel (4) having a waist edge (26) and a pair of side edges (27a, 27b), and an absorbent insert (2) located mainly in a crotch portion of the absorbent article (1) and being connected to the front and back panels (3, 4) and having an absorbent core (5). The front and back panels (3, 4) are joined to each other at opposite

side edges (22a, 27a, 22b, 27b) by side seams (6a, 6b) forming a waist opening (7) and two leg openings (8), Each absorbent article (1) in the array (35) comprises a transversely elasticised waist portion (42) extending along the waist opening (7) and a transversely elasticised body portion (43) located adjacent to the waist portion (42). At least one of said first and second size absorbent articles (36a, 36b) has a first circumferential length of the waist portion (42) in a relaxed state and a second circumferential length of the waist portion (42) in an extended state, and at least one of said third and fourth size absorbent articles (37a, 37b) has a third circumferential length of the waist portion (42) in a relaxed state and a fourth circumferential length of the waist portion (42) in an extended state. Moreover, the first circumferential length is smaller than the third circumferential length, and the second circumferential length is essentially equal to the fourth circumferential length. The disclosure further relate to an array of packages (80) comprising the array (35) of disposable pant-type gender-specific absorbent articles (1).

Inventors

BÄCK LUCAS

LJUNGBERG KARIN

STENBERG ANNA

Latest standardized assignees - inventors removed

ESSITY HYGIENE & HEALTH

Family 88/100 - FAMPAT - ©Questel

Title

(EP-681820)

Disposable absorbent article

Images

[CA2148786](#)

A1

1995-11-11

CA2148786

**Abstract**

(EP0681820)

A disposable absorbent article (1) comprises a strip (10) of soft, stretchable and liquid-resistant sheet material bonded to a topsheet (2) of said article (1) on its upper surface along one (11) of transversely opposite sides of said strip (10). Then a portion of said strip (10) extending outward from said article (1) is folded along its transversely intermediate line (13) back onto a backsheet (3), and the other side (14) of said strip (10) opposed to said one side (11) bonded to said topsheet (2) is bonded to said backsheet (3). <IMAGE>

Inventors

MIZUTANI SATOSHI

Latest standardized assignees - inventors removed

UNICHARM

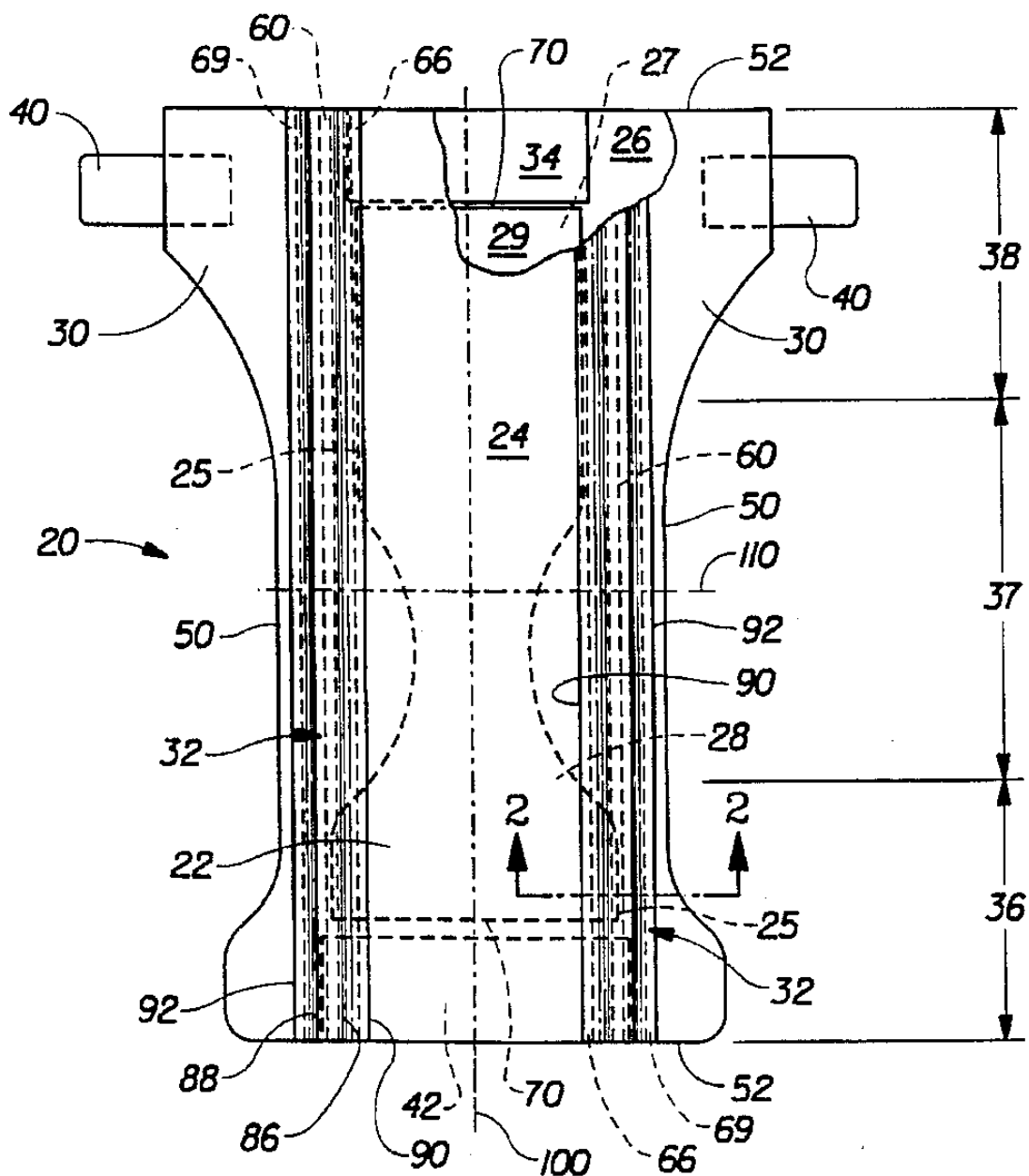
Family 89/100 - FAMPAT - ©Questel

Title

(EP-959844)

Diaper having an improved leg cuff

Images



Publication numbers with kind code & date

IN1079/DEL/1997	A	2016-08-31	IN1997DE01079
CA2253371	C	2003-02-11	CA2253371
KR100313040	B1	2002-01-17	KR100313040
TW409575	U	2000-10-21	TW-409575U
KR20000010752	A	2000-02-25	KR20000010752
EP0959844	A1	1999-12-01	EP-959844
AR006935	A1	1999-09-29	AR---6935
BR9709210	A	1999-08-10	BR9709210
JPH11508179	A	1999-07-21	JP11508179
CN1219860	A	1999-06-16	CN1219860
US5906603	A	1999-05-25	US5906603
PE78098	A1	1998-12-14	PE9800780
AU2992597	A	1997-11-26	AU9729925
ZA9703711	B	1997-11-25	ZA9703711
ID16870	A	1997-11-20	ID--16870
CA2253371	A1	1997-11-13	CA2253371
WO97/41817	A1	1997-11-13	WO9741817



