

PatBase - Search results 12 October 2018

Search query (4): fn=(61132569:530 or 59104635:275 or 61132565:260 or 61132571:160 or 61132570:160 or 34959261:145 or 67075618:140 or 55049112:135 or 48216253:130 or 43272037:120 or 62728429:110 or 61132567:110 or 60173603:110 or 59436692:110 or 55189409:110 or 44935053:110 or 41938267:110 or 34579845:110 or 31717391:110 or 47633178:105 or 42908917:105 or 68414472:100 or 65471204:100 or 61132566:100 or 48438621:100 or 44935031:100 or 42462065:100 or 42111509:100 or 34329580:100 or 28332004:100 or 25042423:100 or 22730034:100 or 22083162:100 or 20288627:100 or 19686785:100 or 19535425:100 or 15386824:100 or 13426660:100 or 11718778:100 or 4728026:100 or 4318861:100 or 43543231:95 or 42442223:95 or 32062887:95 or 65471172:90 or 64981411:90 or 64827083:90 or 63911908:90 or 60460815:90 or 59089046:90 or 57415856:90 or 57094235:90 or 56667254:90 or 48841008:90 or 44933621:90 or 43815715:90 or 43681846:90 or 43552320:90 or 43470824:90 or 42984649:90 or 42390185:90 or 33647371:90 or 33644869:90 or 33152174:90 or 29473022:90 or 29421752:90 or 21459116:90 or 21250813:90 or 20860974:90 or 2401172:90 or 1173441:90 or 577701:90 or 532516:90 or 49950364:85 or 43576206:85 or 43179063:85 or 29958369:85 or 3779865:85 or 2071113:85 or 2071111:85 or 71242873:80 or 65366234:80 or 62297928:80 or 61901082:80 or 58404051:80 or 57467447:80 or 57226652:80 or 56392367:80 or 56340281:80 or 55624955:80 or 55409846:80 or 51343534:80 or 51038104:80 or 50073923:80 or 49007728:80 or 48463759:80 or 48312302:80 or 47637281:80 or 46414289:80 or 46398132:80)

Results: 100**Search history**

Search PN=(WO2015190969) (Results 1)

1:

Search [SP]: 1. a packaging unit for hygiene articles, the packaging unit being formed from a sheet of material comprising: a longitudinal direction and a transverse direction,said sheet having an inner surface and an outer surface,said inner surface comprising an edge zone that comprises an edge portion being provided with a resealable adhesive for closure of the packaging unit,said sheet having a longitudinal center line and at least one transversely extending folding axis,said folding axis dividing a first region of the sheet from a second region of the sheet,a portion of the sheet forms a single tab extending from the edge portion of the first region and at least partially along the center line,the single tab having two major surfaces being free of any adhesive for closure of the packaging unit, wherein the single tab extends in the longitudinal direction from said edge portion of the first region so that the single tab extends along or parallel to the center line from a tab base at said edge portion of the first region to an outer edge of the single tab at least 0.5 cm,said tab base being a transversal line that longitudinally divides the single tab with adhesive-free surfaces from a portion of the first region containing said resealable adhesive for closure of the packaging unit, to which resealable adhesive the tab base has a point of contact,wherein the outer surface of the first region forms an outer layer of the folded packaging unit, andwherein said sheet is folded along said at least one transversely extending folding axis such that said first region overlaps said second region, thereby providing a packaging unit of overlapping sheet layers, and the single tab protrudes outwardly from an edge defined by the overlapping sheet layers of the folded packaging unit such that the single tab does not overlap with any other portion of the packaging unit,wherein:the first region includes an inner edge portion and an outer edge portion of a first edge zone of said first region that is provided with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said first edge zone of said first region is adhesive-free andthe second region includes an inner edge portion and an outer edge portion of a first edge zone of said second region with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said edge zone of said second region is adhesive-free in a complementary manner to said first edge zone of said first region.2. a packaging unit according to claim 1, wherein said sheet is of substantially rectangular shape and comprises longitudinal edges and transverse edge portions, wherein the single tab is arranged at one of the transverse edge portions.3. the packaging unit according to claim 2, wherein said sheet has two folding axes, dividing said sheet into said first region, said second region and a third region.4. the packaging unit according to claim 3, wherein said sheet is folded along said two folding axes with said first region, said second and said third region in an overlapping configuration of three layers.5. packaging unit according to claim 1, wherein a transverse edge portion of the sheet comprises the resealable adhesive for closure of the packaging unit to which the tab base is in contact.6. the packaging unit according to claim 1, wherein a maximum extension of the single tab from the tab base is substantially along the center line.7. the packaging unit according to claim 1, wherein the single tab is tongue-shaped, and a tip of the tongue shape is arranged close to, or at, the center line.8. the packaging unit according to claim 1, wherein the sheet is a single-ply material.9. the packaging unit according to claim 8, wherein the single-ply material is of polyolefin.10. the packaging unit according to claim 1, wherein the single tab is integrally formed with the sheet.11. the packaging unit according to claim 1, wherein at least one of said sheet and said single tab are at least one of: opaque andat least one of comprising print and tactile indications.12. the packaging unit according to claim 11, wherein the single tab is embossed.13. the packaging unit according to claim 1, wherein said resealable adhesive is a pressure-sensitive hotmelt adhesive.14. the packaging unit according to claim 1, wherein said packaging unit is reclosable.15. a method of forming a packaging unit for hygiene articles, the packaging unit being formed from a sheet of material having a longitudinal direction and a transverse direction, the method comprising the steps of: providing said sheet of material, the sheet of material having an inner surface and an outer surface, said inner surface comprising an edge zone,providing an edge portion of said edge zone with resealable adhesivewherein said sheet of material has a longitudinal center line and at least one transversely extending folding axis, said folding axis dividing a first region of the sheet of material from a second region of the sheet of materialwherein a portion of the sheet forms a single tab at an edge portion of the first region and at least partially along the center line, the single tab having two major surfaces being free of any adhesive for closure of the packaging unit,wherein the single tab extends in the longitudinal direction from said edge portion of the first region so that the single tab extends along or parallel to the center line from a tab base at said edge portion of the first region to an outer edge of the single tab at least 0.5 cm,said tab base being a transversal line that longitudinally divides the single tab with adhesive-free surfaces from a portion of the first region containing said resealable adhesive for closure of the packaging unit, to which resealable adhesive the tab base has a point of contact, wherein the method further comprises the step of:folding said sheet along said at least one folding axis such that said first region overlaps with said second region, thereby providing a packaging unit of overlapping sheet layers,wherein an outer surface of the first region forms an outer layer of the folded packaging unit, and the single tab protrudes outwardly from an edge defined by the overlapping sheet layers of the folded packaging unit such that the single tab does not overlap with any other portion of the packaging unit,wherein:the first region includes an inner edge portion and an outer edge portion of a first edge zone of said first region that is provided with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said first edge zone of said first region is adhesive-free andthe second region includes an inner edge portion and an outer edge portion of a first edge zone of said second first region with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said edge zone of said second region is adhesive-free in a complementary manner to said first edge zone of said first region.16. a packaging unit for hygiene articles, the packaging unit being formed from a sheet of material comprising: a longitudinal direction and a transverse direction,said sheet having an inner surface and an outer surface,said inner surface comprising an edge zone that comprises an edge portion being provided with a resealable adhesive for closure of the packaging unit,said sheet having a longitudinal center line and at least one transversely extending folding axis,said folding axis dividing a first region of the sheet from a second region of the sheet,wherein a single tab is arranged at an edge portion of the first region and at least partially along the center line,the single tab being free of any adhesive, wherein the single tab extends in the longitudinal direction from said edge portion of the first region so that the single tab extends along or parallel to the center line from a tab base at said edge portion of the first region to an outer edge of the single tab at least 0.5 cm,said tab base being a transversal line that longitudinally divides the adhesive-free tab from a portion of the first region containing said resealable adhesive for closure of the packaging unit, to which resealable adhesive the tab base has a point of contact,wherein the outer surface of the first region forms an outer layer of the folded packaging unit, andwherein said sheet is folded along said at least one transversely extending folding axis such that said first region overlaps said second region, thereby providing a packaging unit of overlapping sheet layers, and the single tab protrudes outwardly from the overlapping sheet layers of the folded packaging unit such that the single tab does not overlap with any other portion of the packaging unit,wherein:the first region includes an inner edge portion and an outer edge portion of a first edge zone of said first region that is provided with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said first edge zone of said first region is adhesive-free andthe second region includes an inner edge portion and an outer edge portion of a first edge zone of said second region with a first resealable adhesive, such that the other of said inner edge portion and said outer edge portion of said edge zone of said second (Results 0)

Search [SP]: [0062] fig. 1 shows a packaging unit according to an embodiment having one folding axis[0063] fig. 2 shows the packaging unit depicted in fig. 1 in a folded state[0064] fig. 3 shows a packaging unit according to an embodiment having two folding axes[0065] fig. 4 shows the packaging unit depicted in fig. 3 in a folded state. (Results 500)

Search fn=(61132569:530 or 59104635:275 or 61132565:260 or 61132571:160 or 61132570:160 or 34959261:145 or 67075618:140 or 55049112:135 or 48216253:130 or 43272037:120 or 62728429:110 or 61132567:110 or 60173603:110 or 59436692:110 or 55189409:110 or 44935053:110 or 41938267:110 or 34579845:110 or 31717391:110 or 47633178:105 or 42908917:105 or 68414472:100 or 65471204:100 or 61132566:100 or 48438621:100 or 44935031:100 or 42462065:100 or 42111509:100 or 34329580:100 or 28332004:100 or 25042423:100 or 22730034:100 or 22083162:100 or 20288627:100 or 19686785:100 or 19535425:100 or 15386824:100 or 13426660:100 or 11718778:100 or 4728026:100 or 4318861:100 or 43543231:95 or 42442223:95 or 32062887:95 or 65471172:90 or 64981411:90 or 64827083:90 or 63911908:90 or 60460815:90 or 59089046:90 or 57415856:90 or 57094235:90 or 56667254:90 or 48841008:90 or 44933621:90 or 43815715:90 or 43681846:90 or 43552320:90 or 43470824:90 or

42984649:90 or 42390185:90 or 33647371:90 or 33644869:90 or 33152174:90 or 29473022:90 or 29421752:90 or 21459116:90 or 21250813:90 or 20860974:90 or 2401172:90 or 1173441:90 or 577701:90 or 532516:90 or 49950364:85 or 43576206:85 or 43179063:85 or 29958369:85 or 3779865:85 or 2071113:85 or 2071111:85 or 71242873:80 or 65366234:80 or 62297928:80 or 61901082:80 or 58404051:80 or 57467447:80 or 57226652:80 or 56392367:80 or 56340281:80 or 55624955:80 or 55409846:80 or 51343534:80 or 51038104:80 or 50073923:80 or 49007728:80 or 48463759:80 or 48312302:80 or 47637281:80 or 46414289:80 or 46398132:80)
(Results 100)

Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

Inventor(s):(std):

Inventor(s):

International class (IPC 8-9):

International class (IPC 1-7):

CPC:

European class:

US class:

[Classification Explorer](#)

Forward Citations:

ROLLER FOLDING MACHINE FOR THE MANUFACTURE OF ENVELOPES

US19300477259 19300823

Publication number	Publication date	Application number	Application date
 US1834664 A	19311201	US19300477259	19300823

ALFRED WINKLER

ALFRED WINKLER ; MAX DUNNEBIER

ALFRED WINKLER ; MAX DUNNEBIER

WINKLER ALFRED ; DUNNEBIER MAX

B31B23/00 (Advanced/Invention);
B31B23/00 (Core/Invention)

B31B23/60

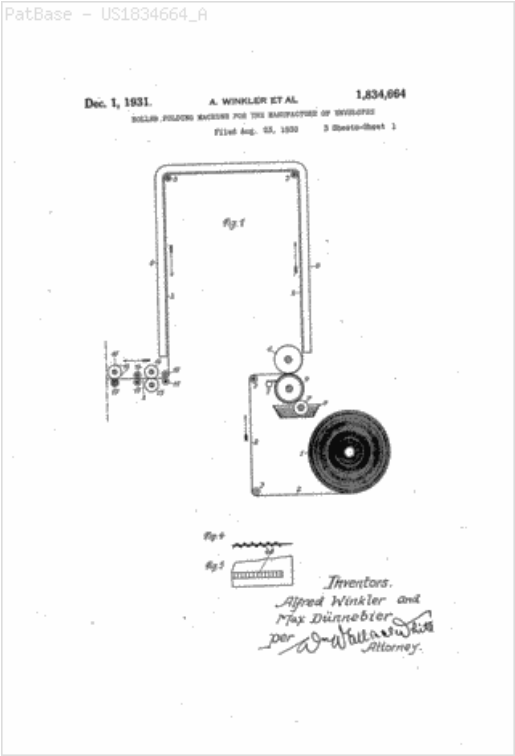
B31B70/00 B31B70/18 B31B70/261 B31B2150/00 B31B2155/00 B31B2155/001 B31B2155/0014
B31B2160/10 B31B2160/102

B31B19/18 B31B19/26 B31B21/00 B31B23/00 L31B219/14F1 L31B219/26K L31B221/10A L31B237/10
L31B237/40 L31B237/40B

271/295 493/231 493/243 493/254 493/260 493/265

US2771029, DE853420,

Abstract:
1. A roller folding machine for the manufacture of envelopes having front and back parts connected together Without side folds comprising means for the application of gum to the side edges of the envelope, means for the application of gum to the closure Flaps of the envelopes and a drying wheel having resilient incans for holding and bending the envelopes fixedly mounted on the periphery thereof for delivering the envelopes to one side of the wheel and means for receiving the bent envelopes from the same side of the wheel after the drying operation.



