

Search history

Search PN=(WO2016018338) (Results 1)
1:

Search [SP]: 1. an article for maintaining menstrual fluid within the vagina comprising: a flexible substrate having a body facing surface and an opposed garment facing surface adhesive applied to the body facing surface of the substrate for selectively adhering the article to the body and wherein the substrate is structured and arranged to cover the vaginal opening and thereby maintain menstrual fluid within the vagina. 2. the article according to claim 1, wherein the substrate is structured and arranged to extend at least from one labium minus to an opposed labium minus. 3. the article according to claim 1, wherein the article has a total fluid capacity of less than 0.3 g. 4. the article according to claim 2, wherein the article has a total fluid capacity of less than 0.1 g. 5. the article according to claim 1, wherein the article has a thickness in the range of about 0.1 mm to about 5 mm. 6. the article according to claim 1, wherein the article has a length as measured along a longitudinally extending centerline of about 20 mm to about 150 mm. 7. the article according to claim 6, wherein the article has a width as measured along a transversely extending centerline of about 20 mm to about 100 mm. 8. the article according to claim 7, wherein the article has a total surface area in the range of about 400 mm² to about 15000 mm². 9. the article according to claim 1, wherein the adhesive has the following properties: g'[100 rad/sec @37 degrees centigrade]g'[0.1 rad/sec @37 degrees centigrade]?4.5 and -20 degrees centigrade ?tg (degrees centigrade)?15 degrees centigrade 10. the article according to claim 1, wherein a shear force required to remove the adhesive from skin is greater than a force required to deform the substrate. 11. the article according to claim 1, wherein the adhesive has a peel force of from about 100 to about 700 n/m. 12. the article according to claim 1, wherein the article has a fluid penetration time (fpt) of greater than 500 seconds. 13. an article for maintaining vaginal exudates within the vagina comprising: a flexible substrate having a body facing surface and an opposed garment facing surface adhesive applied to the body facing surface of the substrate for selectively adhering the article to the body and wherein the substrate is structured and arranged to cover the vaginal opening and thereby maintain vaginal exudates within the vagina. 14. a method of maintaining vaginal exudate in the human body comprising the steps of: applying an article to the body such that the article extends over the vaginal opening wherein the article comprises a flexible substrate having a body facing surface and an opposed garment facing surface, adhesive applied to the body facing surface of the substrate for selectively adhering the article to the body, and wherein the substrate is structured and arranged to cover the vaginal opening and thereby maintain menstrual fluid within the vagina. 15. the method according to claim 14, wherein the substrate is structured and arranged to extend at least from one labium minus to an opposed labium minus. 16. the method according to claim 14, wherein the article has a total fluid capacity of less than 0.3 g. 17. the method according to claim 16, wherein the article has a total fluid capacity of less than 0.1 g. 18. the method according to claim 14, wherein the article has a thickness in the range of about 0.1 mm to about 5 mm. 19. the method according to claim 14, wherein the article has a length as measured along a longitudinally extending centerline of about 20 mm to about 150 mm. 20. the method according to claim 19, wherein the article has a width as measured along a transversely extending centerline of about 20 mm to about 100 mm. 21. the article according to claim 20, wherein the article has a total surface area in the range of about 400 mm² to about 15000 mm². 22. the method according to claim 14, wherein the adhesive has the following properties: g'[100 rad/sec @ 37 degrees centigrade]g'[0.1 rad/sec @ 37 degrees centigrade]?4.5 and -20 degrees centigrade ?tg (degrees centigrade)?15 degrees centigrade 23. the method according to claim 14, further comprising the step of: applying at least one of said article to the body, per day, for each day of the user's menstrual period. 24. the method according to claim 14, further comprising the step of: removing the article from the body of the user, and applying a second one of said article to the body of the user. 25. the method according to claim 14, further comprising: removing the article from the body, and sequentially applying and removing at least one of said article to the body, per day, for each day of the user's menstrual period. 26. the method according to claim 14, wherein a shear force and peel force are required to remove the adhesive from skin such that the shear force is greater than a force required to deform the substrate and the force required to deform the substrate is greater than the peel force required to remove the adhesive from the skin. 27. a method of maintaining menstrual fluid in the human body comprising the steps of: applying an article to the body such that the article extends over the vaginal opening wherein the article comprises a flexible substrate having a body facing surface and an opposed garment facing surface, adhesive applied to the body facing surface of the substrate for selectively adhering the article to the body, and wherein the substrate is structured and arranged to cover the vaginal opening and thereby maintain vaginal exudates within the vagina. 28. an article for maintaining menstrual fluid within the vagina comprising: a flexible substrate having a body facing surface and an opposed garment facing surface adhesive selected from the group consisting of non-pressure sensitive adhesive substance, muco- or bioadhesive or mixtures thereof wherein the adhesive applied to the body facing surface of the substrate for selectively adhering the article to the body and wherein the article is sized, structured and arranged to fit in the region on the internal side of the labia but external the vagina to directly cover the introitus and thereby maintain the menstrual fluid within the vagina. 29. the article according to claim 28 wherein the adhesive is a non-pressure sensitive adhesive substance. 30. the article of claim 29 wherein the non-pressure sensitive adhesive substance is selected from the group consisting of waxes, fatty alcohols, high molecular weight alcohols, fatty acids, petroleum jelly, sealing ointments, non-ionic surfactants, alkoxylated amide, alkoxylated amines, alkyl amido alkyl amines, alkyl substituted amino acids, sucrose fatty acid esters and mixtures thereof. 31. the article according to claim 28 wherein the adhesive is a muco- or bioadhesive. 32. the article according to claim 31 wherein the muco- or bioadhesive selected from the group consisting of selected from the group consisting of natural, synthetic or biological polymers, lipids, phospholipids, silicone adhesive gels and mixtures thereof. 33. the article according to claim 32 wherein the muco- or bioadhesive is a natural and/or synthetic polymer selected from the group consisting of cellulosic derivatives, natural gums, polyacrylates, alginates, polyoxyethylenes, polyethylene glycols (peg), dextrans, block copolymers and mixtures thereof. 34. the article according to claim 32 wherein the muco- or bioadhesive is a silicone adhesive gel in the form of silicone gel adhesive precursors. (Results 0)

