

PatBase - Search results 12 June 2017

Search query (2): [SP]: 1. a method of adhering an article or substrate to a microfiber, comprising the steps of: a) providing a microfiber and b) attaching to the microfiber an article or substrate containing an adhesive such that the article or substrate is attached to the microfiber by the adhesive, wherein the adhesive has, as measured by dma testing method described in example 3: i) a complex modulus, at 25 degrees centigrade and frequency of 10 rad/sec., ranging from about 10000 to about 30000 pa b) a glass transition (tg) temperature, at a frequency of 10 rad/sec., of less than about 10 degrees centigrade or iii) a combination thereof. 2. the method of claim 1 wherein the complex modulus, at 25 degrees centigrade, ranges from about 11000 to about 26000 pa. 3. the method of claim 2 wherein the complex modulus, at 25 degrees centigrade, ranges from about 12000 to about 24000 pa. 4. the method of claim 1 wherein the glass transition temperature is less than about 8 degrees centigrade 5. the method of claim 4 wherein the glass transition temperature is less than about 5 degrees centigrade 6. the method of claim 1 wherein the adhesive comprises a first polymer. 7. the method of claim 6 wherein the first polymer has a melt index of greater than about 12 grams per 10 minutes as measured by astm method d 1238, condition g. 8. the method of claim 6, wherein the first polymer is a styrenic block copolymer. 9. the method of claim 8, wherein the styrenic block copolymer comprises a styrenic tri-block polymer. 10. the method of claim 9 wherein the styrenic block copolymer further comprises a styrenic di-block polymer, forming a styrenic tri-block/diblock polymer mixture. 11. the method of claim 10 wherein the styrenic di-block polymer is present at a concentration of at least 50 percent, by weight of the styrenic tri-block/diblock polymer mixture. 12. the method of claim 11 wherein the styrenic di-block polymer is present at a concentration of at least 60 percent, by weight of the styrenic tri-block/diblock polymer mixture. 13. the method of claim 12 wherein the styrenic di-block polymer is present at a concentration of at least 70 percent, by weight of the styrenic tri-block/diblock polymer mixture. 14. the method of claim 6 wherein the adhesive further comprises a second polymer. 15. the method of claim 14 wherein the second polymer has a melt index less than about 12 grams per 10 minutes as measured by astm method d 1238, condition g. 16. the method of claim 15 wherein the second polymer is a styrene-butadiene polymer. 17. the method of claim 1, wherein the article is an incontinence product, panty liner or feminine napkin.

Results: 14**1) Family number: 58446510** (US2015034244A)

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Title: ADHESIVE AND USE FOR ATTACHMENT TO MICROFIBER GARMENTS**Abstract:** Source: US2015034244A The present invention relates to an adhesive and its use for attachment to microfiber garments. The adhesive provides peel strength, complex modulus and glass transition properties suitable for this application.**Classifications:****International (IPC 8-9):** A61F A61F13/15 A61F13/539 A61F13/56 A61F13/58 A61L15/22 A61L15/24 A61L15/42 A61L15/58 B01D71/00 B32B37/12 C08F12/08 C09J11/06 C09J125/10 C09J145/00 C09J147/00 C09J153/00 C09J153/02

C09J5/00 (Advanced/Invention);

A61F13/51 (Core/Invention)

CPC: C09J5/00 A61F13/15577 B32B37/12 B32B2037/1246 C09J2453/00 C09J2425/00 A61L15/58 A61L15/585 A61L15/225

A61F13/5611 A61F2013/16 A61F13/5616 A61L2300/80 A61L2420/06 Y10T156/10

US: 156/334 156/60 604/387**Family:**

Publication number	Publication date	Application number	Application date
AU2014208311 AA	20150219	AU20140208311	20140805
AU2014208312 AA	20150219	AU20140208312	20140805
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BR102014019292 A2	20150922	BR20141019292	20140805
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CA2858330 AA	20150205	CA20142858330	20140801
CN104338170 A	20150211	CN201410381348	20140805
CN104338176 A	20150211	CN201410381650	20140805
CO7510040 A1	20160210	CO20140170529	20140805
CO7510041 A1	20160210	CO20140170555	20140805
EP2835137 A1	20150211	EP20140179740	20140804
EP2835138 A1	20150211	EP20140179743	20140804
IN02133DE2014 A	20151113	IN2014DE02133	20140729
IN02206DE2014 A	20150619	IN2014DE02206	20140804
PH2014000217 A	20160210	PH20140000217	20140801
PH2014000219 A	20160210	PH20140000219	20140804
RU2014132168 A	20160220	RU20140132168	20140804
RU2014132170 A	20160227	RU20140132170	20140804
TH145393 A	20160226	TH20141004481	20140804
TH145394 A	20160226	TH20141004482	20140804
US2015034244 AA	20150205	US20140338892	20140723
US2015038935 AA	20150205	US20140338869	20140723
US2015038936 AA	20150205	US20140338945	20140723
US2015038937 AA	20150205	US20140338965	20140723
US2015038938 AA	20150205	US20140341940	20140728

Priority:

US20130862264P 20130805

US20140338945 20140723

US20140341940 20140728

US20140338869 20140723

US20140338965 20140723

US20140338892 20140723

US20140338922 20140723

Probable Assignee: JOHNSON AND JOHNSON CONSUMER INC**Assignee(s):** (std): MCNEIL PPC INC ; MCNIEL PPC INC**Assignee(s):** QUINN THOMAS HARRY ; ADHERENT LABORATORIES INC ; AUSTIN JENNIFER JENSEN ; JOHNSON AND JOHNSON CONSUMER INC**Inventor(s):** (std): AUSTIN JENNIFER JENSEN ; JENNIFER JENSEN AUSTIN ; JENSEN AUSTIN JENNIFER ; QUINN THOMAS HARRY ; THOMAS ; THOMAS HARRY QUINN**Agent(s):** SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR; SILVANA MARIA LOPEZ DIAZ; CARPMAELS AND RANSFORD LLP; ROMULO MABANTA BUENAVENTURA SAYOC AND DELOS ANGELES

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

2) Family number: 11501964 (US5462538A)

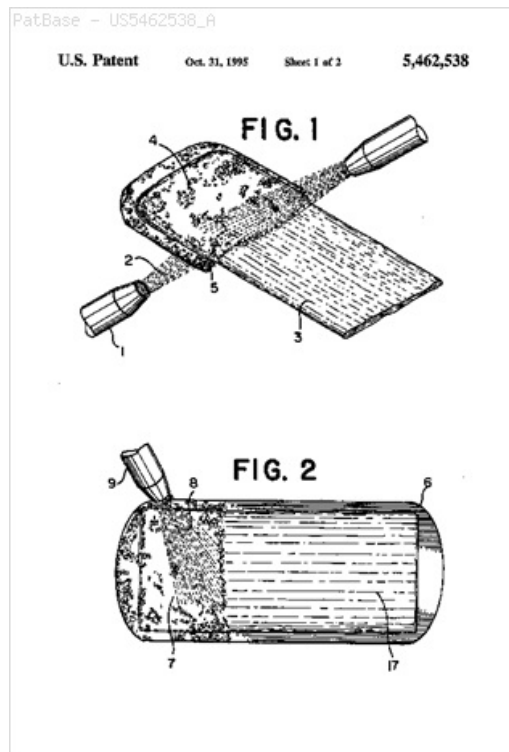
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Title: MOLTEN ADHESIVE FIBERS AND PRODUCTS MADE THEREFROM

Abstract: Source: US5462538A Absorbent products and components for use in absorbent products are disclosed. These absorbent products comprise pressure-sensitive adhesive microfibers and thermoplastic polymer microfibers, that when incorporated into absorbent products provide good liquid transport properties, resiliency, and attachment systems; and further mask odors associated with bodily fluids.