Title:

APPARATUS FOR MAKING LINED ENVELOPES

Priority:

US19320591657 19320208

Family:

Publication number	Publication date	Application number	Application date
 US1933121 A	19331031	US19320591657	19320208

Probable Assignee:

COLUMBIA ENVELOPE CO

Assignee(s):(std):

COLUMBIA ENVELOPE CO ; COLUMBIA ENVELOPE COMPANY

Inventor(s):(std):

RIFE WILLIAM H

International class (IPC 8-9):

B31B23/00 (Advanced/Invention);
B31B23/00 (Core/Invention)

International class (IPC 1-7):

B31B39/00

CPC:

Y10S493/922 B31B2150/00 B31B2155/00 B31B2160/102 B31B2170/20 B31B70/00 B31B2160/10

European class:

B31B21/00 B31B39/00 L31B221/10A L31B237/05

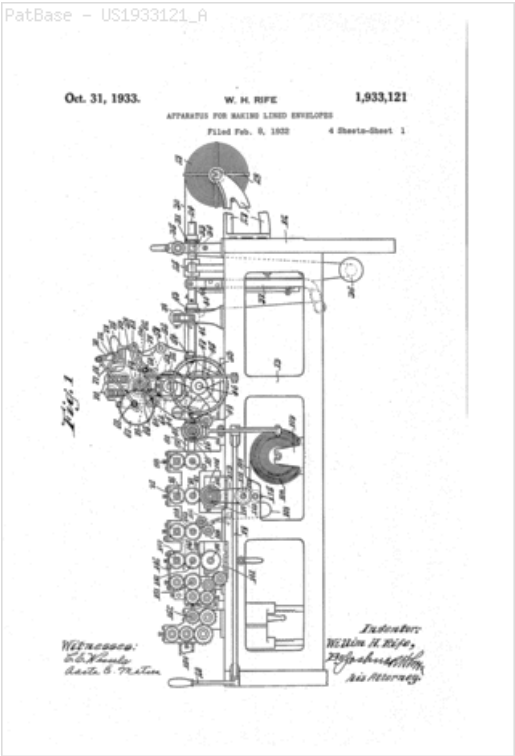
US class:

493/217 493/220 493/224 493/922

[Classification Explorer](#)

Forward Citations:

US3344719, US2996962,



Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

Inventor(s):(std):

Inventor(s):

International class (IPC 8-9):

International class (IPC 1-7):

CPC:

European class:

US class:

[Classification Explorer](#)

Forward Citations:

METHOD FOR THE CONTINUOUS PRODUCTION OF ENVELOPES, ETC.

US19320622961 19320716

Publication number

Publication date

Application number

Application date

US1944794 A19340123US1932062296119320716

FRIEDRICH KLINGER

FRIEDRICH KLINGER

FRIEDRICH KLINGER

KLINGER FRIEDRICH

B31B23/00 (Advanced/Invention);
B31B23/00 (Core/Invention)

B31B23/60

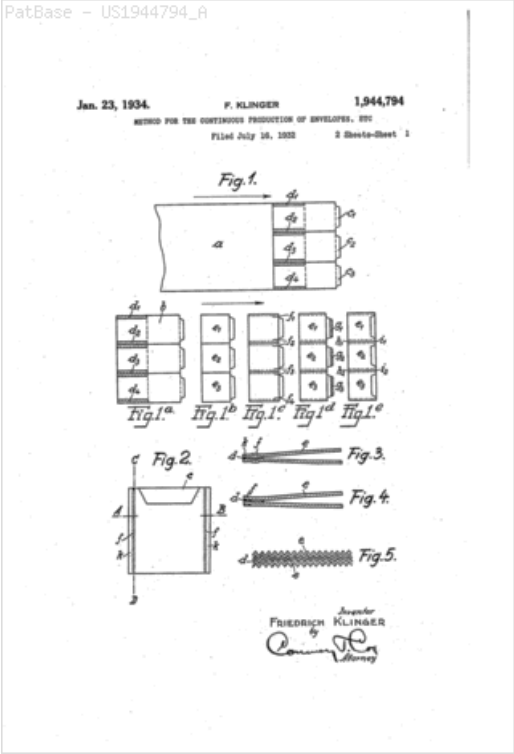
Y10S493/917 B31B70/00 B31B50/18 B31B50/68 B31B2150/00 B31B2155/00 B31B2155/001
B31B2155/0014 B31B2160/10 B31B2160/102

B31B1/18 B31B1/68 B31B21/00 B31B23/00 L31B201/14F1 L31B201/60D L31B221/10A L31B237/10
L31B237/40 L31B237/40B

229/68.1 229/69 493/235 493/254 493/260 493/264 493/463 493/917

WO9311948, US6860308, US6746051, US6562171, US5690774, US5616434, US5607484, US5116302,
US4664417, US4002519, US3628304, US3104800, US3043068, US2907514, US2799107, US2730934,
US2696325, US2013206825, US2006162864, US2003111183, FR2313107,

Abstract:
1. The method of producing envelopes, bags and the like from a continuous band of material such as paper which includes the steps of forming from the supply band a sheet having a width twice that of the envelope, applying adhesive to said sheet, folding said sheet substantially centrally and longitudinally corrugating the portion of said folded sheet which carries the adhesive.



Title:

IMPROVEMENTS IN AND RELATING TO THE MANUFACTURE OF ENVELOPES OR THE LIKE

Priority:

GB19330014659 19330520

Family:

Publication number	Publication date	Application number	Application date
GB405854 A	19340215	GB19330014659	19330520

Probable Assignee:

FRIEDRICH KLINGER

Assignee(s):(std):

FRIEDRICH KLINGER

International class (IPC 8-9):

B31B23/00 (Advanced/Invention);
B31B23/00 (Core/Invention)

International class (IPC 1-7):

B31B23/60

CPC:

B31B70/00 B31B50/18 B31B50/68 B31B2150/00 B31B2155/00 B31B2155/001 B31B2155/0014
B31B2160/10 B31B2160/102

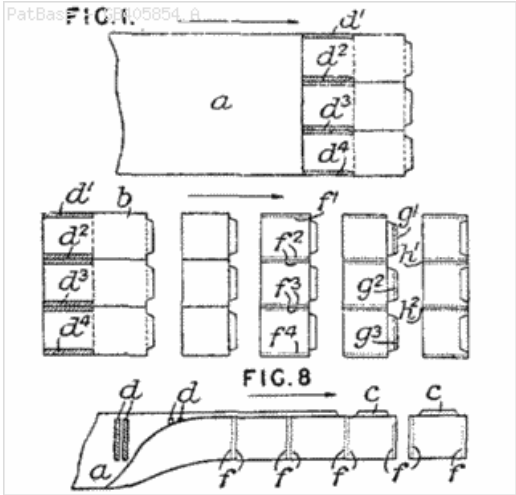
European class:

B31B1/18 B31B1/68 B31B21/00 B31B23/00 L31B201/14F1 L31B201/60D L31B221/10A L31B237/10
L31B237/40 L31B237/40B

[Classification Explorer](#)

Forward Citations: FR2699854, FR2580544,

Abstract:
405,854. Envelopes. KLINGER, F., 18, Bellevue, Hamburg, Germany. May 20, 1933, No. 14659. [Class 146 (ii).] In a process for the production of envelopes without side-folds from a web, comprising the operations of severing, shaping, applying adhesive to the side edges, folding, and crimping along the side edges, the severing operation is performed last of all so that completed envelopes are obtained. A sheet b, Fig. 1, twice the depth of the finished envelope is cut from a web a, several times the width of the envelope, and the sheet is gummed at d<1>, d<2>, d<3>, d<4>, folded over, and crimped along lines f<1>, f<2>, f<3>, f<4> preferably some distance from the edges of the finished envelopes, the flaps are gummed at g<1>, g2, g<3>, and the envelopes are finally separated at h<1>, h<2> between the lines of crimping. The envelopes may be formed without flaps, or may be formed as shown in Fig. 8, the web a being gummed at d, folded longitudinally, and crimped at f, the flaps c cut and gummed, and the finished envelopes severed between the two lines of crimping f. The process may also be applied to the manufacture of paper bags, pouches, sacks, and c., and materials such as paper, artificial fabrics, cellulose derivatives, or metal foil may be used.



Title: VERFAHREN ZUR HERSTELLUNG VON BEHAELTERN, INSBESONDERE VON BRIEFUMSCHLAEGEN.
METHOD FOR PRODUCING containers, in particular envelopes. (Machine translation)

Family:	Publication number	Publication date	Application number	Application date
	CH172388 A	19341015		19330714

Probable Assignee: KLINGER FRIEDRICH

Assignee(s):(std): KLINGER FRIEDRICH

Inventor(s):(std): FRIEDRICH KLINGER

Inventor(s): KLINGER FRIEDRICH

International class B31B23/00 (Advanced/Invention);
(IPC 8-9): B31B23/00 (Core/Invention)

International class B31B23/60
(IPC 1-7):

CPC: B31B70/00 B31B50/18 B31B50/68 B31B2150/00 B31B2155/00 B31B2155/001 B31B2155/0014
B31B2160/10 B31B2160/102

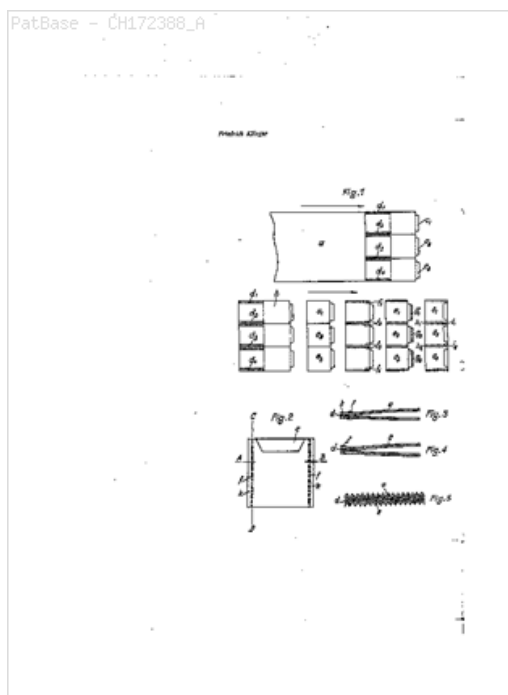
European class: B31B1/18 B31B1/68 B31B21/00 B31B23/00 L31B201/14F1 L31B201/60D L31B221/10A L31B237/10 L31B237/40 L31B237/40B

Classification Explorer

Abstract:

Source: CH172388A [DE] 1. Verfahren nach dem Patentanspruch, da durch gekennzeichnet, dass die Behälter aus einzelnen Bogen von etwa doppelter Behälterhöhe hergestellt werden, die nach dem Gummieren in der Mittellinie des Behälters gefalzt werden und die Verbindung der sich deckenden Seitenkanten durch Gummierung und Rändelung oder Praegung erfolgt.

Double translation: A method according to claim 1 since. Characterized in that the capacities are made of single arc of about double Behaelterhoehe that are folded after the gumming in the midline of the Be Haelters and the connection of the conterminous side edges is done by rubber coating and edge or die-stamping



Title:

APPARATUS FOR MAKING BAGS

Priority:

US19340744229 19340915 US19360095324 19360811

Family:

Publication number	Publication date	Application number	Application date
US2096788 A	19371026	US19340744229	19340915
US2096789 A	19371026	US19360095324	19360811

Probable Assignee:

EARL COTY THOMAS

Assignee(s):(std):

EARL COTY THOMAS

Inventor(s):(std):

EARL COTY THOMAS

Inventor(s):

COTY THOMAS EARL

International class (IPC 8-9):

B31B19/62 B31B29/00 (Advanced/Invention);
B31B19/00 B31B29/00 (Core/Invention)

International class (IPC 1-7):

B31B33/26 B31B35/26

CPC:

B31B2150/00 B31B2150/0012 B31B2160/20 B31B70/62 B31B70/00 B31B2160/10

European class:

B31B19/62 B31B29/00 L31B219/60B L31B221/20 L31B221/40A

US class:

493/241 493/262 493/266 493/333 493/336

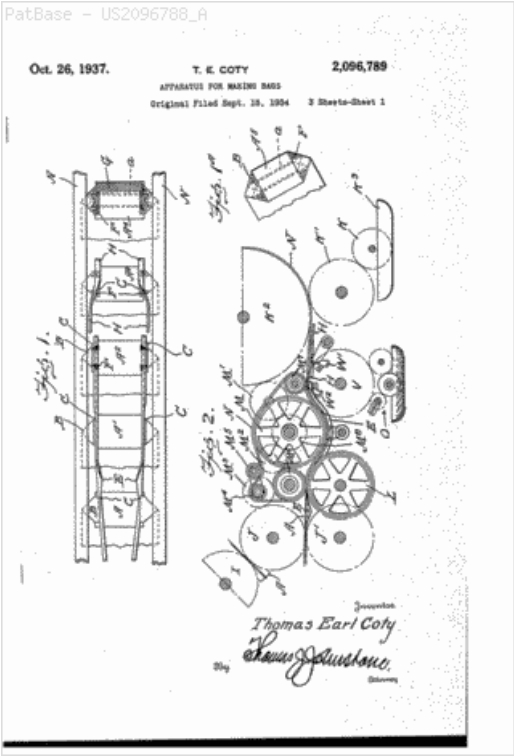
Classification Explorer

Forward Citations:

US2668481, EP1122058, EP1122058, EP1120239, EP1120239,

Abstract:

1. In~ bag-making machines, a paste-pad having two motions, one clrcumferentially coincident at e desired position with the path of a. bag-blank, the other a lateral ,movement transverse to _said path; and means for imparting the said lateral motion at desired times.