US5624426

A

1997-04-29

US5624426

**Abstract**

(EP0959844)

The present invention provides a disposable absorbent article including a topsheet, a backsheet, and an absorbent core having a pair of opposed longitudinal edges. The absorbent article includes a leg cuff extending at least laterally outwardly from each opposed longitudinal edge. Each leg cuff has a proximal edge, a distal edge and an elasticized region disposed between the proximal edge and the distal edge. The elasticized region has an inner edge, an outer edge and a width. The proximal edge of each leg cuff extends generally longitudinally along and adjacent to at least a portion of one of the opposed longitudinal edges and the distal edge of each of said leg cuffs is disposed laterally outwardly from the proximal edge. Each leg cuff includes an inner bond disposed adjacent at least a portion of the proximal edge of each leg cuff. An outer bond is spaced laterally outwardly from the inner bond, the spacing between the inner bond and said outer bond defining a leg cuff base width. Each leg cuff also includes an inner wall that extends upwardly and laterally outwardly from the inner bond to the inner edge of the elasticized region having a first height, and an outer wall that extends upwardly and laterally inwardly from the outer bond to the outer edge of the elasticized region having a second height. An elastic element is disposed in the elasticized region of each leg cuff and is provided generally parallel to the wearer's skin.

Inventors

ROE DONALD CARROL

DREIER KIMBERLY ANN

Latest standardized assignees - inventors removed

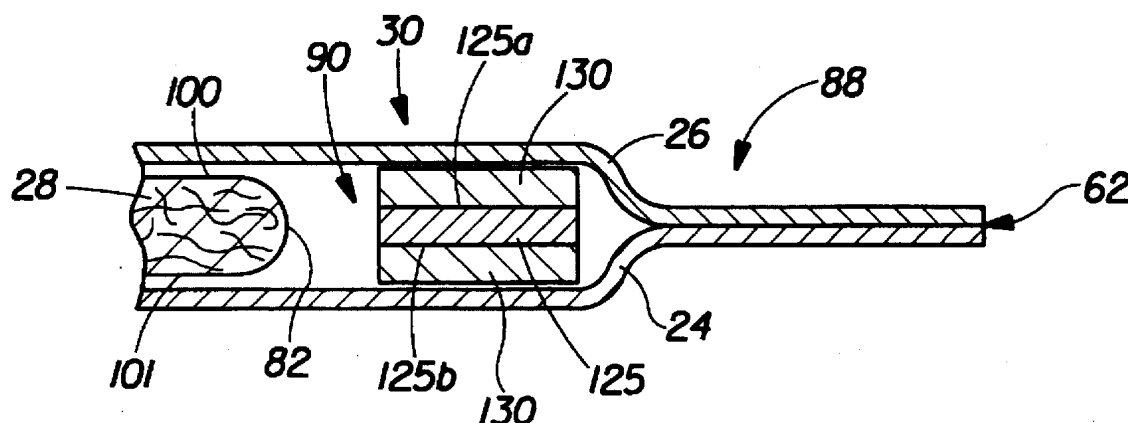
PROCTER & GAMBLE

Family 90/100 - FAMPAT - ©Questel

Title

(EP-715512)

Absorbent article having composite elasticized member

Images**Publication numbers with kind code & date**

JP3892034	B2	2006-12-15	JP3892034
KR100348582	B1	2003-10-08	KR100348582
HK1012910	A1	2000-06-23	HK1012910
TW385251	B	2000-03-21	TW-385251
CA2168207	C	2000-02-29	CA2168207
GR3029723	T3	1999-06-30	GR3029723
DE69415680	T2	1999-05-27	DE69415680
ES2125479	T3	1999-03-01	ES2125479
DE69415680	D1	1999-02-11	DE69415680
AT175099	T	1999-01-15	ATE175099
EP0715512	B1	1998-12-30	EP-715512



SG54286	A1	1998-11-16	SG--54286				
US5700255	A	1997-12-23	US5700255				
HUT76166	A	1997-07-28	HU-T76166				
JPH09501850	A	1997-02-25	JP09501850				
KR19960703556	A	1996-08-31	KR19967003556				
KR960703556	A	1996-08-31	KR19960703556				
CZ52796	A3	1996-08-14	CZ9600527				
EP0715512	A1	1996-06-12	EP-715512				
HU9600438	D0	1996-04-29	HU9600438				
NO960705	L	1996-04-25	NO-960705				
FI960852	A	1996-04-23	FI9600852				
BR9407465	A	1996-04-16	BR9407465				
FI960852	A0	1996-02-23	FI9600852				
NO960705	D0	1996-02-22	NO9600705				
PE35595	A1	1995-11-07	PE9500355				
WO95/05793	A3	1995-04-06	WO9505793				
ZA9406435	B	1995-03-31	ZA9406435				
AU7555294	A	1995-03-21	AU9475552				
CA2168207	A1	1995-03-02	CA2168207				
WO95/05793	A2	1995-03-02	WO9505793				
SG54286	G	1987-03-27	SG--54286				

Abstract

(EP0715512)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders, and the like, that have a unique composite member forming a portion of the elasticized side panel and the elasticized waistband. The composite member includes an elastomeric member and a three-dimensional, macroscopically expanded, formed-film member secured to at least one of the surfaces of the elastomeric member. The composite member provides the preferred bulk, elasticity, resiliency, and stiffness required to withstand the application, wear and removal stresses and provide the desired comfort during the typical wearing cycle of a disposable diaper.

Inventors

CURRO JOHN JOSEPH

WOLF SCOT G

KING WILLIE

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 91/100 - FAMPAT - ©Questel

Title

(EP2269549)