Classifications:

International (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61F13/56 A61F5/44 A61L15/22 A61L15/46 A61L15/58 A61L15/60 B32B27/02 C09J7/02 D04H1/54 D04H3/12 (Advanced/Invention); A61F13/15 A61F13/56 A61F5/44 A61L15/16 B32B27/02 C09J7/02 D04H1/54 D04H3/08 (Core/Invention)
International (IPC 1-7): A61F13/15 A61F13/20 A61F13/46 A61F13/472 A61F13/49 A61F13/511 A61F13/514 A61F13/56 A61F5/44 A61L15/16 A61L15/22 A61L15/46 A61L15/58 A61L15/60 B32B27/02 C09J7/02 C09J7/04 C09J7/04 D04H1/54 D04H3/12
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Family:

Publication number	Publication date	Application number	Application date
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EP0658351 B1	19980930	EP19940119851	19941215
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JP2005021711 A2	20050127	JP20040262594	20040909
JP7194651 A2	19950801	JP19940332842	19941215
US5462538 A	19951031	US19930168550	19931216
US5681305 A	19971028	US19950442270	19950516
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Priority:

CA19942137513 19941207 CA19942499804 19941207 US19960703746 19960827
US19950442270 19950516 US19930168550 19931216

Probable Assignee: MCNEIL PPC INC

Assignee(s): (std): MCNEIL PPC INC

Assignee(s): MCNEIL PPC INC MILLTOWN N J US ; KORPMAN RALPH ; MAKUNIILE P P C INC

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Inventor(s): KORPMAN RALPH BRIDGEWATER NJ 08807 US

Agent(s): SMART AND BIGGAR

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

Title: FLEXIBLE CONTAINER WITH NONSTICK INTERIOR

Abstract: Source: US5181610A A pouch for the packaging of products having a pressure sensitive adhesive thereon, such as sanitary napkins. The pouch is formed of paper of plastic film coated on one side with a layer of silicone, the pouch construction being such that the silicone coating defines the interior surfaces of the pouch. Due to the nonstick characteristic of the silicone coating, the usual protective liner for the adhesive on the packaged product can be omitted. The side seams of the pouch are formed by the application of heat or ultrasonic energy in combination with mechanical deformation of the paper or film to produce embossments in the seam areas. The side seams may be comprised of two or three layers of material. The nature of these side seams may be such that the pouch may be opened by peeling apart the seams, or the seams may be sealed so tightly that the pouch can be opened only by tearing the material.

Classifications:

International (IPC 8-9): B29C59/00 B29C65/00 B29C65/02 B29C65/08 B31F5/02 B32B25/20 B32B27/00 B32B27/08 B32B27/10 B65D30/02 B65D30/08 B65D65/42 B65D75/52 B65D75/58

B65D75/60 (Advanced/Invention);

B29C59/00 B29C65/02 B29C65/02 B29L22/00 B32B27/00 B32B27/08

B32B27/10 (Advanced/Non-invention);

B29C65/08 B31F5/00 B65D30/02 B65D30/08 B65D65/38

B65D75/52 (Core/Invention);

B29C65/00 B29C65/02 (Core/Non-invention)

International (IPC 1-7): B29C33/64 B29C59/00 B29C65/08 B29L22/00

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B65D65/42 B65D75/52 B65D75/58

CPC: B65D75/5855 B29C66/1122 B29C66/21 B29C66/305 B29C66/83411

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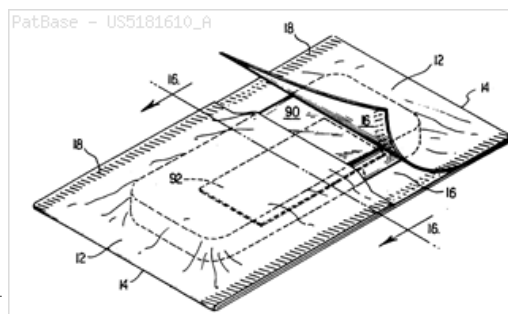
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European: B29C65/08 B29C66/83411 B31F5/02 B65D31/02 B65D65/42 B65D75/58F L29C65/02 L29C65/08D4 L29C66/1122

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US: 206/447 383/107 383/116 383/210 383/211 428/121 428/172 428/192 428/34.2 428/34.3 428/352



Family:

Publication number	Publication date	Application number	Application date
AT150725 E	19970415	AT19930911318T	19930514
AU199342495 A1	19931213	AU19930042495	19930514
CA2135766 AA	19941114	CA19932135766	19930514
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EP0639147 B2	19990804	EP19930911318	19930514
ES2102033 T3	19970716	ES19930911318T	19930514
ES2102033 T5	20000101	ES19930911318T	19930514
GR3023559 T3	19970829	GR19970401210T	19970526
GR3031656 T3	20000229	GR19990402745T	19991027
JP3228748 B2	20011112	JP19940503767T	19930514
JP8501043 T2	19960206	JP19940503767T	19930514
KR100295597 B1	20011122	KR19940704079	19941115
US5181610 A	19930126	US19920883747	19920515
US5474818 A	19951212	US19930009486	19930126
WO9323310 A1	19931125	WO1993US04597	19930514

Priority:

US19920883747 19920515 US19930009486 19930126 WO1993US04597 19930514

Probable Assignee: PACKAGING DYNAMICS CORP

Assignee(s): (std): INT PAPER CO

Assignee(s): INTERNATIONAL PAPER ; INTERNATIONAL PAPER CO ; INT PAPER CO A CORP OF NY ; INTERNATIONAL PAPER CO PURCHASE N Y US ; INTERNATIONAL PAPER CO PURCHASE ; THILMANY LLC ; JEFFERIES BABSON FINANCE LLC AS ADMINISTRATIVE AGE ; MONDI PACKAGING AKROSIL LLC ; THILMANY INC ; PACKAGING DYNAMICS CORP ; INTERNATIONAL PAPER COMPANY ; JEFFERIES BABSON FINANCE LLC ADMINISTRATIVE AGENT ; JEFFERIES BABSON FINANCE LLC ADMINISTRATIVE AGENT AS ; QUICK JAMES R ; ULRICH HELGA H ; GORDON ROBERT L ; HESS BARRY L ; INT PAPER

Inventor(s): (std): BARRY L HESS ; GORDON ROBERT ; GORDON ROBERT L ; HELGA H ULRICH ; HESS BARRY ; HESS BARRY L ; JAMES R QUICK ; QUICK JAMES R ; ROBERT L GORDON ; ULRICH HELGA ; ULRICH HELGA H