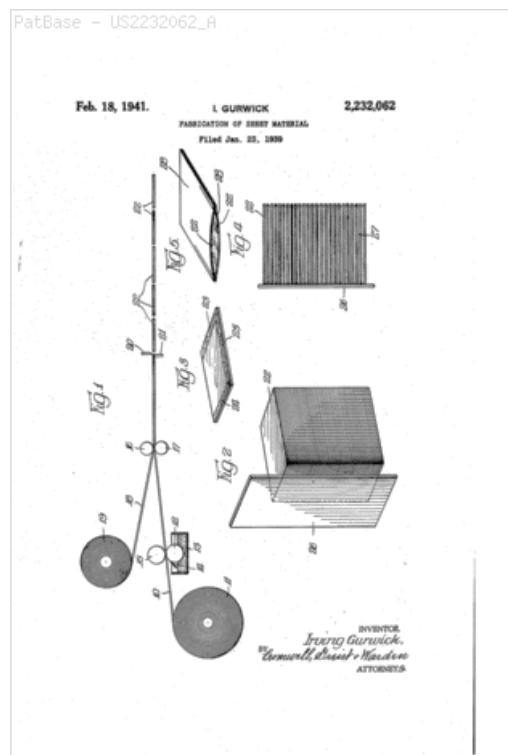


Title: FABRICATION OF SHEET MATERIAL**Priority:** US19390252259 19390123

Family:	Publication number	Publication date	Application number	Application date
	US2232062 A	19410218	US19390252259	19390123

Probable Assignee: SHELLMAR PRODUCTS CO**Assignee(s):(std):** SHELLMAR PRODUCTS CO ; SHELLMAR PRODUCTS COMPANY**Inventor(s):(std):** IRVING GURWICK**Inventor(s):** GURWICK IRVING**International class**
(IPC 8-9): B31B23/00 B65D75/20 (Advanced/Invention);
B31B23/00 B65D75/04 (Core/Invention)**International class**
(IPC 1-7): B29H7/00 B65D33/00 B65D33/22**CPC:** B65D75/20 B31B70/00 B31B2155/00 B31B2155/002 B31B2160/10**European class:** B31B23/00 B65D75/20 L31B237/10 L31B237/50**US class:** 156/289 156/308.4 156/82 222/107 493/189 493/224 53/411[Classification Explorer](#)**Forward Citations:** US4053671, US3933563, US2682206, US2668769, US2584632, US2562146, US2467133, US2466802, US2466387, US2422725, FR2615179,**Abstract:**

1. The method which comprises printing a web of rubber hydrochloride. cutting said web into container units with the printed matter adjacent the edges of the units, assembling a second sheet of said material with said units in edge alignment, stacking a plurality of said units together, and heat sealing the edges thereof.



Title: VERFAHREN ZUM HERSTELLEN VON FLACHBEUTELN AUS PAPIER OD. DGL. MIT LAENGSSNAHT, GESCHLOSSENER BODEN- UND OFFENER VERSCHLUSSKLAPPE METHOD FOR PRODUCING FLAT BAGS OF PAPER OD. DGL. WITH LAENGSSNAHT, CLOSED SOIL AND OPEN CLOSURE FLAP (Machine translation)

Priority: DE1957W022398 19571212

Family:

Publication number	Publication date	Application number	Application date
DE1106156 B	19610504	DE1957W022398	19571212

Probable Assignee: WINKLER RICHARD

Assignee(s):(std): KURT DUENNEBIER ; WINKLER RICHARD

Assignee(s): RICHARD WINKLER

Inventor(s):(std): SEYL PETER

International class B31B23/00 (Advanced/Invention);

(IPC 8-9): B31B23/00 (Core/Invention)

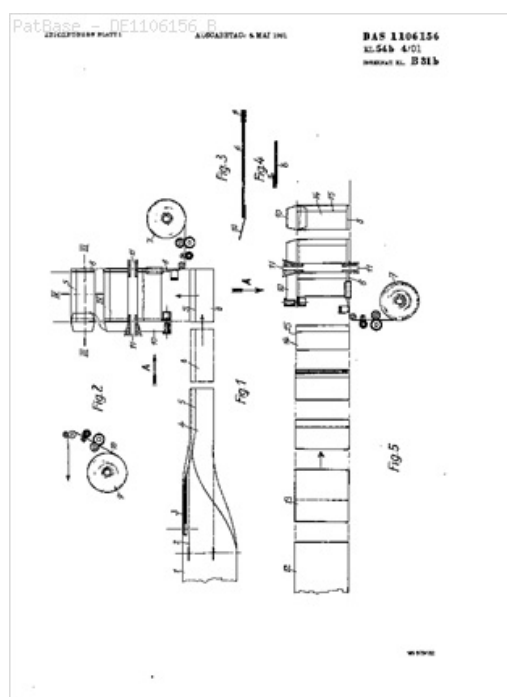
CPC: B31B70/00 B31B70/261 B31B70/62 B31B70/8123 B31B2150/00 B31B2155/00 B31B2155/0012
B31B2160/10

European class: B31B19/26 B31B19/62 B31B19/90 B31B21/00 B31B23/00 L31B219/26K L31B219/60B L31B219/90B3
L31B221/10 L31B237/10 L31B237/40A

Classification Explorer

Cited documents: US2146308 A, GB466179 A, GB248037 A, DEM16910 B, DE723912 A, DE719328 A, DE518377 A, DE317932 A, DE315911 A, DE1715869 U.

Forward Citations: DE3740058, DE1228504,



Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

International class
(IPC 8-9):

International class
(IPC 1-7):

CPC:

European class:

[Classification Explorer](#)

Forward Citations:

GLUING MACHINE

GB19610018873 19610525

Publication number	Publication date	Application number	Application date
 GB905623 A	19620912	GB19610018873	19610525

FLOYD GREGG PAXTON

FLOYD GREGG PAXTON

B31B21/60 (Advanced/Invention);
B31B21/00 (Core/Invention)

B31B21/60

B31B70/00 B31B70/62 B31B70/81 B31B2150/00 B31B2160/10

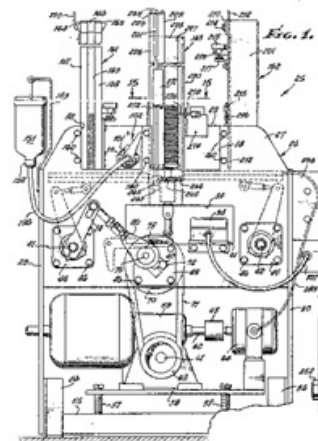
B31B19/62 B31B19/90 B31B21/00 B31B21/62 L31B219/60B L31B219/90 L31B221/10

AT398548,

Abstract:

905,623. Laminates and laminating. PAXTON, F. G. May 25, 1961, No. 18873/61. Class 140. A gluing machine for gluing together a first element of sheet material and a second element of sheet material to produce an assembled unit comprising two hoppers for separately holding separate stacks of said elements and a hopper for holding said assembled units, two element feeders for feeding one element from each of said element hoppers to positions in which said two elements are in overlapping relation, a glue applicator for applying glue to an area on one of two said elements so fed, which area faces and is overlapped by the other of said two elements when they arrive in said positions, a plunger adapted to engage said two elements while moving in a direction normal to the planes of said two elements to bring said elements into face-to-face overlapping contact, with said glue between said elements, to form one of said units, and to move said unit so formed into a receiving end of said unit hopper, a device for applying pressure to said unit for yieldably resisting its movement into said unit hopper whereby the two elements constituting said unit are firmly glued together, and a unit retaining device at the receiving end of said unit hopper adapted to yield to allow a unit to be thus delivered into the unit hopper by the plunger but to prevent said unit moving reversely with said plunger out of the hopper during the withdrawal stroke of the plunger. Fig. 1 shows a front elevation and Figs. 4 and 5 show vertical section views of a gluing machine according to the invention with the moving parts (in Figs. 4 and 5) in positions corresponding to two successive phases of a cycle of operation. The machine is adapted to produce a bag closure assembly 24 (Fig. 18) comprising two elements i.e. a closure device 19 and a card label 23 glued together. Closure elements 19 are fed from supply hopper 161 by reciprocating feeder 303 past rotary glue applicator 137 on to platform 295 supported on plunger 290. Card elements 23 are fed from supply hopper 162 by reciprocating feeder 304 on to platform 295, the platform being so shaped that the left-hand end of element 23 overlaps the right-hand end of element 19. Plunger 290 then rises, forcing the assembled units 24 upwards, on platform 295, into hopper 163 past a unit retaining device comprising spring-operated dog heads 256 (Fig. 5). Weight 271 (Figs. 1 and 15, the latter being a horizontal sectional view on line 15-15 in Fig. 1) operating through arm 272 presses downwardly on units 24 in hopper 163, yieldably resisting the movement of fresh units into the hopper urged upwardly by platforms 295 and plunger 290 and ensuring the firm gluing together of the units in the hopper. Upon the subsequent descent of plunger 290 and platform 295 the units 24 are supported from beneath and retained in the hopper 163 by the dog heads 256.

PatBase - GB905623_A



Title: FREMGANGSMÅDE VED FREMSTILLING AF SÆKKE AF ET LIGE ANTAL SAMMENLOEBENDE MATERIALEBANER OG MASKINE TIL BRUG VED UDOEVELSE AF FREMGANGSMÅDEN. THE PROCEDURE MADE IN THE MANUFACTURE OF BAGS OF AN EVEN NUMBER OF SAMMENLOEBENDE MATERIAL CONVEYORS AND MACHINE FOR USE IN THE EXERCISE OF THE RIGHT OF THE PROCEDURE LAID DOWN. (Machine translation)

Priority: SE19670005625 19670421

Family:	Publication number	Publication date	Application number	Application date
	DK118271 B	19700727	DK19680001679	19680417
	FI52952 B	19770930	FI19680001075	19680418
	FI52952 C	19780110	FI19680001075	19680418
	NO124423 B	19720417	NO19680001393	19680409
	SE309710 B	19690331	SE19670005625	19670421

Probable Assignee: MUNKSJOE AB

Assignee(s):(std): MUNKSJOE AB

Assignee(s): MUNKSJOE AKTIE BOLAG

Inventor(s):(std): FRANSSON OTTO ELVING ; FRANSON O

Inventor(s): OTTO ELVING FRANSON

International class B31B33/26 B31B70/36 B31B70/62 (Advanced/Invention);
(IPC 8-9): B31B155/00 (Advanced/Non-invention);
 B31B33/00 (Core/Invention)

International class B31B33/26

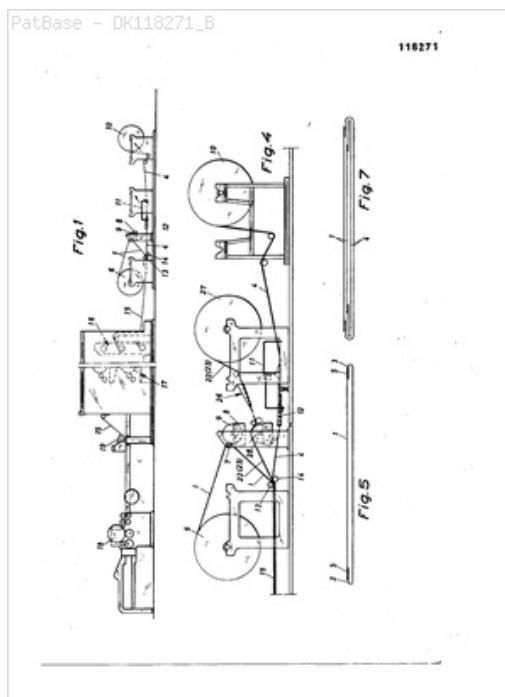
(IPC 1-7):

CPC: B31B70/26 B31B70/00 B31B70/36 B31B70/62 B31B2155/00 B31B2155/002 B31B2160/10 B31B2160/20

[Classification Explorer](#)

Abstract:

Source: DK118271B [DA] [Source: Claim 1] 1. Fremgangsmåde ved fremstilling af sække af et lige antal samaenlebende materialebaner, f.eks. papirbaner, idet disse forenes langs længdekanterne, og idet den saledes dannede slange afskaeres pa tværs til dannelse af de enkelte sækemner, hvorefter disse emner ved den ene ende forsynes med bund, kendetegnet ved, at efter at en eller flere af materialebanerne (1,4) i det mind- ste langs den ene længdekanter er helt omfoldet og den ene banes læng- dekanter derpa forbundet med de lige over for liggende længdekanter pa den anden bane, hensigtsmaessigt ved hjælp af bindemiddel, foldes den saledes dannede slangebane dobbelt i længderetningen, foer den afskaeres i tværretningen til sækemner. **Machine translation:** [Source: Claim 1] 1. The procedure made by the production of sacks of an equal number of samaenlebende material courses, such as paper courses, since these are reconciled along the long edge and since it formed elapsing hose cut pa across to the formation of the individual bag issues where after these issues at one end must be fitted with bottom, characterized by the fact that after one or more of the material The trajectories (1,4) in the mind- ste along one edge length is completely omfoldet and the one pave læng- dekanter derpa connected with the right across from the underlying the edges of the length of the pa the second track, appropriate by means of a binder, fold the elapsing formed hose track double in the longitudinal direction before it is cut at the transverse tilt for blind topics.