Absorptive article

Images

Inventors

MINATO HIRONAO

NITTA REIKO

Latest standardized assignees - inventors removed

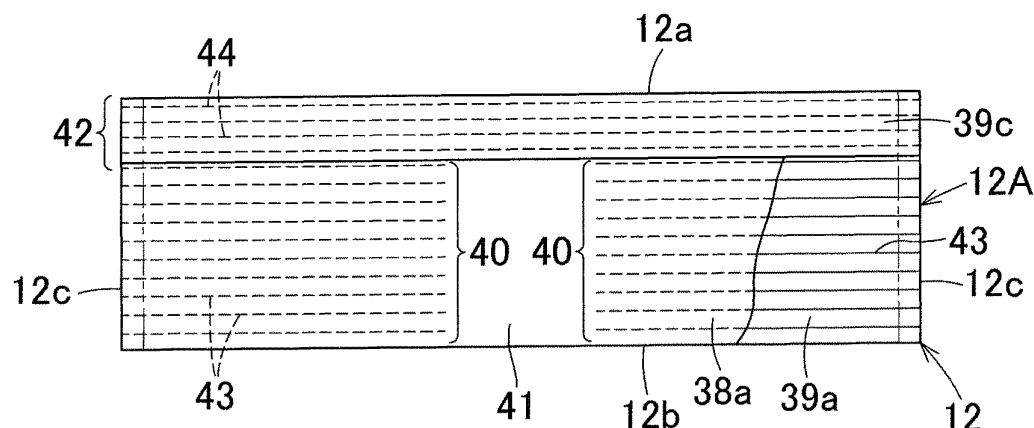
UNICHARM

Family 92/100 - FAMPAT - ©Questel

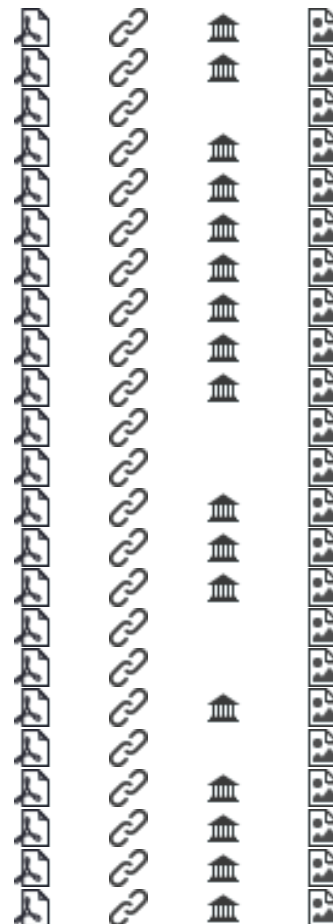
Title

(EP2260812)

Disposable absorbing wearing article

Images**Publication numbers with kind code & date**

BRPI0906298	B1	2019-08-20	BR200906298
BRPI0906298	A2	2018-10-30	BR200906298
TH55824	B	2017-07-06	TH--55824B
TWI469770	B	2015-01-21	TWI469770
CN101795649	B	2014-08-13	CN101795649B
AU2009233164	B2	2013-11-14	AU2009233164
EP2260812	A4	2013-09-04	EP2260812
US8518010	B2	2013-08-27	US8518010
JP5328204	B2	2013-08-02	JP5328204
EA018056	B1	2013-05-30	EA--18056
UA98703	C2	2012-06-11	UA--98703
CO6382169	A2	2012-02-15	CO6382169
EA201071011	A1	2011-04-29	EA201071011
US20110071488	A1	2011-03-24	US20110071488
EP2260812	A1	2010-12-15	EP2260812
TH104972	A	2010-11-17	TH-104972
CL2009000455	A1	2010-08-27	CL200900455
CN101795649	A	2010-08-04	CN101795649
AR071080	A1	2010-05-26	AR--71080
TW200950755	A	2009-12-16	TW200950755
JP2009240640	A	2009-10-22	JP2009240640
AU2009233164	A1	2009-10-08	AU2009233164
WO2009/122802	A1	2009-10-08	WO2009122802

**Abstract**

(EP2260812)

A disposable absorbent wearing article comprises an absorbent chassis 11 and an annular elasticized waist panel 12 wherein an elastic waist panel 12 consists of a front waist panel 12A and a rear waist panel 12B. A rear waist panel 12B has a dimension in a longitudinal direction larger than that of a front waist panel 12A and comprises an elasticized region 45, an elasticized region 46 defining a waist band and an elasticized region 47 located aside toward a crotch region. Tensile stress of the elasticized region 47 as measured in a transverse direction is set to be lower than those of the elasticized regions 45, 46.

Inventors

KUWANO SEIICHI

ONO YOSHIO

SAITO KYOTA

Latest standardized assignees - inventors removed

UNICHARM

Family 93/100 - FAMPAT - ©Questel

Title

(EP-627905)