Agent(s): SHAPIRO COHEN

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

Title: SOFT, STRONG, ABSORBENT MATERIAL FOR USE IN ABSORBENT ARTICLES

Abstract: Source: US2001031358A An absorbent material that can be used as an absorbent core in absorbent articles such as disposable diapers, feminine hygiene products and incontinence devices is provided. An absorbent material of this invention contains cellulosic fibers at least a portion of which cellulosic fibers have a relative crystallinity of less than about 65 percent. The

absorbent material has superior absorptive, strength, and suppleness properties when compared to existing core materials. The material can be air-laid in one or more layers.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61F13/49 A61F13/53 A61F5/44 A61L15/00 A61L15/28 A61L15/42 A63H3/46 B32B5/00 D04H1/04 D04H1/40 D04H1/42 D04H1/70 D04H13/00 D06M11/00 D06M13/00 D06M23/00 D06P3/60 D21C3/02 (Advanced/Invention); A61F13/00 A61F5/44 D04H1/70 D06M11/00 (Advanced/Non-invention); A61F13/00 A61F13/15 A61F5/44 A61L15/16 B32B5/00 D04H1/00 D04H1/40 D04H1/42 D04H1/70 D04H13/00 (Core/Invention); A63H D06M D06P D21C (Subclass/Invention)

International (IPC 1-7): A61F13/00 A61F13/15 A61F13/49 A61F13/53 A61F5/44 A61L15/00 A61L15/22 A61L15/42 A63H3/46 B27N3/04 B32B1/00 B32B21/02 B32B21/10 B32B23/00 B32B5/00 B32B7/02 D02G3/00 D04H1/04 D04H1/40 D04H1/70 D06M11/00 D06M13/00 D06M23/00 D06P3/60 D21C3/02 D21H13/02
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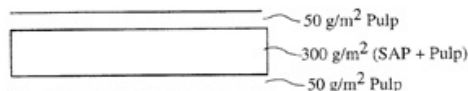
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US: 162/146 162/157.6 162/164.1 264/112 264/112S 264/121 264/121S 264/122 264/122P 264/51 264/510 264/510S 264/518 264/518S 428/124 428/219 428/219S 428/393 428/393P 428/913 442/381 442/385 442/385S 442/393 442/412 442/413 442/417

PatBase - US2001031358_00

Diapers and Incontinence Products:

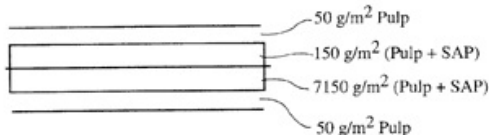
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Three Strata



10% SAP

Four Strata



20% or 40% SAP

Family:

Publication number	Publication date	Application number	Application date
AR015569 AA	20010516	AR1998P100192	19980116
AR019353 AA	20020213	AR1999P103333	19990708
AT263262 E	20040415	AT19980904557T	19980115
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US5916670 A	19990629	US19970948987	19971010
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WO0118302 A1	20010315	WO2000US22405	20000815
WO9831858 A2	19980723	WO1998US00639	19980115
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ZA200201480 A	20030521	ZA20020001480	20020221

Priority:

EP19980904557	19980115	US19970784536	19970117	US19970948987	19971010
WO1998US00639	19980115	US20010829133	20010409	US19990341340	19990708
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WO2000US22405	20000815				

Probable Assignee: EAM CORP
Assignee(s): (std): EAM CORP ; RAYONIER INC ; RAYONIER PRODUCTS AND FINANCIAL ; TAN EROL ; ABITZ PETER R ; CHINAI KAYS ; RAYONIER PRODUCTS AND FINANCIAL SERVICES CO ; RAYONIER PROD AND FNCL SERV CO
Assignee(s): SUMNER KIMBERLY W ; VARNEY DAVID S ; SUNTRUST BANK ; RAYONIER PRODUCTS AND FINANCIAL SERVICES CO FERNANDINA BEACH ; RAYONIER PRODUCTS AND FINANCIA ; CIT HEALTHCARE LLC ; RAYONIER PRODUCTS AND FINANCIAL SERVICE CO ; RAYNIER PRODUCTS 501 CENTRE STREET FERNANDINA BEACH ; RAYNIER PRODUCTS AND FINANCIAL SERVICES CO ; RAYNIER PRODUCTS ; FINANCIAL SERVICES CO ; HARLEN STEVEN SCOTT ; RANGACHARI KRISHNAKUMAR
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Inventor(s): K RANGACHAIR ; K CHINAI ; KAYS CHINAI ; DAVID S VARNEY ; SS HARLEN ; S S HARLEN ; TAN EROL HARLEN STEVEN SCOTT RANGACHARI ; TAN EROL HARLEN STEVEN SCOTT RANGACHARI KRISHNAKUM ; TAN EROL HARLEN STEVEN SCOTT RANGACHARI KRISHNAKUMAR SUMNER KIMBERLY W ; P R ABITZ ; PETER R ABITZ ; PR ABITZ ; E TAN
Agent(s): FETHERSTONHAUGH AND CO
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

5) Family number: 2863138 (US4900320A)

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Title: Sanitary napkin with panty gathering flaps

Abstract: Source: US4900320A An improved sanitary napkin is provided which protects the user's undergarment from wetting. The napkin is provided with two flaps each affixed to the garment facing side of the napkin and each extending in a direction transverse to the longitudinal edge of the napkin and adapted to encircle the crotch portion of the undergarment. The flaps are affixed to the garment facing side of the napkin at an affixation point inward from the longitudinal edge of the napkin so that when encircling the crotch portion, the edges of the crotch portion of the undergarment are gathered under the napkin and the napkin acts as a shield to prevent wetting.

Classifications:

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

A61F13/15 A61F13/56 (Core/Invention)

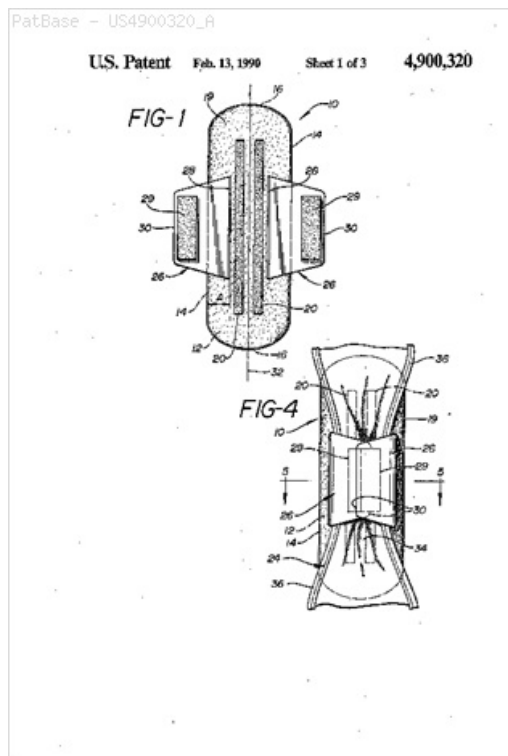
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A61F13/18 A61F13/56 A61F13/58 A61F13/62 A61F5/44 A61F5/451 B32B