Title: VERFAHREN ZUM ERZEUGEN EINER GASDICHTEN VERKLEBUNG DER BODENSEITENUMSCHLAEGE EINER KREUZBODENFALTUNG MIT DEN ECKEINSCHLAEGEN UND VORRICHTUNGEN ZUR DURCHFUEHRUNG DES VERFAHRENS

Priority: DE19702055016 19701109 DE19702055016 19701109

Family:	Publication number	Publication date	Application number	Application date
	DE2055016 A1	19720525	DE19702055016	19701109
	DE2055016 B2	19730125	DE19702055016	19701109
	DE2055016 C3	19760708	DE19702055016	19701109
	FR2113661 A5	19720623	FR19710039899	19711108

Probable Assignee: WINDMOELLER AND HOELSCHER

Assignee(s):(std): WINDMOELLER AND HOELSCHER

Assignee(s): WINDMOLLER HOLSCHER

Inventor(s):(std): ACHELPOHL FRITZ

International class B31B19/62 B31B29/00 (Advanced/Invention);
(IPC 8-9): B31B19/00 B31B29/00 (Core/Invention)

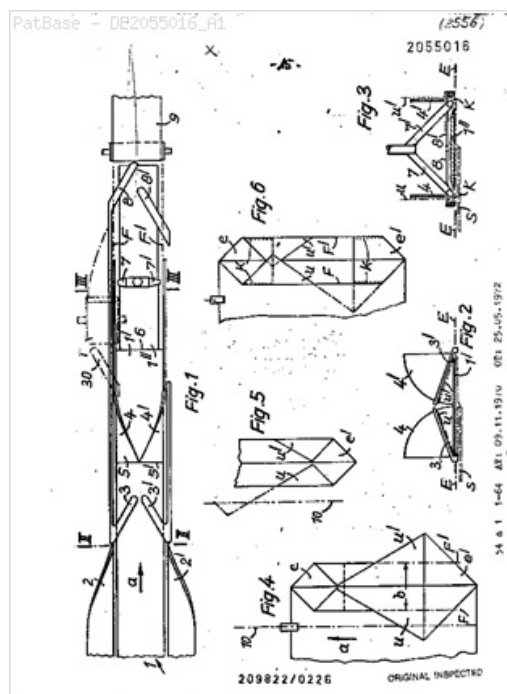
International class B31B1/00 B31B1/64
(IPC 1-7):

CPC: B31B70/62 B31B2150/00 B31B2150/0014 B31B2160/20 B31B70/00 B31B2160/10

European class: B31B19/62 B31B29/00 L31B219/60B L31B221/20 L31B221/40B

[Classification Explorer](#)

Forward Citations: WO12049040, US6095960, US5989172, US5946890, EP2441574, EP0835810, EP0835810, EP0780222, EP0780222, DE19641151, DE19639259, CN103153599, CN103153599,



Title:

Priority:

Family:

Probable Assignee:

Assignee(s):(std):

Assignee(s):

Inventor(s):(std):

International class (IPC 8-9):

International class (IPC 1-7):

CPC:

European class:

US class:

Classification Explorer

Cited documents:

Forward Citations:

APPARATUS FOR MAKING AN ENVELOPE AND PRODUCT THEREOF

US19740429532 19740102

Publication number

Publication date

Application number

Application date

US3906843 A19750923US1974042953219740102

NEW ENGLAND ENVELOPE MFG

NEW ENGLAND ENVELOPE MFG

NEW ENGLAND ENVELOPE MFG CO ; NEW ENGLAND ENVELOPE MANUFACTURING CO

HEWITT EDWARD G

B31B19/00 B31B19/62 (Advanced/Invention);
B31B19/00 (Core/Invention)

B31B1/62 B31B1/90

B31B70/00 B31B70/62 B31B2150/00 B31B2160/10

B31B19/62 B31B21/00 L31B219/60B L31B221/10

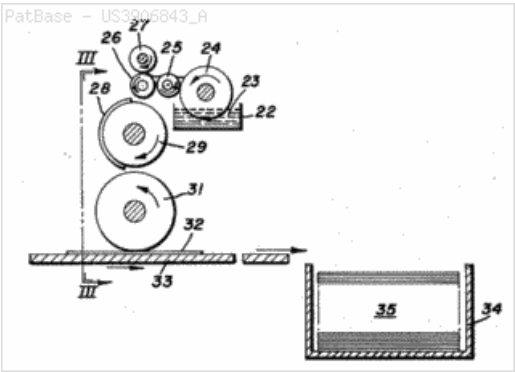
118/248 493/332 493/333 493/337 93/61R

Classification Explorer

US3468227 A, US2072875 A, US1998701 A, US1974256 A,

WO9904962, WO08002170, US6325878, US5707328, US2015135642,

Abstract:
Apparatus for applying to the back of an envelope a secondary gum pattern for contact by the flap gum, the gum pattern being free of beads or the like.

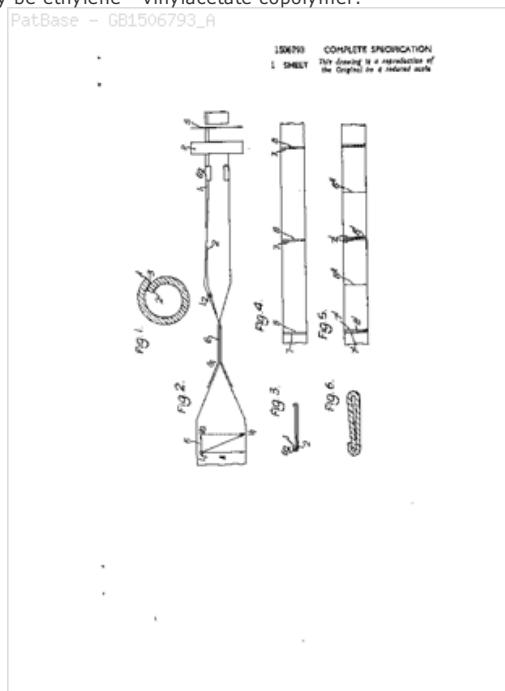


Title: MANUFACTURE OF TUBULAR FILTERS**Priority:** NL19750004148 19750408

Family:	Publication number	Publication date	Application number	Application date
	DE2615094 A1	19761028	DE19762615094	19760407
	DK154176 A	19761009	DK19760001541	19760331
	FR2313107 A1	19761231	FR19760010118	19760407
	GB1506793 A	19780412	GB19760013202	19760401
	IE42791 B	19801022	IE19760000730	19760407
	IE42791 L	19761008	IE19760000730	19760407
	NL7504148 A	19761012	NL19750004148	19750408
	SE7604092 A	19761009	SE19760004092D	19760407

Probable Assignee: GIST BROCADES NV**Assignee(s):(std):** GIST BROCADES NV**Assignee(s):** GIST BROCADES TE DELFT NV ; GIST BROCADES N V ; GIST BROCADES N V TE DELFT**Inventor(s):(std):** MAKASKE HERMANNUS ; MAKASKE H**Inventor(s):** HERMANNUS MAKASKE**International class**
(IPC 8-9): B01D29/00 B31B19/62 B31B23/00 B31D1/00 (Advanced/Invention);
B01D29/00 B31B19/00 B31B23/00 B31D1/00 (Core/Invention)**International class**
(IPC 1-7): A01J7/00 B01D23/04 B01D27/02 B01D29/10 B01D29/12 B01D39/00**CPC:** B01D29/111 B01D29/31 B31D1/00 B31B70/00 B31B70/62 B31B2155/00 B31B2155/0012 B31B2160/10**European class:** B01D29/00A10 B01D29/00B B31B19/62 B31B23/00 B31D1/00 L31B219/60B L31B237/10 L31B237/40A[Classification Explorer](#)**Cited documents:** US2673495 A, US1944794 A, GB842645 A,**Forward Citations:** GB2191108, FR2436673, DE202011005390,**Abstract:**

1506793 Making tubular filters GIST BROCADES NV 1 April 1976 [8 April 1975] 13202/76 Heading B1D A method of making tubular filters comprises applying transverse stripes of adhesive e.g. through applicator L 1 to a strip of filter material, said stripes extending from one edge of the strip to at least half way across the width of one face of the strip, successive stripes being longitudinally spaced apart, folding the material e.g. in guide 6 parallel to the edges in such a way that one leaf is broader than the other applying a continuous stripe of adhesive e.g. through applicator L, to the inside of the projecting margin in such a way that it contacts the ends of the transverse stripes, folding the projecting margin 1 over the other margin 2 e.g. in guide G 2 and causing the inside face of the projecting margin to be adhered e.g. by heat and pressure device P to the outside of the other margin, with the cross stripes of adhesive securing the inside surfaces together. The strip may then be cut transversely at S to give a plurality of bags. The material may travel at 20 metres a minute and applicator L 1 may move diagonally L, to V, to give a straight adhesive line. The material may be non woven, the adhesive may be ethylene - vinylacetate copolymer.

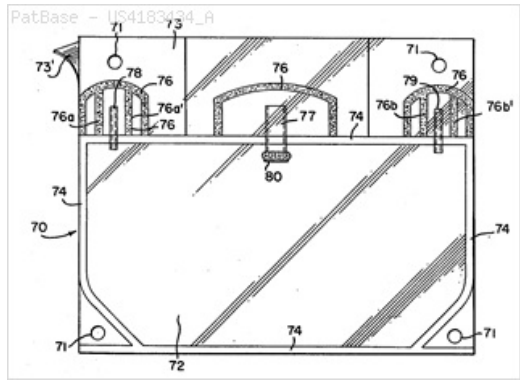


Title:	PEELABLE SEAL																																																											
Priority:	US19770830051 19770902	US19780896637 19780417	CA19780310386 19780831																																																									
	US19780964453 19781129	US19800189033 19801020																																																										
Family:	<table><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr><tr><td>CA1128004 A1</td><td>19820720</td><td>CA19780310386</td><td>19780831</td></tr><tr><td>DE2837505 A1</td><td>19790315</td><td>DE19782837505</td><td>19780828</td></tr><tr><td>FR2401847 A1</td><td>19790330</td><td>FR19780025329</td><td>19780901</td></tr><tr><td>GB2003449 A1</td><td>19790314</td><td>GB19780031379</td><td>19780727</td></tr><tr><td>GB2003449 B2</td><td>19820707</td><td>GB19780031379</td><td>19780727</td></tr><tr><td>NL7808006 A</td><td>19790306</td><td>NL19780008006</td><td>19780728</td></tr><tr><td>SE432561 B</td><td>19840409</td><td>SE19780009238</td><td>19780901</td></tr><tr><td>SE432561 C</td><td>19840719</td><td>SE19780009238</td><td>19780901</td></tr><tr><td>SE7809238 A</td><td>19790303</td><td>SE19780009238</td><td>19780901</td></tr><tr><td>US4183434 A</td><td>19800115</td><td>US19770830051</td><td>19770902</td></tr><tr><td>US4198972 A</td><td>19800422</td><td>US19780896637</td><td>19780417</td></tr><tr><td>US4264392 A</td><td>19810428</td><td>US19780964453</td><td>19781129</td></tr><tr><td>US4365716 A</td><td>19821228</td><td>US19800189033</td><td>19801020</td></tr></table>				Publication number	Publication date	Application number	Application date	CA1128004 A1	19820720	CA19780310386	19780831	DE2837505 A1	19790315	DE19782837505	19780828	FR2401847 A1	19790330	FR19780025329	19780901	GB2003449 A1	19790314	GB19780031379	19780727	GB2003449 B2	19820707	GB19780031379	19780727	NL7808006 A	19790306	NL19780008006	19780728	SE432561 B	19840409	SE19780009238	19780901	SE432561 C	19840719	SE19780009238	19780901	SE7809238 A	19790303	SE19780009238	19780901	US4183434 A	19800115	US19770830051	19770902	US4198972 A	19800422	US19780896637	19780417	US4264392 A	19810428	US19780964453	19781129	US4365716 A	19821228	US19800189033	19801020
Publication number	Publication date	Application number	Application date																																																									
CA1128004 A1	19820720	CA19780310386	19780831																																																									
DE2837505 A1	19790315	DE19782837505	19780828																																																									
FR2401847 A1	19790330	FR19780025329	19780901																																																									
GB2003449 A1	19790314	GB19780031379	19780727																																																									
GB2003449 B2	19820707	GB19780031379	19780727																																																									
NL7808006 A	19790306	NL19780008006	19780728																																																									
SE432561 B	19840409	SE19780009238	19780901																																																									
SE432561 C	19840719	SE19780009238	19780901																																																									
SE7809238 A	19790303	SE19780009238	19780901																																																									
US4183434 A	19800115	US19770830051	19770902																																																									
US4198972 A	19800422	US19780896637	19780417																																																									
US4264392 A	19810428	US19780964453	19781129																																																									
US4365716 A	19821228	US19800189033	19801020																																																									
Probable Assignee:	PHARMACHEM CORP																																																											
Assignee(s):(std):	PHARMACHEM CORP																																																											
Assignee(s):	PHARMACHEM TE BETHLEHEM PENNSYLVANIA VER ST V AM CORP ; WATT WILLIAM ER ; HERB JOHN R																																																											
Inventor(s):(std):	WATT W E R ; WATT WILLIAM EUGENE RAPHAEL ; HERB JOHN ROBERT ; WATT WILLIAM E R ; HERB JOHN R ; HERB J R																																																											
Inventor(s):	J R HERB ; W E R WATT ; ROBERT HERB JOHN ; RAPHAEL WATT WILLIAM EUGENE ; WATT WILLIAM ER																																																											
Agent(s):	GOUDREAU GAGE AND ASSOCIATES																																																											
International class (IPC 8-9):	A61J11/00 A61J11/05 B29C65/76 B31B23/00 B65D53/08 B65D75/30 B65D75/58 C09J5/02 (Advanced/Invention); A61J11/00 A61J11/05 B29C65/00 B31B23/00 B65D53/00 B65D75/28 B65D75/52 C09J5/02 (Core/Invention)																																																											
International class (IPC 1-7):	A61B19/02 A61J11/00 A61M5/00 A61M5/14 B29C27/02 B29C27/02 B29D31/00 B29D31/00 B32B31/20 B65B51/10 B65D27/00 B65D27/32 B65D33/00 B65D33/16 B65D33/22 B65D47/36 B65D53/08 B65D65/38 B65D85/50 C09J5/02																																																											
CPC:	B29K2023/00 B29K2023/06 B29K2023/12 C09J2400/228 Y10T156/1911 C09J5/02 C09J2423/008 Y10T156/1153 B29C66/53461 B29C66/43121 A61J11/10 B29L2031/7148 B65D75/30 B65D75/5855 B29C65/76 B29C66/1122 B29C66/43 B29C66/24244 B29C66/24245 B29C66/4312 B29C66/432 B29C66/4742 B29C66/43129 B29C66/71 B65D53/08 B29C66/612 B29C66/112 B29C66/114 B29C66/131 B29C66/137 B29C66/234 B31B70/00 B31B70/62 B31B2155/00 B31B2155/002 B31B2160/10																																																											
European class:	A61J11/00T A61J11/10 B29C65/76 B31B19/62 B31B23/00 B65D53/08 B65D75/30 B65D75/58F C09J5/02 L29K23/00 L29K23/06 L29K23/12 L29L31/7148 L31B219/60B L31B237/10 L31B237/50 M09J400/22T M09J423/00T																																																											
US class:	128/214.0D 128/214D 156/244.11 156/244.24 156/272 156/272.6 156/273.3 156/275.1 156/290 156/308.4 156/344 156/69 156/711 156/752 204/168 206/438 206/632 229/123.1 383/210 383/38 426/115 604/408																																																											