Search [SP]: article and method for maintaining menstrual fluid within the vagina the present invention relates to sanitary protection article that is structured and arranged to maintain menstrual fluid within the vagina and thereby prevent the menstrual fluid from escaping the body. the present invention also relates to a method of selectively maintaining menstrual fluid within the vagina by means of using such article. (Results 109)

Search 3 and thickness (Results 83)
4:

Search 4 and confort* (Results 28)
5:

Search 4 and comfort* (Results 62)
6:

Search SFT=(vagina* and adhesive) (Results 16041)
7:

Search 7 and ((contain* or mantein*) near (menstru* or fluid*)) (Results 2872)
8:

Search 8 and (menstrual or menstruation) (Results 1039)
9:

Search 9 and PD<20140731 (Results 943)
10:

Search 10 and thickness (Results 823)
11:

Search 11 Not absorb* (Results 14)
12:

Search 6 Not absorb* (Results 1)
13:

Search 6 (Results 62)
14:

Title: BORDERED DISPOSABLE ABSORBENT ARTICLE

Abstract: An article of manufacture is disclosed for absorbing liquids, particularly body exudates such as menstrual discharges. An apertured formed film topsheet having a layer of fibers affixed to the inner surface thereof overlays an intermediate layer having a multiplicity of tapered capillaries. The apertured formed film topsheet has a specified combination of caliper, percent open area and percent of apertures having an equivalent hydraulic diameter less than or equal of 0.025 inches (0.064 cm.) which impart a stain resistant character to the topsheet. In addition, a border having a channel therein encircles the absorbent core.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/472
A61F13/49 A61F13/511 A61F13/514 A61F13/515 A61F13/53
A61L15/00 (Advanced/Invention);

A61F13/00 A61F13/15 A61L15/00 (Core/Invention)

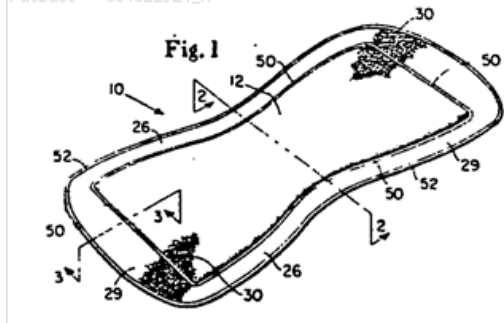
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CPC: A61F13/512 A61F13/47 A61F13/515 A61F13/534 A61F13/537
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European: A61F13/512 A61F13/515 K61F13/15E10A K61F13/15E2
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K61F13/534 K61F13/534C K61F13/537 K61F13/537E4 K61F13/539A

US: 128/287 604/370 604/374 604/378 604/385.23

PatBase - US4321924_A

**Family:**

Publication number	Publication date	Application number	Application date
AT15857 E	19851015	AT19810302083T	19810511
CA1155253 A1	19831018	CA19810377323	19810511
DE3172484 D1	19851107	DE19813172484	19810511
EP0040085 A2	19811118	EP19810302083	19810511
EP0040085 A3	19820428	EP19810302083	19810511
EP0040085 B1	19851002	EP19810302083	19810511
JP1987575 Y	19940523	JP19900040596U	19810512
JP2141436 U1	19901128	JP19900040596U	19900416
JP5002172 Y2	19930120	JP19900040596U	19900416
JP57003639 A2	19820109	JP19810071292	19810512
MX156390 A	19880818	MX19810187267	19810512
PH17231 A	19840703	PH19810025608	19810508
US4321924 A	19820330	US19800148658	19800512

Priority:

US19800148658 19800512 CA19810377323 19810511 EP19810302083 19810511

Probable Assignee: PROCTER AND GAMBLE CO

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

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; PROCTER AND GAMBLE COMPANY THE ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE CO ; AHR NICHOLAS A

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Inventor(s): NICHOLAS ALBERT AHR

Agent(s): KIRBY EADES GALE BAKER

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

Title: Disposable sanitary pad

Abstract: This invention relates to a disposable sanitary napkin having longitudinal edges and transverse ends, having at least one compression line extending along and close to the longitudinal edges, such that the pressure of the user's thighs on the product will bring about a protuberance of absorbent material toward the perineal area when worn. The products of this invention thus bring the absorbent material closer to the point of discharge of menstrual fluid, which is the critical cause of leakage from the longitudinal edges of sanitary napkins.

Classifications:

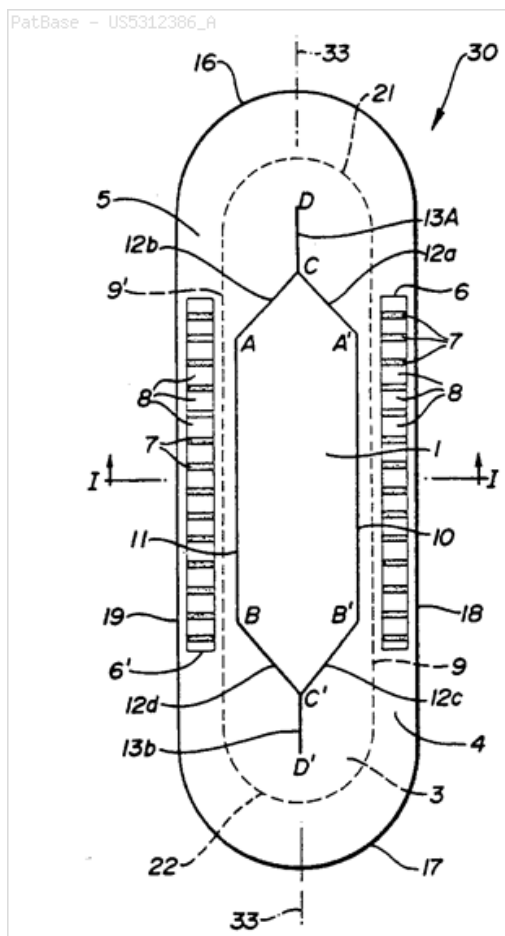
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A61L15/22 (Advanced/Invention);
A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61F13/475
A61F13/48 A61F13/50 A61L15/22 A61M13/50