Absorbent article with elastic waist feature and enhanced absorbency

Images

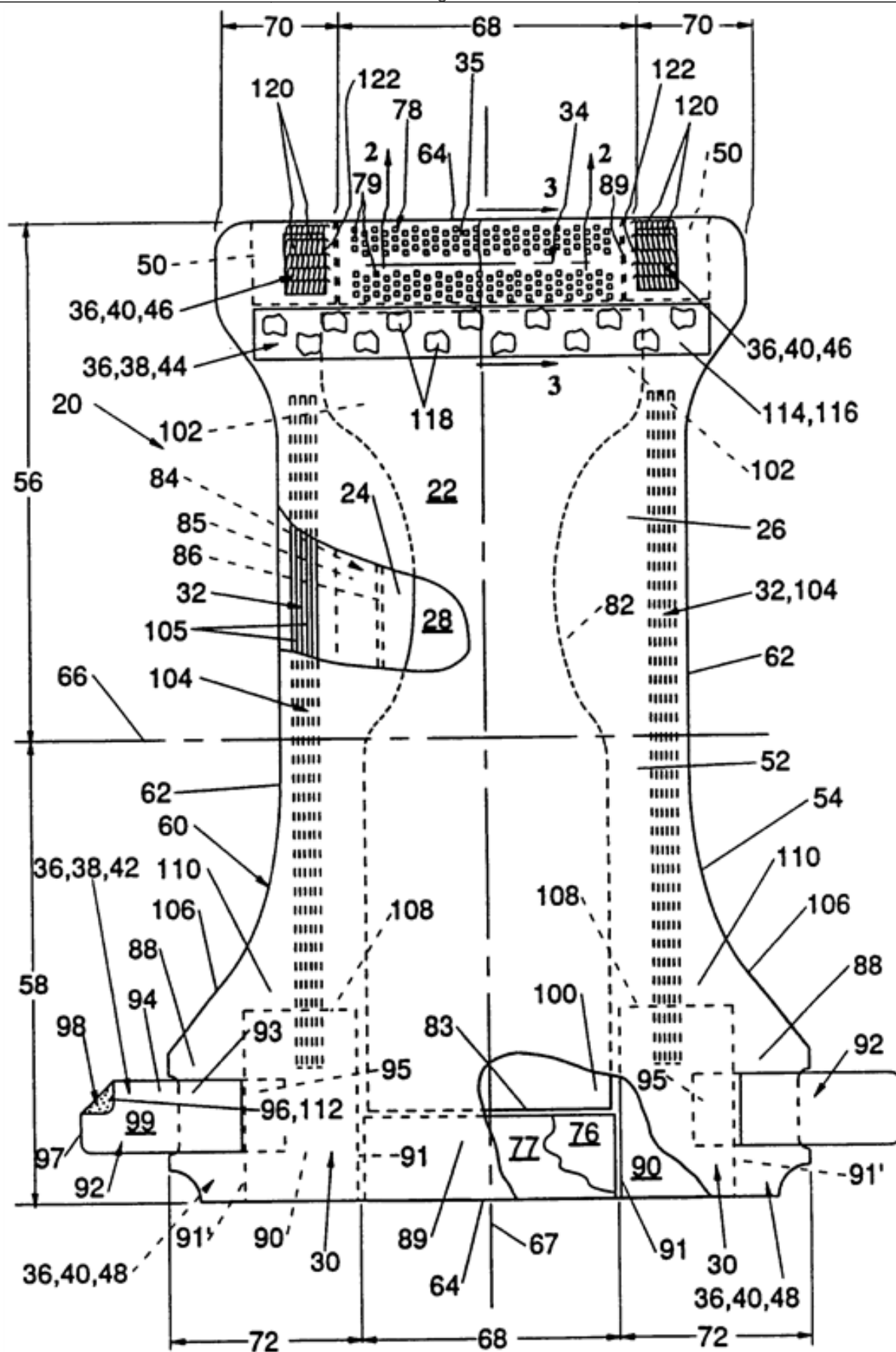


Fig. 1

Publication numbers with kind code & date

HU219470
 KR100253775
 CA2129650

B 2001-04-28
 B1 2000-04-15
 C 2000-03-28

HU-219470
 KR100253775
 CA2129650



EG20549	A	1999-07-31	EG--20549				
HK1006399	A1	1999-02-26	HK1006399				
CZ284210	B6	1998-09-16	CZ-284210				
BR9305990	A	1997-11-18	BR9305990				
AU678550	B2	1997-06-05	AU-678550				
DK0627905	T3	1997-03-17	DK-627905T				
DE69305067	T2	1997-03-06	DE69305067				
GR3021834	T3	1997-02-28	GR3021834				
PH30224	A	1997-02-05	PH--30224				
ES2092288	T3	1996-11-16	ES2092288				
DE69305067	D1	1996-10-31	DE69305067				
AT143249	T	1996-10-15	ATE143249				
EP0627905	B1	1996-09-25	EP-627905				
NZ249402	A	1996-09-25	NZ-249402				
HUT69101	A	1995-08-28	HU-T69101				
JPH07504338	A	1995-05-18	JP07504338				
CZ206494	A3	1995-01-18	CZ9402064				
KR19957000042	A	1995-01-16	KR19957000042				
KR950700042	A	1995-01-16	KR19950700042				
EP0627905	A1	1994-12-14	EP-627905				
HU9402469	D0	1994-10-28	HU9402469				
NO943164	L	1994-10-27	NO-943164				
FI943932	A	1994-08-26	FI9403932				
FI943932	A0	1994-08-26	FI9403932				
NO943164	D0	1994-08-26	NO9403164				
CN1079891	A	1993-12-29	CN1079891				
AU3615993	A	1993-09-13	AU9336159				
WO93/16669	A1	1993-09-02	WO9316669				
MX9301082	A	1993-09-01	MX9301082				

Abstract

(EP0627905)

Absorbent articles such as disposable diapers, incontinent briefs, diaper holders and the like, that have improved dynamic fit and containment characteristics. The elasticized waistband (35) comprises a shaping panel zone (136); a waistline panel zone (138); and a predisposed, resilient, waistband flexural hinge zone (140) joining the shaping panel zone and the waistline panel zone to provide a restoring force/moment that returns the panel zones to their preceeding in-use configuration, especially when the elasticized waistband has been pretensioned by a closure system. The closure system maintains lateral tension through the elasticized waistband thereby allowing the elasticized waistband to expand and contract with the motions of the wearer. The absorbent article additionally preferably comprises a pair of "zerostrain" elasticized side panels (30) disposed in waist region (58). The present invention also relates to an expansive "tummy" panel elasticized waistband (635). The absorbent core comprises an acquisition/distribution core (1302) of chemically stiffened fibers and a storage core (1304).

Inventors

ALEMANY MIGUEL

CLEAR SANDRA HINTZ

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

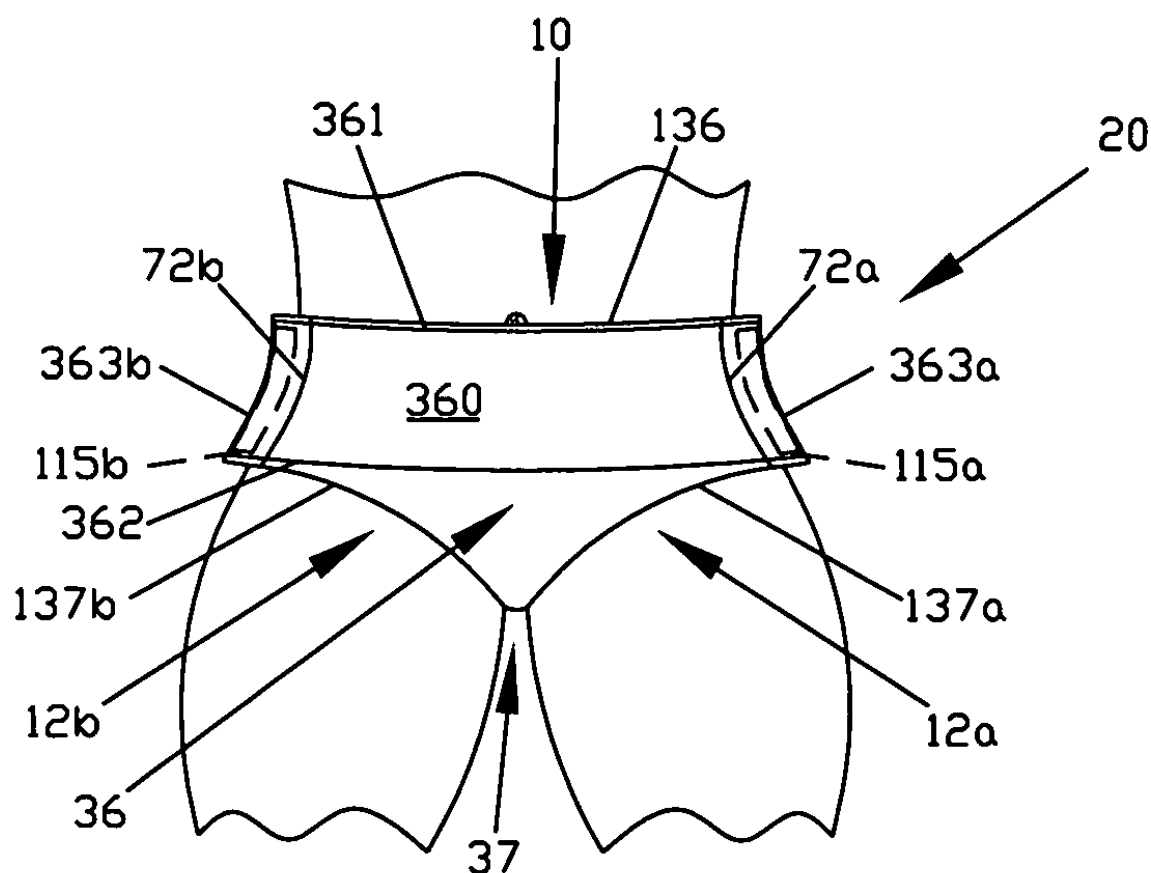
Family 94/100 - FAMPAT - ©Questel

Title

(EP2112917)