[Classification Explorer](#)

Cited documents:	US4112989 A, US3986507 A, US3986506 A, US3963026 A, US3951148 A, US3924748 A, US3914521 A, US3859159 A, US3788374 A, US3746001 A, US3736933 A, US3554256 A, US3491935 A, US3472369 A, US3360412 A, US3284331 A, US3256981 A, US3211144 A, US3127892 A, US3110308 A, US3107784 A, US3107748 A, US3081214 A, US3079920 A, US3067119 A, US3064647 A, US3058799 A, US3018189 A, US2896619 A, US2895475 A, GB1395257 A, GB1326859 A, FR2312263 A1, FR2265803 A1, DE2212447 A1, DE1236997 B, DE1129258 B,
Forward Citations:	WO9830646, WO9614254, WO9604177, WO9604177, WO9218058, WO9206663, WO9200703, WO9116086, WO8301569, WO11031654, WO08077573, WO08077573, WO07073526, WO07073526, WO07059975, WO07000273, WO0222044, WO0146037, WO0049980, USD764943, USD752452, USD746152, USD734165, US9981456, US9943106, US9902508, US9777847, US9744506, US9649472, US9539174, US9248446, US9186862, US9038823, US8967374, US8828654, US8784745, US8765367, US8735055, US8622213, US8523799, US8491178, US8480976, US8328017, US8202001, US8052929, US8048375, US7780336, US7770728, US7767447, US7740730, US7708889, US7678097, US7549956, US7497944, US7481778, US7420481, US7364359, US7279107, US7150734, US7141256, US7141256, US7029430, US6996951, US6984067, US6893529, US6846305, US6764567, US6670023, US6616998, US6590034, US6514189, US6491679, US6471401, US6468377, US6440508, US6248380, US6244746, US6203535, US6198106, US6196717, US6165161, US6059707, US6042862, US6040024, US6033758, US6032800, US5971971, US5944709, US5928213, US5919547, US5916615, US5910138, US5799793, US5798169, US5779832, US5779050, US5631068, US5562580, US5510165, US5507525, US5484376, US5474637, US5423792, US5391163, US5366296, US5364384, US5335788, US5314421, US5259844, US5257983, US5250044, US5220769, US5217772, US5217443, US5209745, US5180599, US5178277, US5160329, US5084041, US5031384, US4961495, US4956962, US4921137, US4841712, US4790670, US4711359, US4640425, US4637934, US4620895, US4610684, US4596573, US4568403, US4561110, US4488647, US4466888, US4465488, US4403992, US4396383, US4365629, US4294574, US2016150819, US2014042049, US2013236130, US2012064271, US2010294693, US2009127206, US2007289884, US2007237431, US2007219465, US2006289542, US2006255055, US2005194060, US2005186369, US2005015070, US2004068960, US2003228480, US2003181827, US2003173274, US2003168365, US2003134013, US2003000632, US10081169, KR101177290, JP2015058981, GB2363107, GB2356186, FR2813784, EP2284081, EP1790569, EP0896992, EP0867276, EP0867276, EP0816283, EP0769369, EP0769369, EP0503786, EP0494080, EP0299562, DE3923713, DE3700713, DE3413053, DE3238649, DE3146067, DE19613678, DE102006007827, CN102686492, CN102686492,

Abstract:
A bag for storing blood components consisting of a sterilizable, flexible polyolefin container having at least two inlets at the top thereof forming part of the container and a bag-like protective closure hermetically enclosing the inlets. The protective closures are integral with the bag and formed by heat-sealing under combined application of heat and pressure a portion of at least two polyolefin film members having at least one oxidized surface therebetween so as to form a seal that is peelable to expose each of the inlets.



Title: ENVELOPE ASSEMBLY APPARATUS

Priority: US19810323961 19811119

Family:

Publication number	Publication date	Application number	Application date
US4443211 A	19840417	US19810323961	19811119

Probable Assignee: NSI ENTERPRISES INC

Assignee(s):(std): NAT SERVICE IND INC

Assignee(s): NATIONAL SERVICE IND ; NATIONAL SERVICE IND INC ; NATIONAL SERVICE IND INC A CORP OF DE ; NATIONAL SERVICE INDUSTRIES INC ; NSI ENTERPRISES INC

Inventor(s):(std): WOOLEY ROBERT E

International class
(IPC 8-9): B31B1/90 B31B19/00 (Advanced/Invention);
B31B1/74 B31B19/00 (Core/Invention)

International class
(IPC 1-7): B31B1/16 B31B1/74

CPC: B31B70/00 B31B50/8127 B31B50/8129 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/102

European class: B31B1/90 B31B19/62 B31B21/00 L31B201/90B3B L31B201/90B3D L31B219/60B L31B221/10 L31B221/10A

US class: 493/188 493/210 493/224 493/236

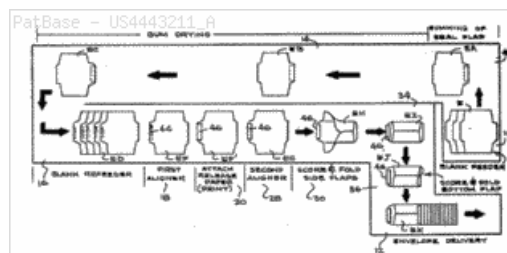
[Classification Explorer](#)

Cited documents: US4360355 A, US3868894 A, US2986976 A,

Forward Citations: WO9402402, US8793967, US6402015, US5962078, US5753041, US5591112, US5480681, US5458926, US5444961, US5030189, US2010152009, US2006087113, GB2232652, EP0529810, EP0529810, DE4233090, DE10152976,

Abstract:

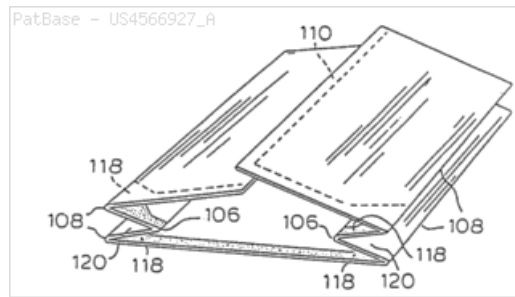
An envelope forming machine includes frame means supporting envelope blank feed means for feeding envelope blanks from an upstream end serially past aligner means, a printer transfer roller positioned adjacently above selectively operable printer means, scoring means and folding means to an envelope delivery station, with a release paper patch applying means being positioned above the transfer roller to apply a patch of release paper to adhesive on a flap of each envelope as each envelope flap passes over the printer transfer roller which serves as a backup roller against the flap during the application of the patch of release paper to the envelope flap.



Title:	PATTERN BONDING OF WEBS BY ELECTRON BEAM CURING																							
Priority:	US19780949670 19781010 US19860930060 19861112 US19910664296 19910304		US19800212219 19801202 US19870096309 19870909 US19850743743 19850612 US19890380510 19890717																					
Family:	<table><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr><tr><td>US4566927 A</td><td>19860128</td><td>US19800212219</td><td>19801202</td></tr><tr><td>US4849040 A</td><td>19890718</td><td>US19870096309</td><td>19870909</td></tr><tr><td>US4997504 A</td><td>19910305</td><td>US19890380510</td><td>19890717</td></tr><tr><td>US5165799 A</td><td>19921124</td><td>US19910664296</td><td>19910304</td></tr></table>	Publication number	Publication date	Application number	Application date	US4566927 A	19860128	US19800212219	19801202	US4849040 A	19890718	US19870096309	19870909	US4997504 A	19910305	US19890380510	19890717	US5165799 A	19921124	US19910664296	19910304			
Publication number	Publication date	Application number	Application date																					
US4566927 A	19860128	US19800212219	19801202																					
US4849040 A	19890718	US19870096309	19870909																					
US4997504 A	19910305	US19890380510	19890717																					
US5165799 A	19921124	US19910664296	19910304																					
Probable Assignee:	WOOD JAMES R																							
Assignee(s):(std):	WOOD JAMES R																							
Inventor(s):(std):	WOOD JAMES R																							
International class (IPC 8-9):	B29C65/14 B29C65/52 B31B19/62 B31B19/88 B31B29/60 B31B37/00 (Advanced/Invention); B29C35/08 B29C65/48 (Advanced/Non-invention); B29C65/14 B29C65/52 B31B19/00 B31B29/00 B31B37/00 (Core/Invention); B29C35/08 B29C65/48 (Core/Non-invention)																							
International class (IPC 1-7):	B29C65/14 B32B31/08 B32B31/12 B32B31/20 B65D30/18 B65D30/20 B65D33/10																							
CPC:	Y10S493/933 Y10S493/936 B29C66/43121 B29K2023/065 B29K2023/12 B29C66/1122 B29C65/1403 B29C65/1406 B29C65/1412 B29C65/1435 B29C65/1483 B29C65/526 B29C66/244 B29C66/30621 B29C66/43 B29C66/431 B29C66/4322 B29C66/7352 B29C66/939 B29C2035/0877 B29K2023/06 B29K2101/12 B29L2031/7128 B29C66/91411 B29C66/91641 B29C66/91921 B29C65/4815 B29C65/4845 B29C66/93431 Y10T156/1015 Y10T156/1069 Y10T156/1084 Y10T156/13 Y10T156/1724 Y10T156/1727 Y10T156/1013 Y10T156/1051 Y10T156/1085 B29C66/954 B29C66/98 B29C66/83413 B29C66/83415 B29C65/7894 B29C66/71 B29C66/135 B31B50/18 B31B70/60 B31B70/62 B31B2150/00 B31B2155/00 B31B2160/20 B31B70/88 B29C66/8432 B29C66/8511 B29C66/723 B29C66/72321 B29C66/72328 B29C66/7234																							
European class:	B29C65/14 B29C65/14A B29C65/52 B29C65/52J B29C66/1122 B29C66/244 B29C66/30621 B29C66/43 B29C66/431 B29C66/43121 B29C66/4322 B29C66/7352 B29C66/939 B31B19/62 B31B19/88 B31B29/60 B31B37/00 L29C35/08C3 L29C65/14 L29C65/14A L29C65/14A2 L29C65/14A6 L29C65/14D4 L29C65/48 L29C65/48B4B L29C65/48B4F L29C65/52J L29C66/1122 L29C66/24 L29C66/244 L29C66/43 L29C66/8511 L29C66/91921 L29K101/12 L29K23/06 L29K23/06B9 L29K23/12 L29L31/7128 L31B201/14F1 L31B219/60 L31B219/60B L31B219/88 L31B221/20 L31B237/20																							
US class:	156/203 156/204 156/227 156/260 156/269 156/270 156/275.3 156/275.5 156/275.7 156/277 156/291 156/379.8 156/384 156/465 156/512 156/548 156/549 383/104 383/107 383/120 383/121 383/8 493/188 493/231 493/254 493/266 493/332 493/333 493/335 493/337 493/933 493/936																							
Classification Explorer																								
Cited documents:	US775268 A, US5006186 A, US4849040 A, US4761080 A, US4246297 A, US4119479 A, US4100311 A, US4050361 A, US3966524 A, US3952868 A, US3776798 A, US3739977 A, US3669347 A, US3660217 A, US3655476 A, US3358903 A, US3352411 A, US2633286 A, US2631630 A, US2396565 A, US2256506 A, US146271 A,																							
Forward Citations:	WO9908859, WO16057316, WO11143708, WO11016965, WO08028513, WO07109153, WO07109153, WO03024821, WO0200144, WO0143981, WO0009319, WO0009319, USD545216, US9975665, US9969154, US9962898, US9802378, US9758279, US9738060, US9446865, US9434492, US9381719, US9365011, US9289329, US9266647, US9233502, US9222254, US9132940, US9132939, US8757062, US8746237, US8690744, US8668387, US8579507, US8475046, US8443578, US8404071, US8297840, US8241193, US8240915, US8163127, US8124679, US8097313, US8049426, US7863365, US7775957, US7770691, US7594958, US7572492, US7532451, US7521508, US7521486, US7452577, US7445725, US7410532, US7381765, US7342072, US7332052, US7311442, US7244496, US7244482, US7244329, US7230038, US7175583, US7135122, US7135122, US7128704, US7128704, US7104942, US7104942, US6997858, US6991592, US6942100, US6858253, US6827812, US6800051, US6739370, US6635002, US6626570, US6571850, US6416220, US6393809, US6381919, US6272815, US6247293, US6195967, US6190044, US6153039, US6090235, US6090028, US6080093, US6068585, US6033516, US6030120, US6024489, US6015373, US6012268, US5857952, US5827392, US5772569, US5770839, US5653844, US5537802, US5474383, US5462166, US5341930, US5242365, US5236531, US5006186, US4997504, US2015266282, US2015030265, US2014283484, US2014274636, US2014224697, US2014205210, US2014024511, US2013272629, US2013008134, US2013005555, US2012261295, US2012258228, US2012230611, US2011283994, US2011118098, US2011082019, US2011077139, US2011052106, US2011019944, US2010294153, US2010293897, US2010287801, US2010192520, US2010189380, US2010166988, US2010158418, US2010154362, US2010061663, US2009263546, US2009221408, US2009175565, US2009159192, US2009148636, US2009105385, US2008154219, US2008118674, US2008118673, US2007298224, US2007269573, US2007262479, US2007227814, US2007223844, US2007213423, US2007212502, US2007132122, US2007095790, US2007092731, US2007088299, US2007048476, US2007045967, US2007044906, US2007036980, US2006100368, US2006100333, US2006099368, US2006087113, US2006004147, US2006004142, US2006004117, US2006003127, US2006003126, US2006003123, US2006003122, US2006003120, US2006000801, US2005221038, US2005176569, US2005152624, US2005139508, US2005102179, US2005100251, US2005087293, US2005053737, US2005003155, US2004245270, US2004157011, US2004089640, US2004025476, US2004007494, US2003131946, US2003079824, TWI523754, EP3037254, EP1785260, EP1621333, EP1616696, EP1614528, EP1380408, EP1380408, EP1294326, EP1294326, EP0765744, EP0765744, CN1879580, CN105235291, CN103909682, CN103909682, CN103909679, CN103909679, CN103108811, AU679815, AU2011256139, AU2001267334,																							

Abstract:

A method and apparatus for high speed pouch or bag making from thin, heat-sensitive thermoplastic film webs or multiply webs of paper, film and foil in which the seal pattern may be simple or complex sealing and in which the method is applied to a continuously moving web and sealing is achieved at temperatures below the softening temperatures of the film or the sealing interfaces. A method of forming an open pouch comprising the steps of continuously driving an elongated web of pouch forming material at a constant speed along a pouch making path which extends continuously through a web coating station, a web collating station, an E.B. curing station and a web cutting station. A pattern of a coating is applied to a first surface of a first continuous web of pouch forming material as it is driven continuously through the web coating station to render the interface bondable at a seal line and non-bondable in the area of the storage compartment when subjected to electron beam radiation. A second web is directed into a face-to-face relationship with the first web in the collating station and the collated webs are driven through the E.B. curing station and irradiated with E.B. radiation to bond the bondable areas of the web at the interface while leaving the non-bondable areas free from securement and the pouches are cut from the webs by severing along transverse cut lines.