CPC: A61F13/4752 A61F13/472 A61F13/4756 A61F13/4758
A61F13/514 A61F13/53 A61F2013/51078

European: A61F13/475A1 A61F13/475A3 A61F13/475B
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K61F13/53

US: 604/379 604/385.26



Family:

Publication number	Publication date	Application number	Application date
AU199049757 A1	19900823	AU19900049757	19900214
AU635242 B2	19930318	AU19900049757	19900214
BRPI8900666 A	19901002	BR1989PI00666	19890215
CA2009894 AA	19900815	CA19902009894	19900213
CA2009894 C	20010417	CA19902009894	19900213
DE4004729 A1	19900816	DE19904004729	19900215
DE4004729 C2	20010510	DE19904004729	19900215
DE4004729 C5	20060921	DE19904004729	19900215
FR2642974 A1	19900817	FR19900001827	19900215
FR2642974 B1	19950505	FR19900001827	19900215
JP2277453 A2	19901114	JP19900032609	19900215
JP2945430 B2	19990906	JP19900032609	19900215
NZ232495 A	19930225	NZ19900232495	19900212
US5312386 A	19940517	US19920942477	19920909
ZA9001132 A	19911030	ZA19900001132	19900214

Priority:

BR1989PI00666 19890215 US19900477288 19900208 CA19902009894 19900213
US19910706141 19910529 US19920852358 19920317 US19920942477 19920909

Probable Assignee: JOHNSON AND JOHNSON

Assignee(s): (std): COSTA CORREA MAURO F ; DAS NEVES ROSANA R ; JOHNSON AND JOHNSON ; JOHNSON AND JOHNSON PROD INC ; JOHNSON AND JOHNSON SA

Assignee(s): JOHNSON AND JOHNSON NEW BRUNSWICK N J ; JOHNSON AND JOHNSON NEW BRUNSWICK N J US ; JOHNSON JOHNSON ; JOHNSON AND JOHNSON S A ; JOHNSON AND JOHNSON NEW BRUNSWICK ; JOHNSON AND JOHNSON PURODAKUTSU INC ; DAS NEVES ROSANA RAINHO ; COSTA CORREA MAURO FEIJO

Inventor(s): (std): CORREA MAURO F C ; CORREA MAURO FEIJO COSTA ; COSTA CORREA MAURO F ; DAS NEVES ROSANA R ; COSTA CORREA MAURO FEIJO ; CORREIRA MAURO FEIJO COSTA ; DAS NEVES ROSANA RAINHO ; NEVES ROSANA R D ; MAURO FEIJO COSTA CORREA ; MAURO FUEIJIYO KOSUTA KOREA ; NEVES ROSANA RAINHO DAS ; NEVES ROSANA RAIHNO DAS ; ROSANA RAINHO DAS NEVES ; ROSANA RAINHO DASU NEBESU

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Agent(s):

ERFINDER WIRD NACHTRAEGLICH BENANNT ; MAURO FUEIJO KOSUTA KOREA
GRIFFITH HACK; OGILVY RENAULT LLP SENCRL SRL

Title: Disposable sanitary napkin

Abstract: The present invention provides a disposable intimate feminine absorbent with lateral regions or cuffs for containing liquids, which tend to assume a vertical position when the absorbent assumes, in use, an anatomical arched configuration.

Classifications:

International (IPC 8-9): A47J31/41 A61F13/15 A61F13/472

A61F13/514 (Advanced/Invention);

A47J31/40 (Core/Invention)

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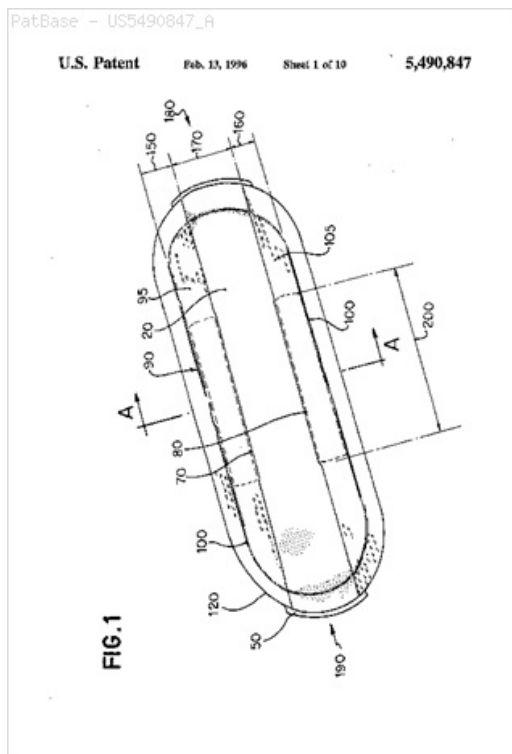
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K61F13/494F

US: 604/385.04 604/385.05 604/385.28 604/387



Family:

Publication number	Publication date	Application number	Application date
AT193972 E	20000715	AT19930119042T	19931125
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AU704607 B2	19990429	AU19970028703	19970717
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CA2109876 AA	19940526	CA19932109876	19931124
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EP0604764 A1	19940706	EP19930119042	19931125
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GR1002206 B	19960327	GR19930100451	19931118
GR930100451 A	19940729	GR19930100451	19931118
JP6339497 A2	19941213	JP19930317475	19931125
NZ250277 A	19951221	NZ19930250277	19931124
PT604764 T	20001031	PT19930119042T	19931125
TH15799 A	19950418	TH19931002127	19931123
TW312963 Y	19970811	TW19950206020U	19940114
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Priority:

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Probable Assignee: MCNEIL PPC INC

Assignee(s): (std): ACHCAR FERNANDA S ; CORREA MAURO F C ; JOHNSON AND JOHNSON IND COM ; MCNEIL PPC INC ; SINICIO TELMA

Assignee(s): MAKUNILE P P C INC ; JOHNSON AND JOHNSON INDUSTRIA E COMERCIO LTDA ; COSTA CORREA MAURO FEIJO ; ACHCAR FERNANDA SILVEIRA

Inventor(s): (std): SINICIO TELMA ; FEIJO MAURO COSTA CORREA ; MAURO FUEIHO KOSUTA KOREA ; FUERUNANDA SHIRUBEIRA AKUKAARU ; FERNANDA SILVEIRA ACHCAR ; MAURO FEIJO COSTA CORREA ; TELMA SINICIO ; ACHCAR FERNANDA S ; ACHCAR FERNANDA SILVEIRA ; CORREA MAURO FEIJO COSTA ; COSTA CORREA MAURO FEIJO ; CORREA MAURO F C ; TERUMA SHINISHIO