Diaper having abdominal stretch panels

Images



Publication numbers with kind code & date

BRPI0807002	A2	2018-09-25	BR200807002
US20170156942	A1	2017-06-08	US20170156942
MX337691	B	2016-03-14	MX-337691
US20150164707	A1	2015-06-18	US20150164707
CN101621976	B	2014-05-07	CN101621976B
RU2448669	C2	2012-04-27	RU2448669
RU2009127327	A	2011-03-27	RU2009127327
JP2010517658	A	2010-05-27	JP2010517658
ZA200905298	B	2010-05-26	ZA200905298
IN5040/DELNP/2009	A	2010-03-05	IN2009DN05040
CN101621976	A	2010-01-06	CN101621976
EP2112917	A2	2009-11-04	EP2112917
MX2009009001	A	2009-09-02	MX2009009001
AR065413	A1	2009-06-03	AR--65413
WO2008/102314	A3	2008-11-27	WO2008102314
CL2008000543	A1	2008-08-29	CL200800543
AU2008218557	A1	2008-08-28	AU2008218557
CA2679100	A1	2008-08-28	CA2679100
US20080208155	A1	2008-08-28	US20080208155
WO2008/102314	A2	2008-08-28	WO2008102314



Abstract

(EP2112917)

A disposable absorbent article including a chassis and an absorbent assembly in combination with abdominal stretch panels extending circumferentially around the waist of the wearer. The chassis includes a water-impermeable backsheet that may be folded laterally inward at both of its side edges to form opposing side flaps. Each side flap is attached to the interior surface of the chassis adjacent to its end edges. Each side flap has a longitudinally extending elastic gathering

member attached adjacent to its proximal edge. The chassis may include an extensible formed web material. The absorbent assembly may be attached in a cruciform pattern to the chassis to allow unattached portions of the chassis to extend laterally. Frangible tear lines and/or tear locator lines may be formed to facilitate removal of the article from the wearer.

Inventors

LAVON GARY DEAN

HENRICH THOMAS

SMITH KEVIN MICHAEL

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

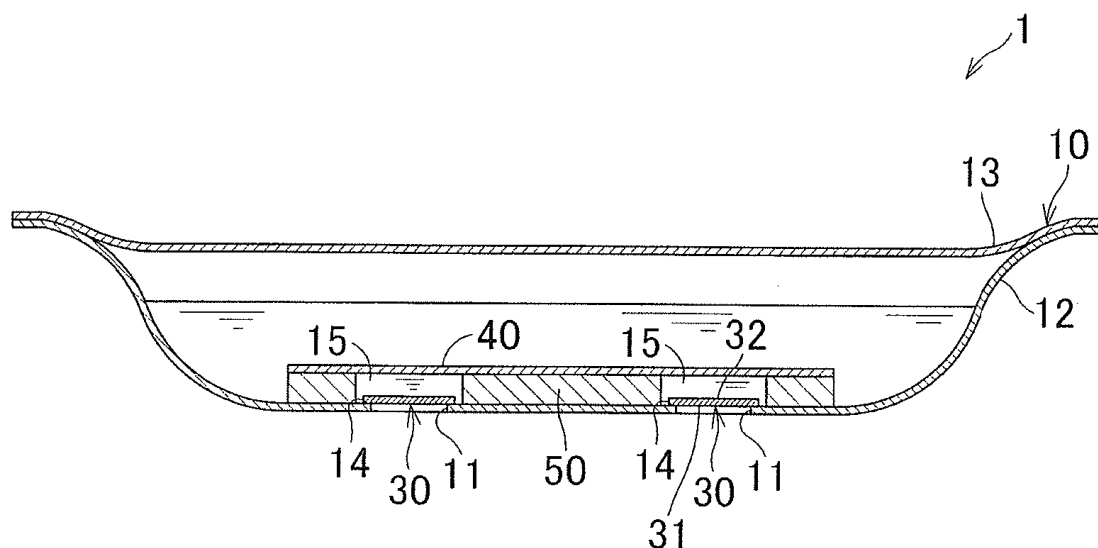
Family 95/100 - FAMPAT - ©Questel

Title

(EP2412340)

Bodily fluid treatment material and wearing article including same

Images



Publication numbers with kind code & date

JP5383414	B2	2013-10-11	JP5383414
EP2412340	A4	2012-12-19	EP2412340
CN102413796	A	2012-04-11	CN102413796
EP2412340	A1	2012-02-01	EP2412340
US20120022476	A1	2012-01-26	US20120022476
AR076154	A1	2011-05-18	AR--76154
TW201103509	A	2011-02-01	TW201103509
JP2010246889	A	2010-11-04	JP2010246889
WO2010/109991	A1	2010-09-30	WO2010109991



Abstract

(EP2412340)

The present invention aims to provide a bodily fluid trapping unit assuring that bodily fluid can be guided into a receptacle without anxiety of flowing back and a wearing article including such bodily fluid trapping unit. A receptacle 10 of a bodily fluid trapping unit 1 is defined by first and second sheets 12, 13 bonded together along respective peripheral edges thereof so as to form a bag. The first sheet 12 is formed with openings 11 extending therethrough in its thickness direction. Backflow preventing means 20 includes a flat valve disc 30 provided on the side of the first sheet 12 facing the receptacle 10, a sheet-like support base 40 serving to prevent the valve disc 30 from falling into the receptacle 10 and a spacer 50 interposed between the first sheet 12 and the support base 40. A peripheral edge of the valve disc's upper surface 31 is

adapted to come in water-tight contact with the associated valve seat 14 formed on the side of the opening's peripheral edge facing the receptacle 10. Between the first sheet 12 and the support base 40, a space is defined by a spacer's opening 53 so that the valve disc 30 may be movably supported in the thickness direction of the spacer 50.