Title: PACKAGE FOR INDIVIDUAL, DISPOSABLE SANITARY ARTICLES AND A METHOD OF MANUFACTURING SUCH A PACKAGE

Priority: SE19840005952 19841126

Family:	Publication number	Publication date	Application number	Application date
	AU198550330 A1	19860605	AU19850050330	19851125
	AU588261 B2	19890914	AU19850050330	19851125
	DE3541753 A1	19860528	DE19853541753	19851126
	FR2573732 A1	19860530	FR19850017400	19851125
	FR2573732 B1	19900914	FR19850017400	19851125
	GB2167375 A1	19860529	GB19850029077	19851126
	GB2167375 B2	19881229	GB19850029077	19851126
	GB8529077 A0	19860102	GB19850029077	19851126
	JP61164974 A2	19860725	JP19850264709	19851125
	NL8503240 A	19860616	NL19850003240	19851125
	SE450461 B	19870629	SE19840005952	19841126
	SE450461 C	19871008	SE19840005952	19841126
	SE8405952 A	19860527	SE19840005952	19841126
	SE8405952 A0	19841126	SE19840005952	19841126
	SE8405952 L	19860527	SE19840005952	19841126
	US4735316 A	19880405	US19850802213	19851126

Probable Assignee: MOELNLYCKE AB

Assignee(s):(std): MOELNLYCKE AB

Assignee(s): MOELNLYCKE AB TE GOTENBURG ZWEDEN ; MOLNLYCKE A B ; MOLNLYCKE AB ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWE ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWEDEN ; MOLNLYCKE S 40503 GOTEBOG SWEDEN A CORP AB

Inventor(s):(std): YURUBUN BUIDORANDO ; WIDLUND URBAN ; WIDLUND U ; NOREBERG CARL DANIEL ; NOREBERG C D ; KAARU DANIEERU NOREBUERUGU ; FROIDH ARNE ; FROIDH A ; FROEIDH ARNE ; SUTEUE ARUSENBUIKU ; ARUNE FURIYOIDO ; ALSENVIK STEWE ; ALSENVIK S

Inventor(s): ARNE FROIDH ; STEWE ALSENVIK ; CARL DANIEL NOREBERG ; URBAN WIDLUND ; A FROIDH ; ARNE FROIDH STEWE ALSENVIK URBAN WIDLUND ET CARL D ; ARNE FROIDH STEWE ALSENVIK URBAN WIDLUND ET CARL DANIEL NOREBERG ; C D NOREBERG ; S ALSENVIK ; U WIDLUND ; 4 C D NOREBERG ; 3 U WIDLUND ; 2 S ALSENVIK ; 1 A FROIDH

Agent(s): GRIFFITH HACK

International class (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/551 B65D85/07 B65D85/16 (Advanced/Invention); B65D85/16 (Advanced/Non-invention); A61F13/15 B65D85/16 (Core/Invention)

International class (IPC 1-7): A41B13/02 A61F13/16 A61F13/18 A61F5/44 B65B11/00 B65B11/02 B65B11/10 B65B25/00 B65D75/06 B65D75/20 B65D75/40 B65D75/44 B65D75/52 B65D81/36 B65D85/00 B65D85/16

CPC: A61F13/5514 A61F13/551 A61F2013/8402

European class: A61F13/551B2B K61F13/551 K61F13/84A

US class: 206/438 206/440 206/494 229/87.03 229/DIG.3 383/120 604/397

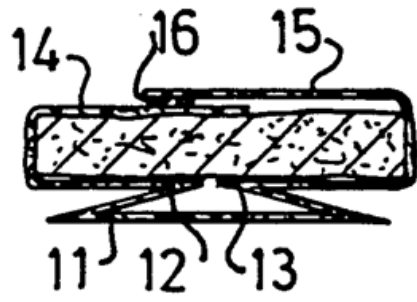
[Classification Explorer](#)

Cited documents: US4564108 A, US4551145 A, US4402689 A, US4284227 A, US4182336 A, US3973567 A, US3877432 A, US3717244 A, US3674195 A, US3369657 A, US3230956 A, US3058469 A, US3035578 A, US3024788 A, US2705104 A, US2628764 A, US2364943 A, US2296951 A, US1951011 A, US1846584 A, GB999002 A, GB590719 A, GB272573 A, GB2060398 A1, GB1564632 A, GB1530541 A, GB1185860 A, FR2462351 A1, DE3146067 A1,

Forward Citations: WO12087191, WO02094151, WO0152784, WO0132526, WO0044325, USH1363, US8936584, US8845609, US8403903, US8381907, US8286793, US8231590, US7601146, US7243477, US7231751, US7194848, US7188748, US7181894, US7181893, US7178312, US7150354, US7004320, US6669676, US6551431, US6391011, US6363890, US6063065, US5993430, US5887722, US5803256, US5706950, US5611430, US5569228, US5484636, US5391162, US5350067, US5287960, US5259902, US5259503, US5193684, US5088993, US5037418, US5037417, US4917675, US4857066, US2015239589, US2013123730, US2012078210, US2011257616, US2010078348, US2010042064, US2009294315, US2009084073, US2009071862, US2008152264, US2008077104, US2007239127, US2007130886, US2007107383, US2007107382, US2007049891, US2006231429, US2006206084, US2006206083, US2006206082, US2006206081, US2006206080, US2006206078, US2006179794, US2006025739, US2005189307, US2005165377, US2005159723, US2005159718, US2005155900, US2005155898, US2005155897, US2005154365, US2005143706, US2005143702, US2005143700, US2005139503, US2005138894, US2005131368, US2005102139, US2005015052, US2004178104, US2004176735, JP4230779, JP4178039, JP2002094151, JP2002094146, GB2386108, GB2221667, EP1267783, EP1097878, EP1097878, EP0532649, DE3923289, DE19903285,

Abstract:

The invention relates principally to a package adapted for disposable sanitary articles, preferably sanitary napkins and incontinence articles, and secondly to a method of manufacturing such a product. The primary distinguishing feature thereof is that, in a manner known per se, it is designed as a bag of a liquid impervious material, which bag in its packaging stage compactly encloses a disposable article, and that pleats or the like are arranged allowing the bag, after opening and removal of the enclosed article, to expand by one or more pleats spreading out for the accommodation of a used article of the kind in question.



Title: PACKAGE FOR INDIVIDUAL, DISPOSABLE SANITARY ARTICLES AND A METHOD OF MANUFACTURING SUCH A PACKAGE

Priority: SE19840005953 19841126

Family:	Publication number	Publication date	Application number	Application date
	AU198550333 A1	19860605	AU19850050333	19851125
	AU594313 B2	19900308	AU19850050333	19851125
	DE3541763 A1	19860528	DE19853541763	19851126
	FR2578227 A1	19860905	FR19850017399	19851125
	FR2578227 B1	19900817	FR19850017399	19851125
	GB2167382 A1	19860529	GB19850029078	19851126
	GB2167382 B2	19881214	GB19850029078	19851126
	GB8529078 A0	19860102	GB19850029078	19851126
	JP61164975 A2	19860725	JP19850264710	19851125
	NL8503239 A	19860616	NL19850003239	19851125
	SE450462 B	19870629	SE19840005953	19841126
	SE450462 C	19871008	SE19840005953	19841126
	SE8405953 A	19860527	SE19840005953	19841126
	SE8405953 A0	19841126	SE19840005953	19841126
	SE8405953 L	19860527	SE19840005953	19841126
	US4765477 A	19880823	US19850802212	19851126

Probable Assignee: MOELNLYCKE AB

Assignee(s):(std): MOELNLYCKE AB

Assignee(s): MOELNLYCKE AB TE GOTENBURG ZWEDEN ; MOLNLYCKE A B ; MOLNLYCKE AB ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWE ; MOLNLYCKE AB S 40503 GOTEBOG SWEDEN A CORP OF SWEDEN ; MOLNLYCKE S 40503 GOTEBOG SWEDEN A CORP AB ; MOLNLYCKE AB

Inventor(s):(std): ALSENVIK S ; ALSENVIK STEWE ; FROEIDH ARNE ; FROIDH A ; FROIDH ARNE ; KAARU DANIEERU NORENBUEUGU ; NORENBURG C D ; NORENBURG CARL DANIEL ; SUTEUE ARUSENBUIKU ; WIDLUND U ; WIDLUND URBAN ; YURUBUN BUIDORANDO ; ARUNE FURIYOIDO

Inventor(s): CARL DANIEL NORENBURG ; S ALSENVIK ; C D NORENBURG ; A FROIDH ; U WIDLUND ; URBAN WIDLUND ; STEWE ALSENVIK ; ARNE FROIDH ; ARNE FROIDH STEWE ALSENVIK URBAN WIDLUND ET CARL D ; ARNE FROIDH STEWE ALSENVIK URBAN WIDLUND ET CARL DANIEL NORENBURG ; 1 A FROIDH ; 2 U WIDLUND ; 3 S ALSENVIK ; 4 C D NORENBURG

Agent(s): GRIFFITH HACK

International class (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/551 B65D85/07 B65D85/16 (Advanced/Invention); B65D85/16 (Advanced/Non-invention); A61F13/15 B65D85/16 (Core/Invention)

International class (IPC 1-7): A41B13/02 A61F13/16 A61F13/18 A61F5/44 B65B11/00 B65B11/02 B65B11/06 B65B11/10 B65B25/00 B65B51/10 B65D65/14 B65D65/28 B65D75/20 B65D75/28 B65D75/52 B65D81/00 B65D81/36 B65D85/00 B65D85/16

CPC: A61F13/5514 A61F13/551 A61F2013/8402

European class: A61F13/551B2B K61F13/551 K61F13/84A

US class: 206/438 206/460 383/4 604/358

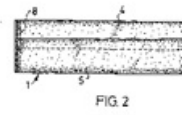
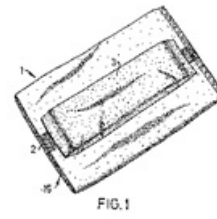
[Classification Explorer](#)

Cited documents: US4556146 A, US4493713 A, US4402689 A, US4203520 A, US4085753 A, US3973567 A, US3973045 A, US3877432 A, US3865110 A, US3652006 A, US3490576 A, US3391855 A, US3369657 A, US3137387 A, US3115295 A, US3035578 A, US2952354 A, US2766927 A, GB560879 A, GB2060398 A1, GB2051579 A1, DE3146067 A1, DE2914590 A1,

Forward Citations: WO9903436, WO9717267, WO09136826, WO04103235, WO0208087, USH1788, USH1724, USH1363, USD529710, US8936584, US8562579, US8518005, US8419700, US8357134, US8231590, US8118166, US7857135, US7815050, US7243477, US7231751, US7194848, US7188748, US7181894, US7181893, US7178312, US7150354, US6702116, US6635039, US6391011, US6316688, US6183587, US6115997, US6063065, US6041928, US5993430, US5820616, US5613964, US5599339, US5569228, US5484636, US5429631, US5287960, US5259902, US5193684, US4857066, US2015239589, US2013123730, US2012078210, US2010130954, US2010130953, US2009294315, US2009157033, US2008314787, US2008154221, US2008087567, US2008077104, US2007130886, US2007107383, US2007107382, US2006231429, US2006206082, US2006206081, US2006206080, US2006206078, US2006179794, US2006025739, US2005228354, US2005165377, US2005159723, US2005154365, US2005143700, US2005137554, US2005131368, US2005102139, US2004232024, US2004176735, US2004172002, US2004168947, US2004167490, US2004167489, US2004082654, JP4906279, JP2006340982, GR89100537, GR89100439, GR89100439, GR89100537, GR89100439, GB2407307, GB2386108, EP2039623, EP1479361, EP0958189, EP0532649, EP0357000, EP0350924, DE3923289, DE3823395, AU725809,

Abstract:

A package for disposable sanitary articles such as sanitary napkins, incontinence products and the like, in which for each single article there is provided a wrapper formed of a bag-shaped package blank which, with the article applied to one of its outsides, is folded around the article. After the article is used, what was originally the wrapper is usable as a bag in which to dispose of the used article.