CPC: A61F13/476 A61F13/5616 A61F2013/583

European: A61F13/476 A61F13/56B4 K61F13/15F2 K61F13/58D

US: 604/385.04 604/387 604/389



Family:

Publication number	Publication date	Application number	Application date
AT72960 E	19920315	AT19870108613T	19870615
AU198774156 A1	19871217	AU19870074156	19870612
AU612110 B2	19910704	AU19870074156	19870612
BRPI8703035 A	19880308	BR1987PI03035	19870616
CA1286855 A1	19910730	CA19870539696	19870615
CA1286855 F	19910730	CA19870539696	19870615
DE3776979 D1	19920409	DE19873776979	19870615
EP0249924 A1	19871223	EP19870108613	19870615
EP0249924 B1	19920304	EP19870108613	19870615
ES2029241 T3	19920801	ES19870108613T	19870615
GR870934 B	19871019	GR19870100934	19870615
JP2137759 C3	19980807	JP19870147180	19870615

JP63003858 A2	19880108	JP19870147180	19870615
JP7112481 B4	19951206	JP19870147180	19870615
MX172123 B	19931206	MX19870006940	19870616
NO872479 A	19871217	NO19870002479	19870615
NO872479 A0	19870615	NO19870002479	19870615
NZ220572 A	19891128	NZ19870220572	19870604
PH24080 A	19900305	PH19870035404	19870615
PT85087 A	19870701	PT19870085087	19870616
PT85087 B	19900308	PT19870085087	19870616
US4900320 A	19900213	US19860874978	19860616
US4900320 C1	20010703	US19860874978	19860616
ZA8704293 A	19890125	ZA19870004293	19870615

Priority:

CA19870539696 19870615 EP19870108613 19870615 EP19870108613 19870615
US19860874978 19860616

Probable Assignee: MCNEIL PPC INC

Assignee(s): (std): JOHNSON AND JOHNSON ; MCNEIL PPC INC ; PERSONAL PRODUCTS CO

Assignee(s): PERSONAL PRODUCTS COMPANY ; PERSONAL PROD CO ; MCNEIL PPC INC MILLTOWN N J US ; MCCOY SHERILYN S

Inventor(s): (std): MCCOY S S ; MCCOY SHERILYN S ; MCCOY SHERLYN SLAUSON ; SLAUSON SHERILYN S MCCOY ; SHIERIRIN SUROOSON MATSUKOI ; SHERILYN SLAUSON MCCOY ; SHERILYN S MCCOY ; MCCOY SHERILYN SLAUSON

Inventor(s): SHERIRIN SUROOSON MATSUKOI ; SHERILYN S MCCOY SLAUSON ; SHERLYN SLAUSON MCCOY

Agent(s): GRIFFITH HACK; OGILVY RENAULT LLP SENCRL SRL

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

6) Family number: 32223825 (US2005203478A)

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Title: DISPOSABLE ABSORBENT ARTICLES WITH IMPROVED PEEL FORCE ON HYDROPHOBIC GARMENT MATERIALS, PARTICULARLY MICROFIBRE MATERIALS

Abstract: Source: US2005203478A The present invention relates to an absorbent article for personal hygiene, especially a sanitary napkin, panty liner and the like, comprising an adhesive for securing said article to the garments of a wearer. Said adhesive is capable to establish a bonding of the garment-facing surface of said absorbent article to the garment of the wearer, which is able to resist a peel force of at least 0.6 N per 5 cm, according to the test method herein, on a reference microfibre substrate.

Classifications:

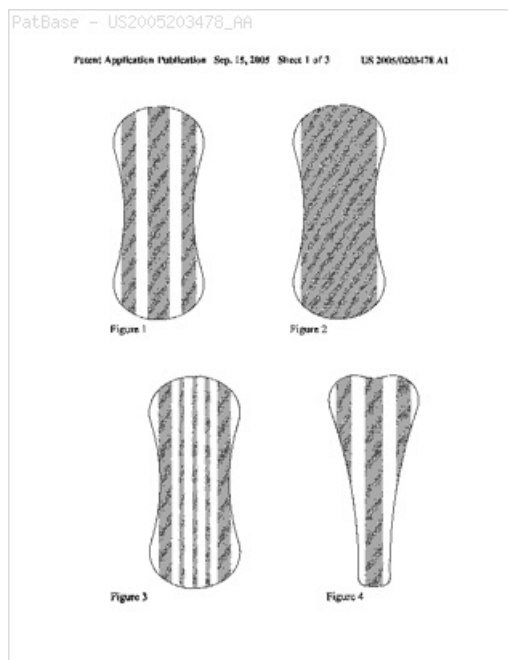
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/56 A61L15/16 A61L15/42 A61L15/58 (Advanced/Invention); A61L15/16 A61L15/42 A61L15/58 (Advanced/Non-invention); A61F13/56 A61L15/16 (Core/Invention)

International (IPC 1-7): A61F13/15 A61L15/42 A61L15/58

CPC: A61L15/42 A61L15/58 A61L15/585 A61F13/15 C08L83/04

European: A61L15/42 A61L15/58

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



Family:

Publication number	Publication date	Application number	Application date
BRPI0508499 A	20070731	BR2005PI08499	20050309
CA2559071 AA	20060908	CA20052559071	20050309
CA2559071 C	20111101	CA20052559071	20050309
CN1929876 A	20070314	CN200580007722	20050309
CN1929876 B	20110803	CN200580007722	20050309
EP1574226 A1	20050914	EP20040005535	20040309
IN05070DN2006 A	20070713	IN2006DN05070	20060901
IN246085 B	20110218	IN2006DN05070	20060901
JP2007527301 T2	20070927	JP20070502118T	20050309

JP4510074 B2	20100721	JP20070502118T	20050309
KR20070017135 A	20070208	KR20067018277	20060907
MXPA06009870 A1	20070814	MX2006PA09870	20050309
US2005203478 AA	20050915	US20050073959	20050307
US7842022 BB	20101130	US20050073959	20050307
WO05087281 A1	20050922	WO2005US08051	20050309

Priority:

EP20040005535 20040309 KR20067018277 20060907 WO2005US08051 20050309

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): GAGLIARDI IVANO ; PROCTER AND GAMBLE ; ROSATI RODRIGO ; VEGILO PAOLO ; CARLUCCI GIOVANNI

Assignee(s): D ADDARIO ROBERTO ; THE PROCTER AND GAMBLE COMPANY ; VEGLIO PAOLO ; PROCTER AND GAMBLE CO

Inventor(s): (std): PAOLO VEGLIO ; ROBERTO VEGLIO PAOLO GAGLIARDI ; RODRIGO ROSATI ; ROSATI RODRIGO ; VEGILO PAOLO ; VEGLIO PAOLO ; GAGLIARDI IVANO ; GIOVANNI CARLUCCI ; IVANO GAGLIARDI ; CARLUCCI GIOVANNI ; D ADDARIO ROBERTO

Inventor(s): D'ADDARIO ROBERTO ; PAOLO VEGILO ; VEGLIO PAOLO GAGLIARDI IVANO ROSATI RODRIGO ; VEGLIO PAOLO GAGLIARDI IVANO ROSATI RODRIGO CARLUC

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION; AMANDA T; ANDREW J; GARY J

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

7) Family number: 33475374 (US2006229411A)

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Title: HOT MELT PRESSURE SENSITIVE ADHESIVES BASED ON BLENDS OF STYRENE/BUTADIENE COPOLYMERS

Abstract: Source: US2006229411A Hot melt pressure sensitive adhesives useful in a wide range of end-use applications may be formulated without the use of isoprene-containing polymers using combinations of different styrene/butadiene copolymers including at least one S-B-S triblock copolymer.