Inventor(s): Correa ; Mauro Feijo Costa

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR

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

Title: ABSORBENT ARTICLE

Abstract: An absorbent article is disclosed for absorbing body fluids such as urine, menses, blood, excrement, etc. The absorbent article includes a liquid-permeable cover, a liquid-impermeable baffle and an absorbent positioned therebetween. The absorbent is constructed of first and second members each having a predetermined width, with the width of the first member being equal to or greater than the width of the second member. The second member is positioned below at least a portion of the first member. The second member has a greater wicking capability than said first member and this facilitates movement of body fluid in a horizontal plane throughout the second member. The body fluid present in the second member will then be transferred back into the first member over an area equal to the saturated area of the second member.

Classifications:

International (ipc 8-9): A61F13/15 A61F13/42 A61F13/49 A61F13/53 A61F13/534 A61F13/537 (Advanced/Invention); A61F13/42 A61F13/45 (Advanced/Non-invention); A61F13/15 (Core/Non-invention)

International (ipc 1-7): A61F13/15 A61F13/20 A61F13/45 A61F13/46 A61F13/53 A61F13/534

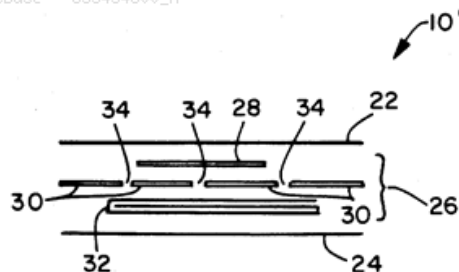
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US: 604/358 604/378 604/385.1

PatBase - US5454800_R



Family:

Publication number	Publication date	Application number	Application date
AU199468264 A1	19941212	AU19940068264	19940505
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CN1124448 A	19960612	CN19941092071	19940505
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HK1014481 A1	20011109	HK19980115830	19981228
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US5454800 A	19951003	US19930058249	19930512
WO9426221 A1	19941124	WO1994US05013	19940505

Priority:

US19930058249 19930512 CA19932104263 19930817 EP19940916673 19940505
WO1994US05013 19940505

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC US ; COUTURE DORSCHNER LAURIE ; FINCH VALERIE VICTORIA ; HIRT DEDE ANN

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Inventor(s): D A HIRT ; L C DORSCHNER ; V V FINCH ; Dede Ann ; Hirt

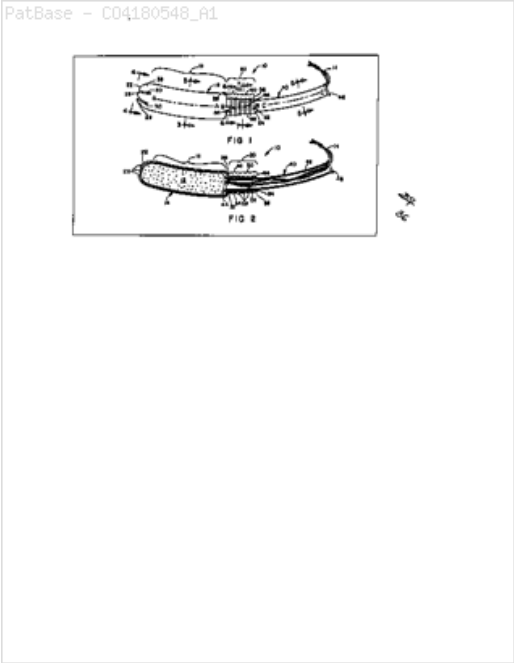
Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BORDEN LADNER GERVAIS LLP; DAVIES CHRISTOPHER ROBERT

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KR KZ LI LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA UZ VN

Title: APLICADOR DE TAPON CORTO QUE TIENE MEJORADO AGARRE CON LOS DEDOS APPLYING TO HAVE IMPROVED short plug finger grip (Machine translation)

Abstract: Source: CO4180548A [ES] 1. UN APLICADOR DE TAPON CURVO QUE COMPRENDE: A) UN MIEMBRO TUBULAR QUE TIENE UNA FORMA ARQUEADA CON UNA LINEA CENTRAL FORMADA SOBRE UN ARCO QUE TIENE UN RADIO DE CURVATURA PREDETERMINADO, DICHO MIEMBRO TUBULAR TIENE UN PERFIL EXTERIOR EMPINADO CON UNA PARTE AGRANDADA DISENADA PARA ALBERGAR UN TAPON UNIDO A UNA PARTE DE AGARRE CON LOS DEDOS MAS PEQUENA, DICHO MIEMBRO TIENE UN EXTREMO DELANTERO A TRAVES DEL CUAL DICHO TAPON PUEDE SER EXPULSADO Y UN EXTREMO TRASERO A TRAVES DEL CUAL PUEDE DESLIZARSE UN EMBOLO, DICHA PARTE DE AGARRE CON LOS DEDOS TIENE UN CONDUCTO GROMADO A TRAVES DE LA MISMA EL CUAL ESTA DISENADO Y CONFIGURADO PARA RECIBIR DICHO EMBOLO Y QUE TIENE UNA PERIFERIA EXTERIOR; B) UN PARA DE SUPERFICIES PLANAS FORMADAS SOBRE LA PERFILERIA EXTERIOR DE DICHA PARTE PARA AGARRARSE CON LOS DEDOS LAS CUALES ESTAN ALINEADAS PARALELAS A UN PALNO COINCIDENTE CON UN RADIO QUE FORMA DICHA LINEA CENTRAL ARQUEADA DE DICHO MIEMBRO; C) UN SEGUNDO PARA DE SUPERFICIES PLANAS FORMADAS SOBRE LA PERIFERIA EXTERIOR DE DICHA PARTE PARA AGARRARSE CON LOS DEDOS LAS CUALES ESTAN ALINEADAS PERPENDICULARMENTE A DICHO PRIMER PARA DE SUPERFICIES PLANAS, DICHO SEGUNDO PARA DE SUPERFICIES PLANAS SIENDO MAS CORTO EN LONGITUD QUE DICHO PRIMER PARA DE SUPERFICIES PLANAS. **Machine translation:** 1. CAP CURVO applicator comprising: a) a tubular member has an arcuate shape with a center line formed on an arc having a predetermined radius of curvature, that Member TUBULAR PROFILE STEEP has an outer part designed with an enlarged TO ACCOMMODATE a plug attached to a portion GRIP WITH FINGERS smaller, that member has a front end through which said plug ejected BE AND A REAR END THROUGH WHICH MAY SLIP plunger, SUCH PARTY GRIP WITH FINGERS A GROMADO having a conduit therethrough which is designed and configured to receive said plunger and having an outer peripheral TIA; B) A SURFACE FOR FLAT formed on the outer PROFILES THAT PARTY TO HOLD WITH FINGERS which are aligned parallel to a PALNO coincident with a RADIO Said FORMING ARCHED CENTRAL LINE the member; C) A SECOND FOR FLAT SURFACES formed on the outer periphery of said PARTY TO HOLD WITH FINGERS which are aligned perpendicularly to said surfaces FIRST TO OF FLAT, said second pair of flat surfaces being shorter in length than said first pair of FLAT SURFACES.