Inventors

MITSUI KOICHIRO

AOKI KATSUFUMI

DETANI KOU

Latest standardized assignees - inventors removed

UNICHARM

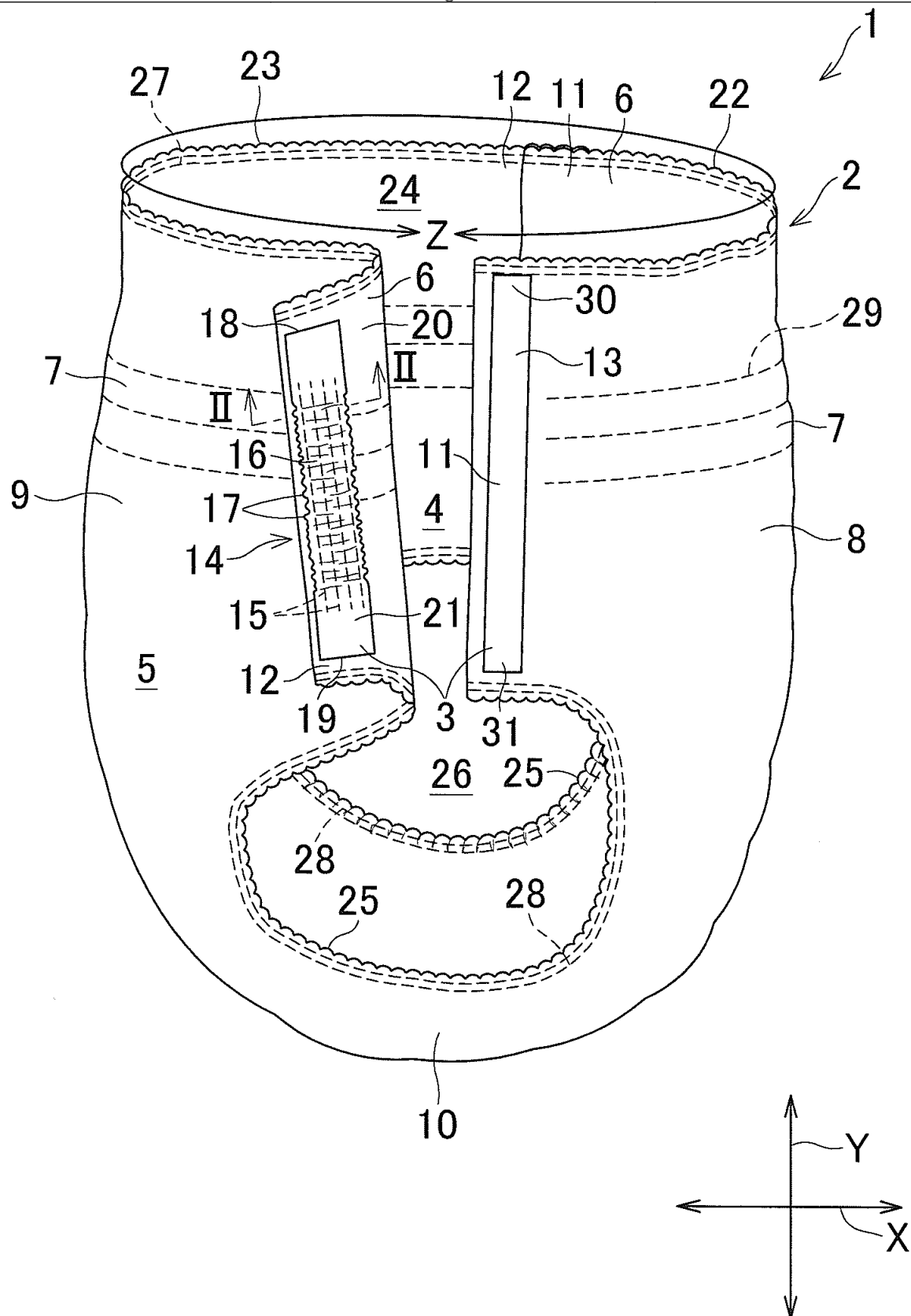
Family 96/100 - FAMPAT - ©Questel

Title

(EP2223671)

Wear article

Images


Publication numbers with kind code & date

EP2223671	A4	2013-12-25	EP2223671
AU2008315172	B2	2013-10-31	AU2008315172
US8545473	B2	2013-10-01	US8545473
CN101883548	B	2013-01-02	CN101883548B
EA017445	B1	2012-12-28	EA--17445
JP5074884	B2	2012-08-31	JP5074884
EA201070415	A1	2011-02-28	EA201070415
US20100312218	A1	2010-12-09	US20100312218



CN101883548	A	2010-11-10	CN101883548				
EP2223671	A1	2010-09-01	EP2223671				
KR20100074277	A	2010-07-01	KR20100074277				
JP2009101092	A	2009-05-14	JP2009101092				
AU2008315172	A1	2009-04-30	AU2008315172				
CA2703791	A1	2009-04-30	CA2703791				
WO2009/054178	A1	2009-04-30	WO200954178				

Abstract

(EP2223671)

The present invention aims to provide a wearing article improved so that front and rear waist regions can be easily and normally engaged with each other. A front waist region 8 is provided along a pair of opposite side edges 11 with first fastening members 13, and a rear waist region 9 is provided along a pair of opposite side edges 12 with second fastening members 14 adapted to be engaged with the associated first fastening members 13. Each of the second fastening members 14 is formed with an uneven structure having a plurality of crests 17 extending in a transverse direction X and spaced one from another in a longitudinal direction Y. Even when the uneven structure formed by the uneven region 16 as the latter 16 contracts comes in contact and engagement with the first fastening member 13, a degree of engaging force between the uneven structure and the first fastening member 13 is extremely weak and the uneven structure can be easily disengaged from the first fastening member 13. The uneven structure may be unfolded in the longitudinal direction Y and put in close contact with the first fastening member 13 to achieve firm engagement over an area as large as possible between the flattened uneven structure and the first fastening member 13.