Classifications:

International (IPC 8-9): C08L53/00 (Advanced/Invention);

C08L53/00 (Core/Invention)

CPC: C08L9/06 C08L53/02 C08L2205/02 C09J153/02

European: C09J153/02 M08L205/02 M08L53/02 M08L9/06

US: 525/88 525/88P

Family:

Publication number	Publication date	Application number	Application date
US2006229411 AA	20061012	US20050100056	20050406
WO06107763 A2	20061012	WO2006US11990	20060403
WO06107763 A3	20071115	WO2006US11990	20060403

Priority:

US20050100056 20050406

Probable Assignee: HENKEL CORP

Assignee(s): (std): GILLEN JASON D ; HATFIELD STEPHEN ; HENKEL CORP ; ZHANG DAVID WEI

Inventor(s): (std): GILLEN JASON D ; HATFIELD STEPHEN ; ZHANG DAVID WEI

Inventor(s): GILLEN JASON

Agent(s): HENKEL CORP

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

8) Family number: 34574733 (US4589876A)

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Title: SANITARY NAPKIN

Abstract: Source: US4589876A A sanitary napkin. The sanitary napkin comprises a central absorbent pad and flaps extending from each longitudinal edge of the central absorbent pad. The body of each flap contains a flexible axis about which the flap can fold on itself. The sanitary napkin preferentially bends at the line of juncture between each flap and the longitudinal edge of the central absorbent pad. When the sanitary napkin is in a panty for use, each flap bends upwardly at the lines of juncture between the flaps and the longitudinal edges of the central absorbent pad to form the base of a wall. This wall extends to the flexible axis in the body of the flap which is folded around the edge of the crotch portion of the panty. The sanitary napkin of the present invention provides effective protection to the user during the menstrual period by preventing body and clothing soiling while being comfortable to wear.

Classifications:

International (IPC 8-9): A41B13/00 A61F13/15 A61F13/472 A61F13/514

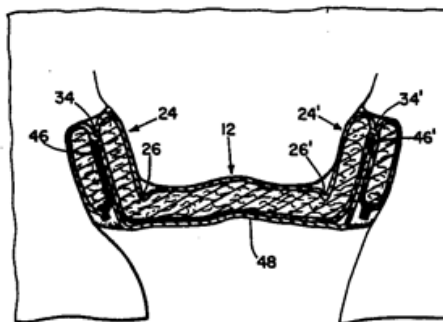
A61F13/53 A61F13/56 (Advanced/Invention);

A41B13/00 A61F A61F13/15 A61F13/56 (Core/Invention);

A61F (Subclass/Invention)

International (IPC 1-7): A41B13/00 A41B13/02 A61F13/00 A61F13/15 A61F13/16 A61F13/18 A61F13/20 A61F13/56 A61F13/74 B32B3/10 B32B5/26
CPC: Y10T442/659 Y10T442/674 Y10T442/675 Y10T442/678 A61F13/511 A61F13/5116 A61F13/51121 A61F13/513 A61F13/51305 A61F13/4752 A61F13/476 A61F13/537 A61F13/5616 A61F13/58 A61F2013/49076 A61F2013/51409 A61F2013/530131 A61F2013/53721 A61F2013/583
European: A61F13/475A1 A61F13/476 A61F13/513B A61F13/56B4 K61F13/15F2 K61F13/15F3 K61F13/49H5 K61F13/511E1 K61F13/511F K61F13/514A4 K61F13/537 K61F13/537B5 K61F13/53M K61F13/58 K61F13/58D
US: 442/381 442/394 442/395 442/398 604/385.01 604/385.04 604/385.05 604/385.1 604/385R 604/387 604/389 604/393 D24/125

PatBase - US4589876_A



Family:

Publication number	Publication date	Application number	Application date
AT31017 E	19871215	AT19840304594T	19840705
AT39838 E	19890115	AT19840304595T	19840705
AU198430265 A1	19860109	AU19840030265	19840704
AU198430274 A1	19850926	AU19840030274	19840704
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AU579829 B2	19881215	AU19840030265	19840704
CA1232702 A1	19880216	CA19840458045	19840704
CA1232703 A1	19880216	CA19840458046	19840704
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DE3476022 D1	19890216	DE19843476022	19840705
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EP0130848 A3	19850410	EP19840304594	19840705
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EP0134086 A1	19850313	EP19840304595	19840705
EP0134086 B1	19890111	EP19840304595	19840705
ES280382 U	19851201	ES19840280382U	19840704
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FI88457 C	19930525	FI19910005050	19911025
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FI915050 A0	19911025	FI19910005050	19911025
GB2143439 A1	19850213	GB19840017142	19840705
GB2143439 B2	19861210	GB19840017142	19840705
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GB2161384 B2	19880727	GB19840017143	19840705
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HK72790 A	19900921	HK19900000727	19900913
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IE55471 B	19900926	IE19840001707	19840704
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JP2693050 B2	19971217	JP19910060796	19910104
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JP5091640 U1	19931214	JP19920050708U	19920720
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JP60199446 A2	19851008	JP19840139729	19840705
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MX160903 A	19900612	MX19840201898	19840704
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NO163164 C	19900425	NO19840002702	19840704
NO842701 A	19850107	NO19840002701	19840704
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PH22856 A	19890119	PH19840030914	19840703
PH24556 A	19900803	PH19840030915	19840703
SA189 B1	20040726	SA19900100198	19900502
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US4589876 A	19860520	US19840591621	19840320
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US5267992 A	19931207	US19870054716	19870522
US5489283 A	19960206	US19930160522	19931201
US6004893 A	19991221	US19960706115	19960830
US6746435 BA	20040608	US19950570281	19951211

Priority:

CA19840458045	19840704	CA19840458046	19840704	EP19840304594	19840705
EP19840304595	19840705	FI19840002685	19840704	FI19840002686	19840704
KR19880017343U	19881026	KR19840007239U	19840726	US19830591620	19830320
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JP19840139728	19840705	JP19840139729	19840705	US19960706115	19960830
US19950570281	19951211	US19930160522	19931201	US19840591630	19840320
US19870054716	19870522	US19850789914	19851017		