Classifications:
International (IPC 8-9): A61F13/15 (Advanced/Invention);
A61F13/15 (Core/Invention)
International (IPC 1-7): A61F13/15



Family:

Publication number	Publication date	Application number	Application date
CO4180548 A1	19950607	CO19940050784	19941104

Priority:
CO19940050784 19941104

Probable Assignee: KIMBERLY CLARK CORP

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

Assignee(s): KIMBERLY CLARK CORP

Inventor(s): (std): COUTURE DOSCHNER LAURIE ; FOX DONALD GEORGE ; HEUER DANIEL JAIMES ; SEMANEK MARY SUE

Inventor(s): SUE SEMANEK MARY ; JAIMES HEUER DANIEL ; LAURIE COUTURE DOSCHNER ; GEORGE FOX DONALD

Agent(s): RAMIRO CASTRO DUQUE

Title: ABSORBENT ARTICLE HAVING A BODY ADHESIVE

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

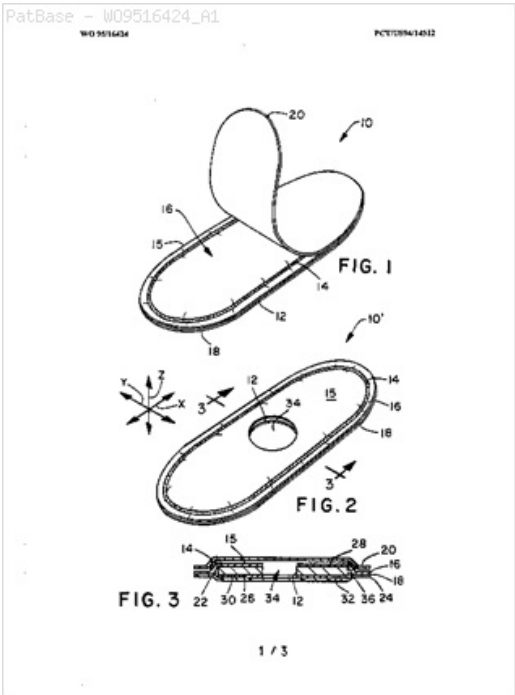
Classifications:

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

International (IPC 1-7): A61F13/15 A61F13/46 A61F13/56 A61F13/58 A61F13/66 A61F13/74 A61F13/82

CPC: A61F13/47245 A61F13/47272 A61F13/512 A61F13/532 A61F13/53713 A61F13/5376 A61F13/5611 A61F13/82

European: A61F13/472C1 A61F13/472E A61F13/512 A61F13/532 A61F13/537B2 A61F13/537D A61F13/56B2 A61F13/82 K61F13/15G K61F13/82



Family:

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

Priority:

US19930167597 19931214 CA19942122660 19940502 WO1994US14512 19941214

Probable Assignee: KIMBERLY CLARK CORP

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

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

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

Agent(s): BORDEN LADNER GERVAIS LLP

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

Title: Absorbent article with adjustable undergarment protection system

Abstract: Absorbent articles, particularly sanitary napkins, having longitudinally adjustable flaps are provided. The flaps are connected to the central absorbent body of the article by an extensible means and can be adjusted in the longitudinal direction either by manually positioning the flaps or by using an optional adjustment tab to adjust the position of the flaps. Absorbent articles of the present invention thus provide improved protection to undergarments and improved **comfort** to a wearer, since the wearer can adjust both the flaps and the central absorbent body of the article in an optimal position for their particular needs.

Classifications:

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

A61F13/66 (Advanced/Invention);

A61F13/15 A61F13/56 (Advanced/Non-invention);

A61F13/15 A61F13/56 (Core/Invention)

International (IPC 1-7): A61F13/00 A61F13/15 A61F13/66

CPC: A61F13/476 A61F13/474 A61F13/537 A61F2013/49063

A61F2013/51066 A61F2013/51411 A61F2013/5149

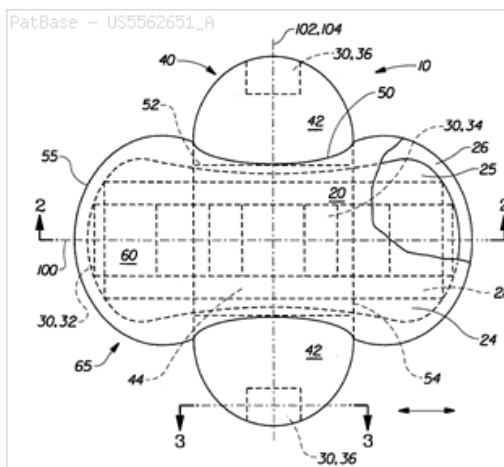
European: A61F13/474 A61F13/476 K61F13/15C3B2

K61F13/15C3D1A K61F13/15C7B K61F13/15E2D K61F13/15F2

K61F13/15F5 K61F13/15F5A K61F13/49E3 K61F13/514A4A

K61F13/514C4B K61F13/51N2 K61F13/537

US: 604/385.04 604/387



Family:

Publication number	Publication date	Application number	Application date
AT196598 E	20001015	AT19950922164T	19950602
AU199526949 A1	19960125	AU19950026949	19950602
AU199916361 A1	19990401	AU19990016361	19990209
AU715492 B2	20000203	AU19990016361	19990209
CA2192558 AA	19961210	CA19952192558	19950602
CA2192558 C	20001107	CA19952192558	19950602
CL1995000920 A1	19960415	CL19950000920	19950626
CO4290482 A1	19960417	CO19950028524	19950629
DE69518983 D1	20001102	DE19956018983	19950602
DE69518983 T2	20010419	DE19956018983T	19950602
EP0767645 A1	19970416	EP19950922164	19950602
EP0767645 B1	20000927	EP19950922164	19950602
ES2149993 T3	20001116	ES19950922164T	19950602
JP10502005 T2	19980224	JP19960503168T	19950602
JP4040085 B2	20080130	JP19960503168T	19950602
KR100198375 B1	19990615	KR19960707503	19961227
KR19970703737 A	19970809	KR19960707503	19961227
KR19977003737 A	19970809	KR19967007503	19950602
MX9606412 A1	19981031	MX19960006412	19961213
PE29196 A1	19960724	PE19950271298	19950614
TH19426 A	19960702	TH19951001548	19950628
TR9500777 A2	19960621	TR19950000777	19950629
TR960006 A2	19960621	TR19950000777	19950629
US5562651 A	19961008	US19940268694	19940630
US5669898 A	19970923	US19960653523	19960524
WO9600546 A1	19960111	WO1995US06946	19950602
ZA9504707 A	19960126	ZA19950004707	19950607

Priority:

EP19940109926 19940628 US19940268694 19940630 AU19950026949 19950602
 WO1995US06946 19950602 US19960653523 19960524 AU19990016361 19990209

Probable Assignee: PROCTER AND GAMBLE CO

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

Assignee(s): PROCTER AND GAMBLE CO ; AHR NICHOLAS ALBERT ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI

Inventor(s): (std): AHR ALBERT ; AHR NICHOLAS A ; AHR NICHOLAS ALBERT ; NICHOLAS ALBERT AHR

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

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

Title: Method for dispersing absorbent articles

Abstract: A method for dispensing absorbent articles for use by individuals, said method comprising a dispensing device containing at least two different types of absorbent articles and a means for allowing an individual to select one or more types of the absorbent articles in the dispensing device.

Classifications:

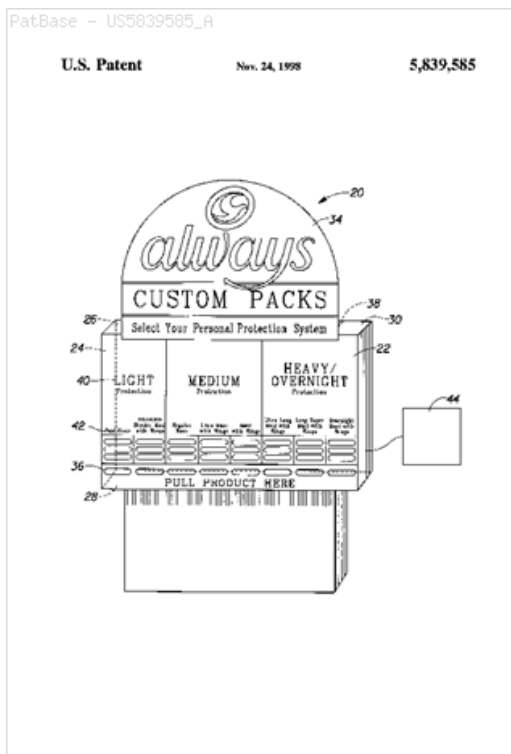
International (IPC 8-9): A47F1/00 A47F1/08 A47F5/00 A47F7/00 A61F13/15 A61F13/472 A61F15/00 B65D83/00 B65D83/08 G06Q30/02 G06Q90/00 G07F11/00 G07F5/22 (Advanced/Invention); A47F1/08 A47F5/00 A47F7/00 A61F15/00 G06Q30/00 (Advanced/Non-invention)

International (IPC 1-7): A47F1/08 A47F5/00 A47F7/00 A61F1/08 A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F15/00 A61L15/42 B01J20/00 B65D83/00 G07F11/00 G07F5/22 G09B25/00 G09F19/00

CPC: A61F13/84 A61F15/001

European: A61F13/84 A61F15/00B K61F13/15B11

US: 206/45.24 211/49.1 211/59.2 312/42 340/5.9 434/428 434/429 434/430



Family:

Publication number	Publication date	Application number	Application date
AR007343 AA	19991027	AR1997P102324	19970530
AU199731502 A1	19980105	AU19970031502	19970530
AU199731503 A1	19980105	AU19970031503	19970530
AU736393 B2	20010726	AU19970031502	19970530
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BRPI9709610 A	19990810	BR1997PI09610	19970530
BRPI9709628 A	19990810	BR1997PI09628	19970530
CA2256460 AA	19981126	CA19972256460	19970530
CA2256460 C	20040323	CA19972256460	19970530
CA2256472 AA	19981126	CA19972256472	19970530
CA2256472 C	20060829	CA19972256472	19970530
CA2553924 AA	19971204	CA19972553924	19970530
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CL44099 B	20080930	CL19970001047	19970530
CN1145468 C	20040414	CN19971095684	19970530
CN1222845 A	19990714	CN19971095684	19970530
CN1225572 A	19990811	CN19971096595	19970530
CO4850581 A1	19991026	CO19970030005	19970530
CZ292445 B6	20030917	CZ19980003928	19970530
CZ9803928 A3	19990414	CZ19980003928	19970530
DE69711619 D1	20020508	DE19976011619	19970530
DE69711619 T2	20021107	DE19976011619T	19970530
EG21517 A	20011128	EG19970000466	19970527
EP0901361 A1	19990317	EP19970926829	19970530
EP0901361 B1	20020403	EP19970926829	19970530
ES2171263 T3	20020901	ES19970926829T	19970530
HK1016864 A1	20030214	HK19990101883	19990427
HU222075 B1	20030428	HU19990003585	19970530
HU9903585 AB	20000228	HU19990003585	19970530
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ID17411 A	19971224	ID19970001853	19970530
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JP11513916 T2	19991130	JP19970542979T	19970530
JP2000508215 T2	20000704	JP19970542978T	19970530
JP2002177105 A2	20020625	JP20010304781	20011001
KR100313041 B1	20020117	KR19980709755	19970530
KR100352517 B1	20050115	KR19980709672	19970530
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KR20000016187 A	20000325	KR19980709755	19970530