Inventors

ICHIKAWA MAKOTO

OHASHI NAOTO

Latest standardized assignees - inventors removed

UNICHARM

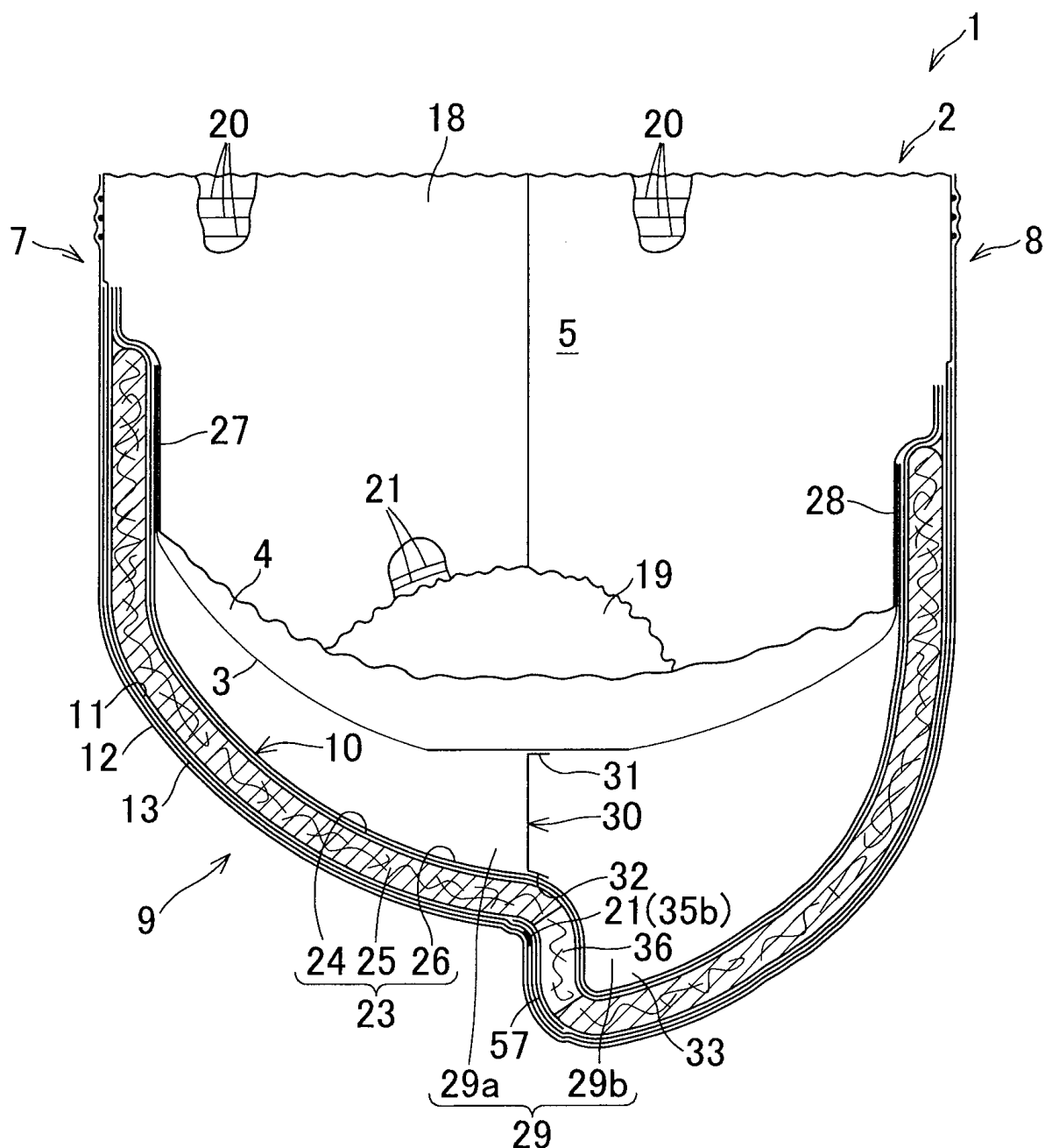
Family 97/100 - FAMPAT - ©Questel

Title

(EP2258326)

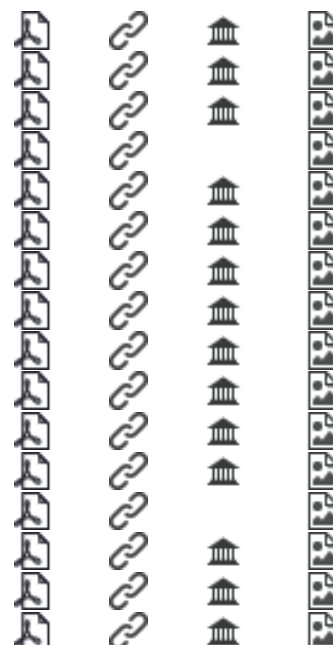
Absorbent article

Images



Publication numbers with kind code & date

CA2717334	C	2015-11-24	CA2717334
BRPI0821175	A2	2015-09-15	BR200821175
TWI478702	B	2015-04-01	TWI478702
MY153869	A	2015-03-31	MY-153869
AU2008352427	B2	2014-06-05	AU2008352427
CN102014821	B	2013-08-14	CN102014821B
US8377025	B2	2013-02-19	US8377025
JP5185665	B2	2013-01-25	JP5185665
EP2258326	A4	2012-12-19	EP2258326
IN3232/KOLNP/2010	A	2011-11-25	IN2010KN03232
CN102014821	A	2011-04-13	CN102014821
US20110060307	A1	2011-03-10	US20110060307
KR20100135809	A	2010-12-27	KR20100135809
EP2258326	A1	2010-12-08	EP2258326
TW201012441	A	2010-04-01	TW201012441
JP2009219627	A	2009-10-01	JP2009219627



[AU2008352427](#)

A1

2009-09-17

AU2008352427

[CA2717334](#)

A1

2009-09-17

CA2717334

[WO2009/113219](#)

A1

2009-09-17

WO2009113219

**Abstract**

(EP2258326)

The present invention aims to provide an absorbent article adapted to define between a separator sheet and a liquid-absorbent structure a void space serving to retain feces and, in addition, to maintain an initial volume of this void space. An absorbent article includes a separator sheet (3) having opposite lateral zones extending in a longitudinal direction (Y), a middle zone (39) via which the opposite lateral zones are contiguous to each other, a front through-hole (40) formed on the side of a front waist region (7), a rear through-hole (41) formed on the side of rear waist region (8) wherein the front and rear through-holes (40, 41) are bordered by the middle zone (39), and a separator sheet biasing elastic members attached under tension to the respective lateral zones. A void space is formed between the separator sheet (3) and a liquid-absorbent structure (23) as the liquid-absorbent structure (23) bows about a crotch region (9) toward front and rear waist regions (7, 8). A chassis (2) includes a front leg elastic member (34) laid on the side of the front waist region (7) and a rear leg elastic member (35) laid on the side of the rear waist region (8) wherein at least the rear leg elastic member (35) includes a rear transverse segment (35b) extending across the crotch region (9) and a position of the rear transverse segment (35b) corresponds to a position of the middle zone (39) of the separator sheet (3).

Inventors

NAKAJIMA KAIYO

MINATO HIRONAO

Latest standardized assignees - inventors removed

UNICHARM

Family 98/100 - FAMPAT - ©Questel

Title

(EP3233006)

Absorbent article

Images

Abstract

(EP3233006)

The present invention relates to a pant type disposable absorbent product comprising a front body panel (1), a back body panel (2), and an absorbent member (3) being attached to and bridging said front body panel and said back body panel. Said front body panel (1) comprises a crotch edge (8) and said back body panel comprises a crotch edge (15). The absorbent member (3) comprises an intermediate crotch portion (24) extending from the crotch edge of the front body panel to the crotch edge of the back body panel, said absorbent member comprising leg elastics (25) on each side of the intermediate crotch portion (24), and side leakage barriers (26) on each side of the absorbent member inward of the leg elastics (25); wherein the elastics (27) of the side leakage barriers (26) have a first retraction force F1, and the leg elastics (25) on the intermediate crotch portion (24) have a second retraction force F2, the second retraction force being greater than the first retraction force.