Title: METHOD OF MAKING FLAPPED ENVELOPE WITH PEEL-OFF STRIP FOR BAND OF PRESSURE-SENSITIVE ADHESIVE

Priority: US19890420887 19891013

Publication number	Publication date	Application number	Application date
US5041072 A	19910820	US19890420887	19891013

Probable Assignee: CONSOLIDATED GRAPHICS INC

Assignee(s):(std): CYRIL SCOTT CO ; CYRIL SCOTT COMPANY

Assignee(s): CONSOLIDATED GRAPHICS INC ; CYRIL SCOTT CO A CORP OF OH

Inventor(s):(std): MCCLELLAND E LESLIE

International class
(IPC 8-9): B31B19/00 (Advanced/Invention);
B31B19/00 (Core/Invention)

International class
(IPC 1-7): B31B23/24 B31B23/62

CPC: B31B70/00 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/102

European class: L31B219/60B L31B221/10 L31B221/10A

US class: 493/188 493/212

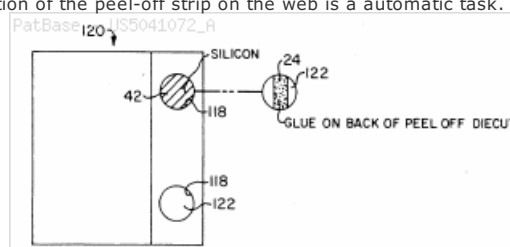
[Classification Explorer](#)

Cited documents: US4854610 A, US4785940 A, US4767654 A, US4759643 A, US3512457 A, US2483604 A,

Forward Citations: US9850031, US8256194, US6994899, US6986306, US6508020, US6406586, US6301813, US6092317, US6068903, US6048098, US5871828, US5788377, US5687495, US5590912, US5582888, US5474229, US2009321502, US2006087113, US2005049130, US2004191455, US2003167944, EP1619013,

Abstract:

In making the product, the manufacturer coats a longitudinal band of a web with a release coating. A longitudinal pressure-sensitive adhesive strip is applied in a longitudinal band on the web. Transverse glue lines are provided and the web is longitudinally folded, bringing two portions of the web into face-to-face contact. As a result, the transverse glue lines define individual envelope pockets and the release-coated surface on the first web portion becomes applied to the longitudinal adhesive strip on the second web portion. At the same time, the release-coated band of the first web portion is longitudinally severed from the remainder of the first web portion, thereby creating a separate peel-off strip removably covering the band of pressure-sensitive adhesive. The peel-off strip is manufactured while the envelope is being manufactured, and out of the same paper or paper-like material. The manufacturer can print, e.g. in multi-colors, on the portion of the web that becomes the peel-off strip, so that it can bear more attractive, more imaginative graphics, and registration of the peel-off strip on the web is an automatic task.



Title: METHOD FOR CONTINUOUSLY PRODUCING ENVELOPES, BAGS, AND SHIPPING POUCHES AND THE PRODUCT SO PRODUCED

Priority: DE19914105140 19910220 DE19925005051 19920213 CA19922061436 19920218
US19920839108 19920220 DE19934317071 19930521 US19940240540 19940510
DE19945006598 19940513 CA19942124064 19940520 US19940246832 19940520
US19950427893 19950426

Family:	Publication number	Publication date	Application number	Application date
	AT133128 E	19960215	AT19920102391T	19920213
	AT169269 E	19980815	AT19940107410T	19940513
	CA2061436 AA	19920821	CA19922061436	19920218
	CA2124064 AA	19941122	CA19942124064	19940520
	DE4105140 A1	19920827	DE19914105140	19910220
	DE4317071 A1	19941124	DE19934317071	19930521
	DE59205051 D1	19960229	DE19925005051	19920213
	DE59406598 D1	19980910	DE19945006598	19940513
	EP0499966 A2	19920826	EP19920102391	19920213
	EP0499966 A3	19930728	EP19920102391	19920213
	EP0499966 B1	19960117	EP19920102391	19920213
	EP0630743 A1	19941228	EP19940107410	19940513
	EP0630743 B1	19980805	EP19940107410	19940513
	ES2082244 T3	19960316	ES19920102391T	19920213
	ES2119016 T3	19981001	ES19940107410T	19940513
	JP5261847 A2	19931012	JP19920069289	19920218
	JP7144378 A2	19950606	JP19940131475	19940520
	US5478302 A	19951226	US19950427893	19950426
	US5558612 A	19960924	US19940246832	19940520

Probable Assignee: WINKLER AND DUENNEBIER MASCHF UNDEISENGIESSEREI KG

Assignee(s):(std): WINKLER DUENNEBIER KG MASCH ; WINKLER DUENNEBIER MASCH KG ; WINKLER AND DUENNEBIER MASCHIN

Assignee(s): WINKLER AND DUENNEBIER MASCHINENFABRIK UND EISENGI ; WINKLER DUENNEBIER MAS FAB AND EISENGIESS GMBH AND ; WINKLER DUENNEBIER MAS FAB AND EISENGIESS GMBH AND CO ; WINKLER DUENNEBIER MASCHF AND EISENGIESS GMBH AND CO ; BLUMLE MARTIN ; WINKLER AND DUENNEBIER GMBH ; WINKLER AND DUENNEBIER MASCH ; WINKLER AND DUENNEBIER MASCHF U EISENGIESEREI 56564 NEUWIED DE KG ; WINKLER AND DUENNEBIER MASCHF U EISENGIESSEREI 5450 NEUWIED DE KG ; WINKLER AND DUENNEBIER MASCHF UNDEISENGIESSEREI KG ; WINKLER AND DUENNEBIER MASCHF U EISENGIESSEREI KG ; WINKLER AND DUENNEBIER MASCHINENFABRIK UND EISENGIESSEREI KG ; WINKLER AND DUENNEBIER MASCHINENFABRIK UND EISENGIESSEREI KG 5450 NEUWIED DE ; WINKLER AND DUENNEBIER MASCHINENFABRIK UND EISENGIESSEREI KG 56564 NEUWIED DE ; WINKLER AND DUNNEBIER MASCHINENFABRIK UND EISENGIESSEREI KG ; WINKLER AND DUNNEBIER MASCHF U EISENGIESSEREI KG

Inventor(s):(std): BL E UML U EE MLE MARTIN ; BLUEMLE MARTIN ; BLUMLE MARTIN ; MARUTEIN BURIYUMURE

Inventor(s): BL AND E UML U AND EE MLE MARTIN ; BLUEMLE MARTIN 5451 HORHAUSEN DE ; BLUEMLE MARTIN D 56593 HORHAUSEN DE ; BLUEMLE MARTIN W 5451 HORHAUSEN DE

Agent(s): MACRAE AND CO

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

International class (IPC 8-9): B31B19/00 B31B23/00 B31B23/26 B31B23/74 B31B29/00 B31B29/02 B31B3/60 B31B33/26 B31B33/60 B31B37/00 B31B37/60 B65D27/00 B65D30/18 B65D30/20 B65D5/18 (Advanced/Invention); B31B23/00 B31B29/00 B31B3/00 B65D5/00 (Core/Invention)

International class (IPC 1-7): B31B1/54 B31B19/00 B31B23/00 B31B23/26 B31B23/60 B31B23/74 B31B25/26 B31B29/00 B31B29/02 B31B29/26 B31B3/60 B31B31/26 B31B31/60 B31B33/26 B31B33/60 B31B37/00 B31B37/60 B65D27/00 B65D27/02 B65D30/18 B65D5/18 B65D5/32 B65D77/04

CPC: B65D31/10 B65D31/08 B31B70/261 B31B70/62 B31B2150/00 B31B2150/001 B31B2155/00 B31B2155/0012 B31B2160/106 B31B2160/20 B31B2150/0016 B31B70/00 B31B2160/10

European class: B31B19/26 B31B19/62 B31B29/00 B31B37/00 B65D31/08 B65D31/10 L31B219/26K L31B219/60B L31B221/10C L31B221/20 L31B221/40 L31B221/40C L31B237/20 L31B237/40A

US class: 493/177 493/178 493/180 493/183 493/235 493/263 493/264

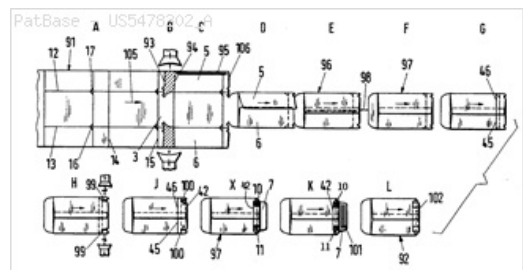
[Classification Explorer](#)

Cited documents: US971780 A, US543571 A, US4582552 A, US3974959 A, US3967544 A, US3466981 A, US3361335 A, US2570047 A, US2428396 A, US2159853 A, US2153848 A, US2012357 A, US1029784 A, GB840340 A, GB2017641 A1, FR2601899 A1, FR2207456 A5, EP0006037 B1, DE915295 A, DE8717056 U1, DE421009 A, DE4105140 A1, DE3613117 A1, DE3433347 A1, DE3145966 C2, DE3145966 A1, DE241009 A, DE1411219 B, DE1163129 B, DE1008561 B, CH406054 A,

Forward Citations: WO15131784, US9545768, US6827679, US2011259516, US2011249918, US2004220035, JP3953983, JP2005001730, DE4317071, DE19501886,

Abstract:

The invention relates to a method for the continuous manufacture of envelopes, bags, shipping pouches, or the like, of web type material, especially paper or the like, with or without side folds, including lateral gumming or central gumming and with a respective folded and glued bed bottom, whereby the web type material is first precreased, cut, provided with adhesive or gummed, folded, severed, prefabricated into a tubular blank, and finally closed at its bottom. The gist of the invention comprises: a) that the steps for forming the bottom take place during a continuous feed advance, and b) that the material serving for the formation of the lower bottom flap (42) is displaced backwardly opposite to the transport direction in a zig-zag fold during the bottom formation, c) whereby bottom side tongues (10, 11) lay themselves laterally outwardly in the case of an envelope, a bag, or a shipping pouch, with side folds (63, 64), and d) whereby said bottom side tongues lay themselves over inwardly in case of an envelope, a bag, or a shipping pouch without side folds.



Title: BAGS AND METHOD OF MAKING SAME

Priority: US19930133639 19931007 WO1994US11346 19941006 US19950454374 19950606

Family:

Publication number	Publication date	Application number	Application date
AU199479686 A1	19950501	AU19940079686	19941006
CA2170769 AA	19960229	CA19942170769	19941006
CA2170769 C	20051004	CA19942170769	19941006
EP0730524 A1	19960911	EP19940930626	19941006
EP0730524 B1	19990310	EP19940930626	19941006
US5417639 A	19950523	US19930133639	19931007
US5957824 A	19990928	US19950454374	19950606
WO9509727 A1	19950413	WO1994US11346	19941006

Probable Assignee: AUTOMATED PACKAGING SYSTEMS INC

Assignee(s):(std): AUTOMATED PACKAGING SYST INC ; CRONAUER WILLIAM M ; LERNER BERNARD

Assignee(s): AUTOMATED PACKAGING SYSTEMS INC

Inventor(s):(std): CRONAUER WILLIAM M ; LERNER BERNARD

Inventor(s): WILLIAM M CRONAUER ; BERNARD LERNER

Agent(s): RIDOUT AND MAYBEE 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 US UZ VN

International class (IPC 8-9): B31B19/90 B31B19/94 B31B23/00 B31B27/00 B31B70/74 (Advanced/Invention); B31B23/00 (Advanced/Non-invention); B31B19/00 B31B23/00 B31B27/00 (Core/Invention)

International class (IPC 1-7): B31B1/14 B31B1/60 B31B27/00

CPC: B31B70/00 B31B50/18 B31B70/81 B31B70/942 B31B70/946 B31B2150/00 B31B2150/002 B31B2155/00 B31B2155/002 B31B2160/10 B31B2160/102 B31B2160/106

European class: B31B1/18 B31B19/90 B31B19/94 B31B23/00 B31B27/00 B31B27/00H L31B201/14F1 L31B219/90 L31B219/92A2 L31B219/92A3 L31B221/00 L31B237/10 L31B237/50

US class: 493/196 493/223 493/238 493/267 493/346 493/380

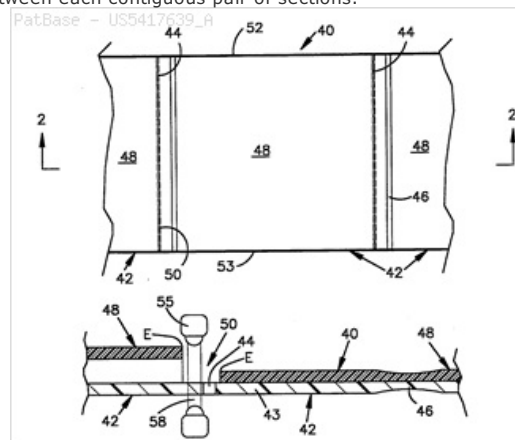
[Classification Explorer](#)

Cited documents: US5341625 A, US5221567 A, US5215275 A, US4337058 A, US4306656 A, US4232589 A, US4201029 A, US4014154 A, US3990625 A, US3765597 A, US3682051 A, US3679127 A, US3533331 A, US3448555 A, US3254828 A, US3254468 A, US3060075 A, US3027065 A, US2880925 A, US2773285 A, US2392206 A, US2347439 A, FR2241405 A1, DE1934041 A1,

Forward Citations: WO16154448, USD464257, US9623622, US9617102, US8887978, US8549822, US8307617, US8141329, US8069635, US7950204, US7654064, US7510515, US7448185, US6948294, US6945695, US6742321, US6550226, US6379292, US6267714, US6135281, US5993368, US2011211775, US2010122512, US2009064637, US2009031675, US2009000255, US2008010944, US2007240386, US2007151213, US2006154793, US2006035777, US2005261119, US2005049130, US2004255558, US2004255556, US2004251371, US2004035747, US2003232708,

Abstract:

A container strip in the form of a chain of interconnected preopened bags with openings having longitudinal dimensions of at least about 1/32 inch is disclosed. The container strip provides greatly enhanced facility for bag registration and opening during packaging operations utilizing the improved container strip. A process of forming a chain of pre-opened bags is also disclosed. Face and back plastic webs are independently fed along individual paths of travel to a common path. The webs are differentially tensioned while in their independent paths by stretching the face web more than the back web such that the face web will retract longitudinally more than the back web upon release of the web tension. While so tensioned edge seals are formed between the webs to convert the webs into a tube and longitudinally spaced transverse seals are formed between the webs to delineate bottoms of bags. Transverse lines of weakness are formed in said back web to facilitate separation of bags from the remainder of the web during a subsequent use. Tension in individual bag sections of the face web is released by forming longitudinally spaced transverse separations of the sections and thereby producing a space between each contiguous pair of sections.