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NO985591 A	19990201	NO19980005591	19981127
NO985591 A0	19981127	NO19980005591	19981127
PE82098 A1	19981223	PE19970000441	19970529
TH35943 A	19991119	TH19971002066	19970529
TR9802488 T2	19990322	TR19980002488T	19970530
TR9802490 T2	20010621	TR19980002490T	19970530
TW340210 B	19980911	TW19970113451	19970917
US5839585 A	19981124	US19970962888	19971107
US5865322 A	19990202	US19970907032	19970806
US5947302 A	19990907	US19990243313	19990202
US6093027 A	20000725	US19970854612	19970512
US6368113 BA	20020409	US20000535688	20000327
WO9745088 A1	19971204	WO1997US09258	19970530
WO9745089 A1	19971204	WO1997US09259	19970530
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Priority:

US19960656941	19960530	US19970854612	19970512	CA19972256472	19970530
CA19972553924	19970530	JP19970542979	19970530	JP19970542979T	19970530
WO1997US09259	19970530	WO1997US09258	19970530	US19970907032	19970806
US19970962888	19971107	US19990243313	19990202	US20000535688	20000327

Probable Assignee: PROCTER AND GAMBLE CO

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

Assignee(s): THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; THE PROCTER AND GAMBLE CO CINCINNATI ; UNGER MATTHEW ERIC ; ZUZIAK HOLLY MARIE ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; PROCTER AND GAMBLE CO THE ; MAINGOT ALAN LAWRENCE ; MILLER CAROLYN JEANNE ; OSBORN THOMAS WARD III

Inventor(s): (std): MILLER JEANNE ; THOMAS WARD OSBORN III ; THOMAS WARD OSBORN ; THOMAS W OSBORN III ; MATTHEW ERIC UNGER ; MATTHEW E UNGER ; III THOMAS WARD OSBORN ; HOLLY MARIE ZUZIAK ; CAROLYN JEANNE MILLER ; CAROLYN J MILLER ; ALAN LAWRENCE MAINGOT HOLLY MARIE ZUZIAK ; ALAN LAWRENCE MAINGOT ; ZUZIAK HOLLY MARIE ; ZUZIAK ALAN LAWRENCE MAINGOT H ; UNGER MATTHEW ERIC ; UNGER MATTHEW E ; UNGER ERIC MATTHEW ; OSBORN THOMAS WARD III ; OSBORN THOMAS WARD ; OSBORN THOMAS W III ; OSBORN THOMAS EARD III ; OSBORN III THOMAS WARD ; MILLER CAROLYN JEANNE ; MILLER CAROLYN J ; MAINGOT ALAN LAWRENCE ; JEANNE MILLER CAROLYN

Inventor(s): ERIC MATTHEW UNGER ; THOMAS EARD OSBORN III

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SIM AND MCBURNEY; MBM INTELLECTUAL PROPERTY LAW LLP; HARNECKER; CARLOS REINALDO OLARTE GARCIA; NAGAI HIROSHI

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

Title: FEMININE SANITARY PROTECTION PACKAGING ARTICLE AND METHOD

Abstract: A feminine sanitary protection packaging is disclosed which includes a packaging article and method. The feminine sanitary protection packaging provides a vaginal insert or insert applicator and a panty liner configured to fit the pudendal region of a woman. The panty liner is rolled laterally to form a laterally rolled combination panty liner and vaginal insert or insert applicator. A pouch is positioned around the laterally rolled panty liner and vaginal insert or insert applicator combination. The pouch provides a means for transporting and disposing of the laterally rolled combination panty liner and vaginal insert or insert applicator. In one aspect, the vaginal insert includes a tampon or a vaginal suppository. In another aspect, the vaginal insert applicator includes a tampon applicator or a vaginal suppository applicator. In still another aspect, the pouch is sealed and optionally can be perforated on at least one closed end for ease in opening. The pouch can be formed from the release strip of the panty liner and can be sealed around the laterally rolled panty liner and vaginal insert or insert applicator combination.

Classifications:**International (IPC 8-9):** A45D40/00 A61B17/06 A61F13/15

A61F13/20 A61F13/472 A61F13/551 A61F15/00

B65D69/00 (Advanced/Invention);

A61F13/15 A61F13/20 (Advanced/Non-invention);

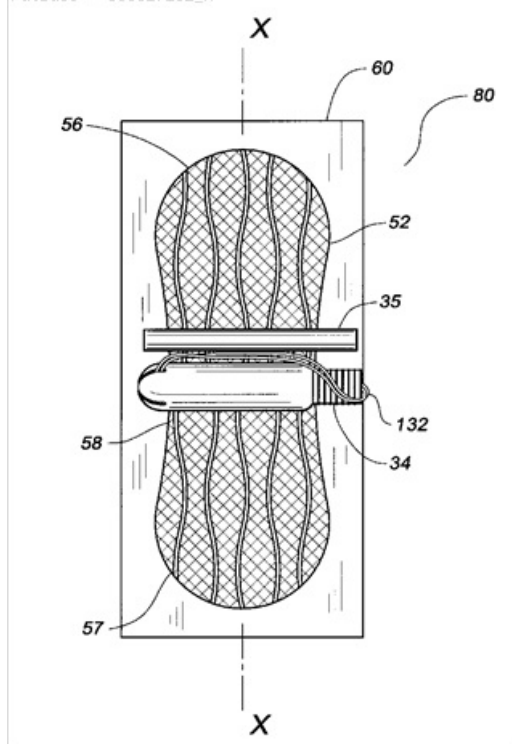
A61F13/15 A61F13/20 A61F15/00 (Core/Invention)