Probable Assignee: PROCTER AND GAMBLE

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

Assignee(s): PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO A CORP OF OH ; PROCTER AND GAMBLE CO CINCINNATI OH A CORP OF OH ; PROCTER AND GAMBLE CO THE ; PROCTER AND GAMBLE COMP ; PROCTOR AND GAMBLE CO ; THE PROCTOR AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; PROCTER AND GAMBLE COMPANY THE ; PROCTER AND GAMBLE COMP THE ; THE PROCTOR AND GAMBLE CO ; VAN TILBURG KEES J

Inventor(s): (std): KEES J VAN TILBURG ; KEES JOHANNES VAN TILBURG ; KIISU YOHANESU BAN TEIRUBAAGU ; TILBURG KEES J VAN ; TILBURG KEES JOHANNES VAN ; TILLBURG KEES J ; VAN TILBURG KEES J ; VAN TILLBURG KEES J

Inventor(s): KEES J VAN TILBURG

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SIM AND MCBURNEY

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

9) Family number: 42258186 (US2010056726A)

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Title: STABILIZER POLYMER AND COATING COMPOSITIONS THEREOF

Abstract: Source: US2010056726A A stabilizer polymer and coating compositions containing the stabilizer polymer are provided. The stabilizer polymer preferably includes a polyester backbone and a plurality of carbon-carbon double bonds. A coating composition is provided that preferably includes the stabilizer polymer, an acrylic component, and a thermoplastic dispersion. In a preferred embodiment, the acrylic component is included in the stabilizer polymer.

Classifications:

International (IPC 8-9): B05D3/02 B32B27/06 B32B27/36 C08L33/08 C09D167/07 (Advanced/Invention);

B05D3/02 B32B27/06 B32B27/36 C08L33/00 (Core/Invention)

CPC: C09D167/07

European: C09D167/07

US: 427/385.5 427/385.500S 525/165 525/166 525/167.5 525/222 525/222P 525/239 525/418 525/55 525/63

Family:

Publication number	Publication date	Application number	Application date
EP2134543 A1	20091223	EP20080744777	20080331
EP2134543 A4	20120926	EP20080744777	20080331
EP2134543 B1	20161228	EP20080744777	20080331
US2010056726 AA	20100304	US20080594019	20080331
US8481645 BB	20130709	US20080594019	20080331
WO08121959 A1	20081009	WO2008US58899	20080331

Priority:

US20070909621P 20070402 US20080594019 20080331 WO2008US58899 20080331

Probable Assignee: VALSPAR SOURCING INC

Assignee(s): (std): PAYOT NICOLAS ; PROUVOST BENOIT ; SION GEORGES ; STENSON PAUL ; VALSPAR SOURCING INC

Inventor(s): (std): PAYOT NICOLAS ; PROUVOST BENOIT ; SION GEORGES ; STENSON PAUL

Agent(s): VOSSIUS AND PARTNER; VOSSIUS AND PARTNER PATENTANWALTE RECHTSANWALTE MBB; VALSPAR SOURCING INC; BRIAN R; WESTMAN CHAMPLIN AND KELLY PA; DEMASTER ANDREW

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

10) Family number: 42970472 (US2010210163A)

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Title: HOT MELT ADHESIVES CONTAINING STYRENE BUTADIENE BLOCK COPOLYMER

Abstract: Source: US2010210163A Hot melt adhesive compositions containing hyper-branched SBS block copolymers and end use applications thereof. The hyper-branched SBS is characterized in having a ratio between light-scattering molecular weight (of non-di-block polymer) and GPC molecular weight (of non-di-block polymer) greater than 1.4 and having ratio between light scattering molecular weight molecular weight (of non-di-block polymer) and light scattering molecular weight molecular weight (of di-block polymer) greater than 5. The ratio between light scattering molecular weight MW (of non-di-block polymer) and light scattering molecular weight MW (of di-block polymer) also defines the number of arms for the hyper branched structure. The weight average molecular weight of each arm of the hyper-branched SBS block copolymer is less than about 100,000. These are multipurpose adhesives finding utility as packaging, labeling, construction and positioning adhesives, and are particularly well suited for use as elastic attachment adhesives in the manufacture of elastic-containing products, such as disposable absorbent elastic articles.

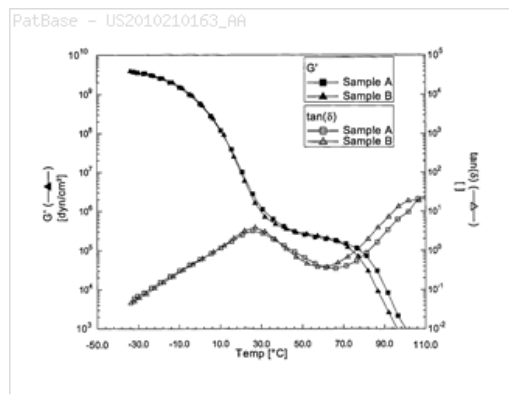
Classifications:

International (IPC 8-9): A61F13/15 B32B27/04 B60C1/00 C08L53/02 C08L63/02 C09J11/06 C09J153/00 C09J153/02 C09J191/06 C09J201/00 D02G3/00 (Advanced/Invention); C08L53/02 C09J153/02 C09J201/00 (Advanced/Non-invention); A61F13/15 B32B27/04 C08L53/00 C08L63/00 C09J153/00 C09J201/00 D02G3/00 (Core/Invention)

CPC: Y10T428/2883 Y10T428/2933 C08L53/025 C08L53/02 C09J153/02 C09J153/025 Y10T428/31931 Y10T442/2738

European: C08L53/02 C08L53/02B C09J153/02 C09J153/02B

US: 428/355BL 428/375 428/375S 428/521 442/149 442/149P 524/505 524/505S 524/575 525/98 525/98S 604/365 604/365S



Family:

Publication number	Publication date	Application number	Application date
CN101802089 A	20100811	CN200880107938	20080814
CN101802089 B	20130911	CN200880107938	20080814
DE602008029011 D1	20140123	DE200860029011T	20080814
EP2178974 A1	20100428	EP20080797853	20080814
EP2178974 B1	20131127	EP20080797853	20080814
ES2444894 T3	20140227	ES20080797853T	20080814
JP2010536957 T2	20101202	JP20100521167T	20080814
JP5570983 B2	20140813	JP20100521167T	20080814
KR101331701 B1	20131120	KR20107005830	20080814
KR20100070328 A	20100625	KR20107005830	20080814
PT2178974 T	20140221	PT20080797853T	20080814
US2010210163 AA	20100819	US20100705742	20100215
US8378015 BB	20130219	US20100705742	20100215
WO09026085 A1	20090226	WO2008US73103	20080814

Priority:

EP20080797853 20080814 US20070007923 20070817 US20070007923P 20070817
WO2008US73103 20080814 US20100705742 20100215

Probable Assignee: HENKEL AND CO KGAA AG

Assignee(s): (std): HARWELL MICHAEL G ; HE QIWEI ; HENKEL AG AND CO KGAA ; HENKEL AND CO KGAA AG ; HENKEL KGAA ; MEHAFFY JUSTIN ; HU YUHONG ; POLLOCK ALETHEA