Inventors

BÄCK LUCAS

Latest standardized assignees - inventors removed

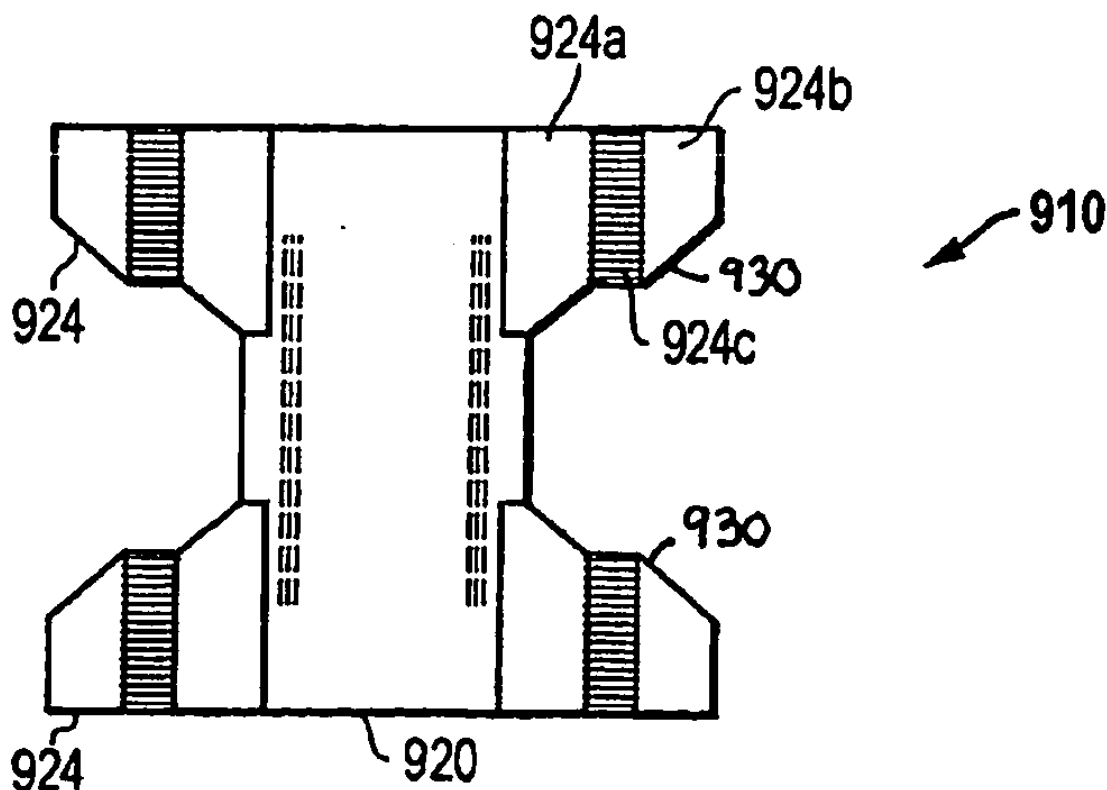
ESSITY HYGIENE & HEALTH AKTIEBOLAG

Family 99/100 - FAMPAT - ©Questel

Title

(WO200802840)

Shaped side panel for disposable absorbent article

Images**Publication numbers with kind code & date**

CN101505701	B	2016-01-27	CN101505701B
CN101505701	A	2009-08-12	CN101505701
MX2008016404	A	2009-02-05	MX2008016404
WO2008/002840	A3	2008-10-09	WO200802840
AR061638	A1	2008-09-10	AR--61638
CA2655822	A1	2008-01-03	CA2655822
WO2008/002840	A2	2008-01-03	WO200802840



US20070016155

A1

2007-01-18

US20070016155

**Abstract**

(WO2008/002840)

A disposable absorbent article defining an absorbent chassis adapted to wrap around portions of a torso and a pair of shaped side panels adapted to secure the absorbent chassis about the torso during use. The side panels include at least a pair of substantially inextensible zones and a zone of substantial elasticity providing partial extensibility to the side panels. The side panels may be secured to the chassis at one of the inextensible zones and be provided with a fastener component at another inextensible zone. At least portions of opposed edges of the side panels are shaped into a nonparallel configuration to improve fit, comfort and exudate control of the absorbent article.

Inventors

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Latest standardized assignees - inventors removed

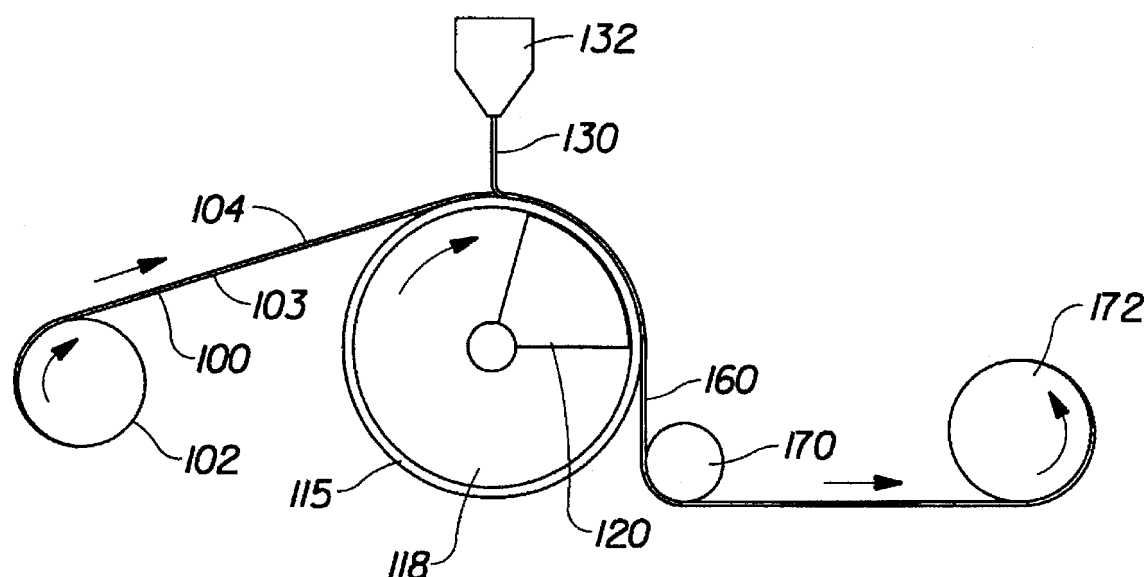
DSG TECHNOLOGY HOLDINGS

Family 100/100 - FAMPAT - ©Questel

Title

(EP-901360)

Method for forming a composite elastic material

Images**Publication numbers with kind code & date**

JP3149191	B2	2001-03-26	JP3149191
KR100279176	B1	2001-03-02	KR100279176
JPH11509796	A	1999-08-31	JP11509796
EP0901360	A1	1999-03-17	EP-901360
AU2742697	A	1997-11-19	AU9727426
CA2252960	A1	1997-11-06	CA2252960
WO97/40794	A1	1997-11-06	WO9740794
US5628856	A	1997-05-13	US5628856

**Abstract**

(EP0901360)

A method for forming a composite elastic material. An elastic member having at least one elastic strand is fed onto a

rotating forming structure exhibiting a multiplicity of apertures therein. The elastic member has a surface facing the forming structure and another surface facing away from the forming structure. A thermoplastic film is extruded onto the surface of the elastic member facing away from the forming structure. A pneumatic vacuum is applied to the thermoplastic film and the elastic member so that the thermoplastic film is simultaneously apertured and bonded to the elastic member thereby forming a breathable composite elastic material.

Inventors

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Latest standardized assignees - inventors removed

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