International (IPC 1-7): A45D40/00 A61B17/06 A61F13/15

A61F13/20 A61F13/472 A61F15/00 B65D69/00

CPC: Y10S604/904 A61F13/5519 A61F13/55185 A61F15/003**European:** A61F13/551F4 A61F13/551H A61F15/00B4**US:** 132/286 206/225 206/226 206/438 206/440 206/570 206/581 604/358 604/904

PatBase - US5827251_A

**Family:**

Publication number	Publication date	Application number	Application date
AR017764 AA	20011024	AR1998P105335	19981026
AU199911974 A1	19990705	AU19990011974	19981023
AU743603 B2	20020131	AU19990011974	19981023
BRPI9813625 A	20010828	BR1998PI13625	19981023
CA2314185 AA	20000609	CA19982314185	19981023
CA2314185 C	20061017	CA19982314185	19981023
CL1998002603 A1	19990708	CL19980002603	19981029
CN1176640 C	20041124	CN19988013683	19981023
CN1284847 A	20010221	CN19988013683	19981023
CO5070603 A1	20010828	CO19980062493	19981026
DE69836108 D1	20061116	DE19986036108	19981023
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EP1039865 A1	20001004	EP19980955084	19981023
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IN02398MA1998 A	20060623	IN1998MA02398	19981026
IN204486 B	20070629	IN1998MA02398	19981026
JP2002508216 T2	20020319	JP20000538645T	19981023
KR100563880 B1	20060328	KR20007006684	19981023
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MY121035 A	20051230	MY19980005670	19981215
PA8462101 A1	20000524	PA19010084621	19981026
PE126799 A1	19991215	PE19980001011	19981027
RU2000119107 A	20020720	RU20000119107	19981023
RU2195909 C2	20030110	RU20000119107	19981023
SV1998000126 A	19990818	SV19980000126	19981023
TH38940 A	20000626	TH19981004120	19981026
TW389690 B	20000511	TW19980120585	19981211
US5827251 A	19981027	US19970993025	19971218
US5891127 A	19990406	US19970993024	19971218
US5964741 A	19991012	US19980178162	19981023
US5986165 A	19991116	US19980178161	19981023
WO9930659 A1	19990624	WO1998US22498	19981023
ZA9809729 A	19990504	ZA19980009729	19981026

Priority:

US19970933025 19971218	US19970993024 19971218	US19970993025 19971218
US19980178162 19981023	US19980178161 19981023	WO1998US22498 19981023

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK WORLDWIDE INC ; MODER SUSAN J ; KUBALEK RICHARD W

Assignee(s): SYNGENTA LTD ; KIMBERLY Y CLARK WORLDWIDE INC ; KIMBERLY CLARK CORP ; KIMBERLI KLARK
VORLVAJD INK ; KIMBERLY CLARK A CORP OF DELAWARE CORP

Inventor(s): (std): KUBALCK R W ; KUBALEK RICHARD W ; KUBALEK W ; MODER J ; MODER SUSAN J ; SUSAN J MODER ;
SJ MODER ; RW KUBALEK ; RW KUBALCK ; RICHARD W KUBALEK ; MODER S J ; KUBALEK R W ;
MODER SJUZAN DZH ; K JUBALEK RICHARD V

Inventor(s): K'JUBALEK RICHARD V. ; S J MODER ; R W KUBALEK ; R W KUBALCK

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

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

Title: Absorbent article with improved leakage security

Abstract: An absorbent article such as a sanitary napkin, a panty liner or an incontinence pad, which is intended to be substantially accommodated within a user's panties and comprising an upper absorbent part (2) and a lower absorbent part (3), whereby the upper absorbent part (2) forms a raised portion (26) projecting from the lower absorbent part (3) and has a lesser extension in the transverse direction of the article than the lower absorbent part (3). A porous liquid acquisition layer (28) is arranged between the two absorbent parts (2,3) and has a density which is less than the density in both the upper absorbent part (2) and the lower absorbent part (3).

Classifications:

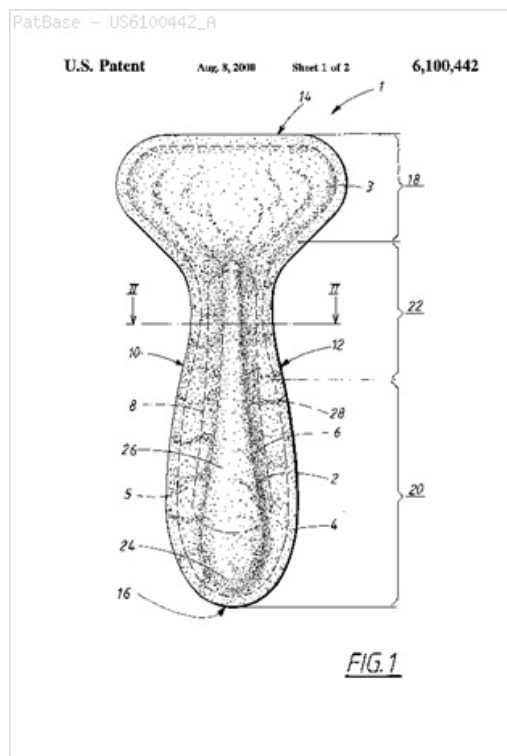
International (IPC 8-9): A61F13/15 (Advanced/Invention); A61F13/15 (Core/Invention)

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

CPC: A61F13/47227 A61F13/537 A61F2013/15422

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Family:

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DE69811999 D1	20030417	DE19986011999	19980623
DE69811999 T2	20040205	DE19986011999T	19980623
EP0891759 A1	19990120	EP19980850111	19980623
EP0891759 B1	20030312	EP19980850111	19980623
SE509535 C2	19990208	SE19970002396	19970624
SE9702396 A	19981225	SE19970002396D	19970624
SE9702396 A0	19970624	SE19970002396	19970624
SE9702396 L	19981225	SE19970002396	19970624
US6100442 A	20000808	US19980100123	19980619

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Probable Assignee: SCA HYGIENE PRODUCTS AKTIEBOLAG

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Assignee(s): SCA MOLNLYCKE ABS ; SCA MOLNLYCKE AB ; SCA HYGIENE PRODUCTS AKTIEBOLAG ; SCA MOELNLYCKE AB ; SCA HYGIENE PRODUCTS AB ; SCA HYGIENE PRODUCTS AB GOETEBORG GOTENBURG

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