Inventor(s): (std): HARWELL MICHAEL G ; HE QIWEI ; HU YUHONG ; MEHAFFY JUSTIN ; POLLOCK ALETHEA ; YUHONG HU ; QIWEI HE ; JUSTIN MEHAFFY ; ALETHEA POLLOCK

Inventor(s): POLLOCK ALETHEA FRANKLIN PARK ; MEHAFFY JUSTIN HAMPTON ; HU YUHONG BELLE MEAD ; HE QIWEI BELLE MEAD ; MICHAEL G HARWELL

Agent(s): ISERN JORGE; HENKEL CORP; SUN HEE; FOULKE CYNTHIA L ET AL

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

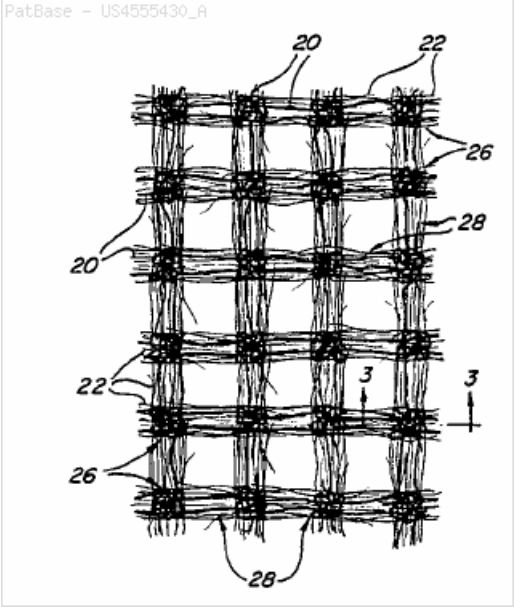
11) Family number: 4909453 (US4555430A)

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Title: ENTANGLED NONWOVEN FABRIC MADE OF TWO FIBERS HAVING DIFFERENT LENGTHS IN WHICH THE SHORTER FIBER IS A CONJUGATE FIBER IN WHICH AN EXPOSED COMPONENT THEREOF HAS A LOWER MELTING TEMPERATURE THAN THE LONGER FIBER AND METHOD OF MAKING SAME

Abstract: Source: US4555430A There is disclosed a fabric made up of short conjugate fusible fibers and longer, base fibers. The conjugate fibers have an exposed low melting point component having a lower melting point than the remainder of said fibers and said base fibers. In the method of the present invention, a web of short conjugate fibers and longer base fibers is passed through an entangling mechanism where the short fusible fibers are concentrated and intertwined in heavily entangled knot areas. The entangled web is heated to thermobond at least the low melting point component of the conjugate fibers to each other and preferably to the surrounding base fibers to reinforce and strengthen the fabric.

Classifications:
International (IPC 8-9): D04H1/46 D04H1/54 (Advanced/Invention); D04H1/46 D04H1/54 (Core/Invention)
International (IPC 1-7): B32B3/10
CPC: Y10T428/24273 Y10T428/24298 Y10T428/24603 Y10T428/24942 Y10T428/2929 Y10T442/608 Y10T442/638 Y10T442/64 D04H1/54 D04H1/49
European: D04H1/46B D04H1/54
US: 28/103 28/104 28/112 428/131 428/134 428/171 428/212 428/224 428/288 428/296 428/297 428/299 428/373 442/334 442/362 442/363



Family:

Publication number	Publication date	Application number	Application date
US4555430 A	19851126	US19840641144	19840816

Priority:

US19840641144 19840816

Probable Assignee: CHICOPEE INC

Assignee(s): (std): CHICOPEE

Assignee(s): CHASE MANHATTAN BANK (NATIONAL ASSOCIATION) ; CHASE MANHATTAN BANK (THE) ; CHASE MANHATTAN BANK NATIONAL ASSOCIATION ; CHASE MANHATTAN BANK THE ; MCNEIL PPC INC ; JPMORGAN CHASE BANK ; DOMINION TEXTILE INC ; FABPRO ORIENTED POLYMERS INC ; FABRENE CORP ; FABRENE GROUP LLC ; FIBERGOL CORP ; FIBERTECH GROUP INC ; FNA ACQUISITION INC ; FNA POLYMER CORP ; LORETEX CORP ; PGI EUROPE INC ; CITICORP NORTH AMERICA INC FIRST LIEN COLLATERAL A ; DOMINION TEXTILE (USA) INC ; DOMINION TEXTILE USA INC ; CITICORP NORTH AMERICA INC FIRST LIEN COLLATERAL AGENT AS ; WILMINGTON TRUST CO ; PGI POLYMER INC ; PNA CORP ; POLY BOND INC ; POLYLONIX SEPARATION TECHNOLOGIES INC ; POLYMER GROUP INC ; PRISTINE BRANDS CORP ; TECHNETHICS GROUP INC ; WILMINGTON TRUST CO SECOND LIEN COLLATERAL AGENT A ; WILMINGTON TRUST CO SECOND LIEN COLLATERAL AGENT AS ; BONLAM (SC) INC ; BONLAM INC ; BONLAM SC INC ; CHASE MANHATTAN BANK ; CHICOPEE A NJ CORP ; CHICOPEE INC ; CITICORP NORTH AMERICA INC

Inventor(s): (std): MAYS ALFRED T

12) Family number: 5093269 (US4608047A)

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Title: Sanitary napkin attachment means

Abstract: Source: US4608047A This invention provides a sanitary napkin of the type emplacement in the inner crotch portion of an undergarment. The napkin comprises a central absorbent element having flaps extending from each of its longitudinal edges. The flaps extend to a sufficient length to allow the flaps to overlie the outer crotch portion of an undergarment with the flaps being sufficiently drapable so as to allow each to fold about the crotch portion at any of an infinite number of lines lying essentially parallel to the junction line between the absorbent element and each flap. Accordingly, when the sanitary napkin is applied to crotch portions of varying width, the napkin will conform to the dimensions of the crotch and be emplaced without wrinkling.

Classifications:

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

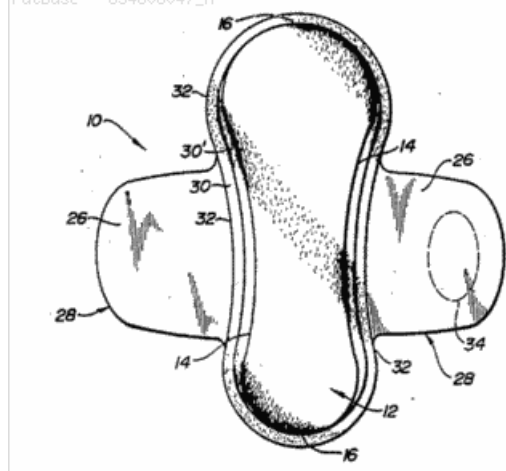
International (IPC 1-7): A61F13/16

CPC: A61F13/4757 A61F13/476 A61F13/534 A61F13/5514 A61F13/5616 A61F2013/4587 A61F2013/4708 A61F2013/51409 A61F2013/53445 A61F2013/55195 A61F2013/8402

European: A61F13/475A4 A61F13/476 A61F13/551B2B A61F13/56B4 K61F13/15C3D1 K61F13/15E2 K61F13/15E2A K61F13/15F2 K61F13/15H1 K61F13/15H2A K61F13/45D K61F13/47D K61F13/514A4 K61F13/534 K61F13/534C K61F13/551J K61F13/84A

US: 604/387 D24/125

PatBase - US4608047_R



Family:

Publication number	Publication date	Application number	Application date
US4608047 A	19860826	US19850737755	19850528

Priority:

US19850737755 19850528

Probable Assignee: MCNEIL PPC INC

Assignee(s): (std): PERSONAL PRODUCTS CO

Assignee(s): PERSONAL PRODUCTS COMPANY ; MCNEIL PPC INC

Inventor(s): (std): MATTINGLY WILLIAM B

13) Family number: 51431637 (US2012172214A)

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Title: SHEET MATERIALS CONTAINING S-B-S AND S-I/B-S COPOLYMERS

Abstract: Source: US2012172214A A sheet material that includes an elastic component or material (e.g., film, nonwoven web laminated to the elastic component, etc.) is provided. The elastic component is formed from a styrenic block copolymer composition containing from about 10 weight percent to about 90 weight percent of styrene-butadiene-styrene block copolymer; and from about 10 wt percent to about 90 weight percent of styrene-isoprene/butadiene-styrene block copolymer. The styrenic block copolymer composition has good viscosity stability during extrusion and thus may be readily formed into an elastic sheet material. The elastic sheet material may be subsequently crosslinked to achieve the desired elastic and mechanical properties.

Classifications:

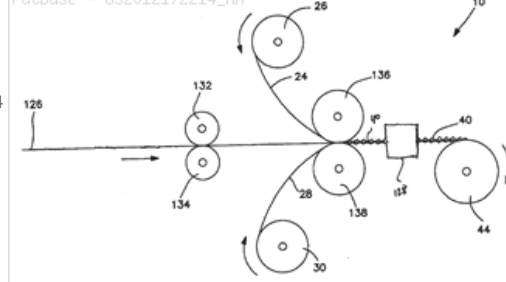
International (IPC 8-9): A61F13/00 B01J20/26 B29C47/00 B32B27/12 C08F236/06 C08F236/08 C08F236/10 C08F279/02 C08J3/28 C08J5/18 C08L25/10 C08L53/02 (Advanced/Invention)

CPC: B29C47/0004 B29C47/0014 B29C47/30 C08L53/02 C08L2205/02 B01J20/267 B01J20/28033 B01J20/28052 B32B5/022 B32B5/18 B32B5/24 B32B5/245 B32B25/10 B32B25/14 B32B25/16 B32B27/12 B32B27/302 B32B2262/0207 B32B2262/023 B32B2262/0238 B32B2262/0246 B32B2262/0253 B32B2262/0276 B32B2262/0284 B32B2262/0292 B32B2262/04 B32B2266/0207 B32B2307/51 B32B2432/00 B32B2437/00 B32B2555/00 B32B2555/02 C08J5/18 C08J2353/02 C08J2453/02 B32B2309/14 Y10T428/31931 Y10T442/678 Y10T428/249921

European: B01J20/26K4 B01J20/28D24 B01J20/28D40 B32B25/10 B32B25/14 B32B25/16 B32B27/12 B32B27/30A B32B5/02A B32B5/18 B32B5/24 B32B5/24A C08J5/18 L32B262/02B L32B262/02D1 L32B262/02D2 L32B262/02F L32B262/02H L32B262/02L L32B262/02L1 L32B262/02M L32B262/04 L32B266/02A L32B307/510 L32B432/00 L32B437/00 L32B555/00 L32B555/02 M08J353/02 M08J453/02

US: 156/244.11 156/244.110S 156/244.23 156/244.230S 428/221 428/521 442/398 442/398S 502/402 502/402P 521/139 521/139S 522/112 522/112S 525/332.9 525/332.900S 525/88 604/365 604/366 604/372

PatBase - US2012172214_AA



Family:

Publication number	Publication date	Application number	Application date
AU2011350922 AA	20120705	AU20110350922	20111201
AU2011350922 BB	20150611	AU20110350922	20111201
BR112013016108 A2	20160920	BR20131116108	20111201
CN103298880 A	20130911	CN201180063438	20111201
CN103298880 B	20150909	CN201180063438	20111201
EP2661468 A2	20131113	EP20110853946	20111201
EP2661468 A4	20150902	EP20110853946	20111201
KR101479438 B1	20150105	KR20137019850	20111201

KR20140008334 A	20140121	KR20137019850	20111201
MX2013007442 A1	20130722	MX20130007442	20111201
US2012172214 AA	20120705	US20100982033	20101230
US8604129 BB	20131210	US20100982033	20101230
WO12090094 A2	20120705	WO2011B55419	20111201
WO12090094 A3	20120823	WO2011B55419	20111201

Priority:

US20100982033 20101230 WO2011B55419 20111201

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; THOMAS OOMMAN P

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): THOMAS OOMMAN P

Inventor(s): OOMMAN P THOMAS

Agent(s): SPRUSON AND FERGUSON; ZIMMERMANN AND PARTNER; RICHARD M; PATRICK C; SHANE RICHARD M ET AL

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

14) Family number: 59402801 (US2016304755A)

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Title: MULTI-PHASE POLYMER COMPOSITION

Abstract: Source: US2016304755A Multi-phase polymer composition comprising a comb polymer (A) which forms a continuous acrylate phase and a discontinuous hydrocarbon phase, and at least one hydrocarbon compound (B) which is soluble in the hydrocarbon phase of the comb polymer (A), an adhesive mass comprising the multi-phase polymer composition.

Classifications:

International (IPC 8-9): B32B37/12 C08F220/06 C08F220/18 C08F255/10 C08F290/04 C08K5/01 C08L23/00 C08L23/02 C08L33/04 C08L35/02 C08L51/06 C08L55/00 C08L91/00 C09J11/06 C09J11/08 C09J123/00 C09J133/00 C09J133/04 C09J135/02 C09J151/06 C09J157/00 C09J191/00 (Advanced/Invention)

CPC: C08F255/10 C08L91/00 C08L2205/02 C08L2207/02 C09J191/00 C08F220/06 C08F220/18 C08F2220/10 B32B37/12 B32B2309/02 C09J151/06 C08L51/06

US: 156/334

Family:

Publication number	Publication date	Application number	Application date
CN105916901 A	20160831	CN201480073314	20141030
DE102013224772 A1	20150603	DE201310224772	20131203
EP3077431 A1	20161012	EP20140790627	20141030
JP2017505354 T2	20170216	JP20160536197T	20141030
KR20160095046 A	20160810	KR20167017816	20141030
TW201529686 A	20150801	TW20140141375	20141128
US2016304755 AA	20161020	US20140100776	20141030
WO15082142 A1	20150611	WO2014EP73305	20141030

Priority:

DE201310224772 20131203 WO2014EP73305 20141030

Probable Assignee: TESA SE

Assignee(s): (std): TESA SE

Inventor(s): (std): PAPENBROOCK MARTEN ; PRENZEL ALEXANDER

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