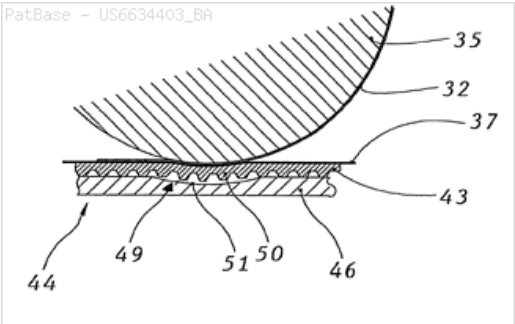


Title: WINDOW BONDING STATION
Priority: DE20001002544 20000121 DE20015003168 20010115
Family:

Publication number	Publication date	Application number	Application date
DE10002544 A1	20010726	DE20001002544	20000121
DE50103168 D1	20040916	DE20015003168	20010115
EP1122058 A2	20010808	EP20010100804	20010115
EP1122058 A3	20020710	EP20010100804	20010115
EP1122058 B1	20040811	EP20010100804	20010115
US6634403 BA	20031021	US20010767371	20010122

Probable Assignee: WINKLER AND DUENNEBIER AG
Assignee(s):(std): WINKLER AND DUENNEBIER AG
Assignee(s): WINKLER AND DUENNEBIER AKTIENGESELLSCHAFT
Inventor(s):(std): BLUEMLE MARTIN
Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
International class (IPC 8-9): B31B19/00 B31B19/82 (Advanced/Invention); B31B19/00 (Core/Invention)
International class (IPC 1-7): B31B1/82 B31B19/00 B31B19/82 B32B31/20
CPC: Y10S493/919 Y10T156/1092 Y10T156/1702 Y10T156/1744 Y10T156/1768 B31B70/62 B31B70/82 B31B70/826 B31B2150/00 B31B2160/102 B31B70/00 B31B2160/10
European class: B31B19/62 B31B19/82 B31B21/00 L31B219/60B L31B219/90H L31B219/90H2 L31B221/10A
US class: 156/299 156/539 156/556 156/566 493/222 493/256 493/919
[Classification Explorer](#)
Cited documents: US6530869 BB, US5429576 A, US5057181 A, US4108710 A, US4029537 A, US3618935 A, US3400641 A, US2880656 A, US2096789 A, GB495228 A, EP0095890 B1, EP0095890 A1, DE1001581 B, DE1001581 A,
Forward Citations: CN105150593, CN105150593,

Abstract:
In an apparatus for bonding window pieces to envelope blanks having window cut-outs, window pieces are cut from a transparent material web and then the window pieces and envelope blanks are brought together by a suction roller serving as a bonding cylinder and joined to one another by adhesive applied onto the window pieces by a gluing mechanism while the window piece is on the suction roller before being joined to the envelope blank. A suction belt conveyor device is provided, at least in the region of the joining location, as a carrier for the envelope blanks and as a counter-tool for the suction roller serving as a bonding cylinder.



Title: PACKAGE FOR ABSORBENT ARTICLES

Priority: US20000713496 20001115 US20000713565 20001115 US20000713596 20001115
 US20000713604 20001115 US20000713497 20001115 US20010965842 20010928
 US20010043895 20011109 US20010010934 20011113 US20010008353 20011113
 US20010010927 20011113 US20010007634 20011113 AU20020227058 20011115
 CN20018021974 20011115 EP20010996017 20011115 WO2001US44975 20011115
 US20040760877 20040120 US20040761042 20040120 AU20050229747 20051107

Family:	Publication number	Publication date	Application number	Application date
	AR035504 AA	20040602	AR2001P105343	20011115
	AR035949 AB	20040728	AR2002P101161	20020327
	AR035950 AB	20040728	AR2002P101162	20020327
	AR035951 AB	20040728	AR2002P101163	20020327
	AR035952 AB	20040728	AR2002P101164	20020327
	AR035953 AB	20040728	AR2002P101165	20020327
	AU2002227058 AA	20020527	AU20020227058	20011115
	AU2002227058 BB	20051201	AU20020227058	20011115
	AU200227058 A1	20020527	AU20020027058	20011115
	AU200227058 A5	20020527	AU20020027058	20011115
	AU2005229747 AA	20051124	AU20050229747	20051107
	AU2005229747 BB	20090326	AU20050229747	20051107
	BRPI0115422 A	20040203	BR2001PI15422	20011115
	BRPI0115422 B1	20120821	BR2001PI15422	20011115
	CA2427286 AA	20030428	CA20012427286	20011115
	CA2427286 C	20100518	CA20012427286	20011115
	CN100500122 C	20090617	CN200510067018	20011115
	CN101822593 A	20100908	CN201010119627	20011115
	CN101822593 B	20130116	CN201010119627	20011115
	CN102652697 A	20120905	CN201210134974	20011115
	CN102652697 B	20140625	CN201210134974	20011115
	CN102652698 A	20120905	CN201210135434	20011115
	CN102652698 B	20150729	CN201210135434	20011115
	CN1492752 A	20040428	CN20018021974	20011115
	CN1492752 B	20120704	CN20018021974	20011115
	CN1679456 A	20051012	CN200510067018	20011115
	DE60144295 D1	20110505	DE20016044295	20011115
	EP1357877 A2	20031105	EP20010996017	20011115
	EP1357877 B1	20110323	EP20010996017	20011115
	EP1762208 A2	20070314	EP20060019695	20011115
	EP1762208 A3	20101215	EP20060019695	20011115
	HK1065466 A3	20050225	HK20040108382	20041026
	IN00692CN2003 A	20050415	IN2003CN00692	20030508
	JP2004518587 T2	20040624	JP20020542318T	20011115
	JP2007296389 A2	20071115	JP20070210986	20070813
	JP2009040507 A2	20090226	JP20080258502	20081003
	KR100988696 B1	20101018	KR20097004135	20011115
	KR20030059819 A	20030710	KR20037006591	20011115
	KR20090025393 A	20090310	KR20097004135	20011115
	MXPA03004307 A1	20030819	MX2003PA04307	20011115
	RU2003117701 A	20050210	RU20030117701	20011115
	RU2286758 C2	20061110	RU20030117701	20011115
	TH56488 A	20030502	TH20011004617	20011114
	US2002056655 AA	20020516	US20010965842	20010928
	US2002060167 AA	20020523	US20010010934	20011113
	US2002063076 AA	20020530	US20010008353	20011113
	US2002079246 AA	20020627	US20010010927	20011113
	US2002084203 AA	20020704	US20010007634	20011113
	US2003089633 AA	20030515	US20010043895	20011109
	US2004144679 AA	20040729	US20040760877	20040120
	US2004149614 AA	20040805	US20040761042	20040120
	US6681934 BB	20040127	US20010008353	20011113
	US6705465 BB	20040316	US20010010927	20011113
	US6708823 BB	20040323	US20010007634	20011113
	US6913146 BB	20050705	US20010043895	20011109
	US7178671 BB	20070220	US20010010934	20011113
	WO0239943 A2	20020523	WO2001US44975	20011115
	WO0239943 A3	20030227	WO2001US44975	20011115
	WO0239943 C2	20030123	WO2001US44975	20011115
	ZA200303292 A	20040429	ZA20030003292	20030429

Probable Assignee: KIMBERLY CLARK CORP

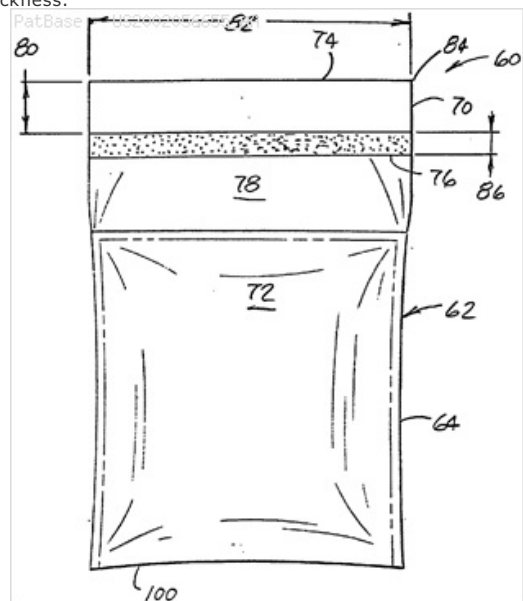
Assignee(s):(std): BECHYNE KAMI L ; COTTINGHAM JEFFERY R ; HUFFMAN DAWN M ; KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORDWIDE INC ; KOLTERJOHN ALISON B ; LASKA DENNIS P ; LING LU ; MAXTON JACQUELINE M ; NICHOLS ANN M ; XUEEN HAO ; MARTIN SCOTT R ; MCMANUS JAMES D ; TWITCHELL BRIAN G ; SOREBO HEATHER A ; MCDANIEL MARY LOU ; MOE EMILY M

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDDVAJD INK

Inventor(s):(std): BECHYNE KAMI L ; COTTINGHAM JEFFERY R ; COTTINGHAM JEFFREY R ; HUFFMAN DAWN M ; KIMBERLY CLARK WORLDWIDE INC ; KOLTERJOHN ALISON B ; LASKA DENIS P ; LASKA DENNIS P ; LING LU ; MARTIN SCOTT R ; MAXTON JACQUELINE M ; MCDANIEL MARY LOU ; MCMANUS JAMES D ; MOE EMILY M ; NICHOLS ANN M ; SOREBO HEATHER A ; TWITCHELL BRIAN G ; XUEEN HAO ; XUENN HAO ;

	NICHOLS A M ; MAXTON J M ; MOEEM ; LY M ; LU LING ; LOU MCDANIEL MARY ; HAO XUENN ; HAO XUEEN ; JM MAXTON ; KOLLTER JOHN ALISON B ; AM NICHOLS ; SOLAB H A ; TWEETCHEL B G ; MO E M ; MARTIN S R ; MACMANUS J D ; MACDANIEL ; LING LV ; KOHLT JOHN A B ; JAMES D P ; HUFFMAN D M ; TVICHEL BRAJEHN G ; SOREBO KHIZER A ; NIKOLS EHNN M ; MOU EHMILI M ; MARTIN SCOTT R ; MAKSTON ZHAKLIN M ; MAKMANUS DZHEJMS D ; MAKDEHNIEL MARI LU ; KSUEEN KHAO ; KOTTINGEHM DZHEFFRI R ; KOLTERDZHON EHLISON B ; KHAFFMEHN DON M ; BECHIN KAMI L ; SOREBO HEATHER ; LIU LING ; LING LIU ; EN HAO XUE ; CURTINHAMM J R ; BEANEY K L ; MCMANUS JAMES ; MAXTON JACQUELINE ; LASKA DENNIS ; KOLTERJOHN ALISON ; HUFFMAN DAWN ; COTTINGHAM JEFFERY ; MAXTON JAQUELINE M ; MARTIN SCOTT ; HEATHER SOREBO
Inventor(s):	DENIS P LASKA ; BECHYNE KAMI L KIMBERLY CLARK WORLDWIDE INC ; A M NICHOLS ; ANN M NICHOLS ; ALISON B KOLTERJOHN ; BRIAN G TWITCHELL ; EMILY M MOE ; DENNIS P LASKA ; DAWN M HUFFMAN ; JEFFREY R COTTINGHAM ; J M MAXTON ; HEATHER A SOREBO ; HAO XUE EN ; JAMES D MCMANUS ; JACQUELINE M MAXTON ; KAMI L BECHYNE ; JEFFERY R COTTINGHAM ; LV LING ; MARY LOU MCDANIEL ; SCOTT R MARTIN ; HUFFMAN DAWN M C O KIMBERLY CLARK WORLDWIDE INC ; COTTINGHAM JEFFERY R KIMBERLY CLARK WORLDWIDE INC ; LING LU C O KIMBERLY CLARK WORLDWIDE INC ; LASKA DENNIS P C O KIMBERLY CLARK WORLDWIDE INC ; KOLTERJOHN ALISON B KIMBERLY CLARK WORLDWIDE INC ; MOE EMILY M C O KIMBERLY CLARK WORLDWIDE INC ; MCMANUS JAMES D KIMBERLY CLARK WORLDWIDE INC ; MCDANIEL MARY LOU KIMBERLY CLARK WORLDWIDE INC ; MAXTON JACQUELINE M KIMBERLY CLARK WORLDWIDE INC ; MARTIN SCOTT R C O KIMBERLY CLARK WORLDWIDE INC ; XUEEN HAO C O KIMBERLY CLARK WORLDWIDE INC ; TWITCHELL BRIAN G KIMBERLY CLARK WORLDWIDE INC ; SOREBO HEATHER A KIMBERLY CLARK WORLDWIDE INC ; NICHOLS ANN M KIMBERLY CLARK WORLDWIDE INC
Agent(s):	SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; DAVIES CHRISTOPHER ROBERT; HUGHES ANDREA MICHELLE; WEE HYE SUK; CHANG SOO KIL; SENNIGER POWERS LEAVITT AND ROEDEL
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH 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 ZM ZW
International class (IPC 8-9):	A45D40/00 A61B19/02 A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/551 A61F13/58 A61F13/84 A61F15/00 B65D33/00 B65D33/18 B65D33/20 B65D33/25 B65D75/04 B65D75/20 B65D75/58 B65D77/10 B65D77/30 B65D85/00 B65D85/16 (Advanced/Invention); A61F13/551 (Advanced/Non-invention); A45D40/00 A61B19/00 A61F13/00 A61F13/15 A61F13/20 A61F15/00 B65D33/18 B65D75/04 B65D75/52 B65D77/22 (Core/Invention)
International class (IPC 1-7):	A61B17/06 A61B19/02 A61F013/551 A61F015/00 A61F13/00 A61F13/15 A61F13/472 A61F13/551 A61F15/00 A61L15/00 B65D33/16 B65D33/18 B65D33/20 B65D73/00 B65D75/04 B65D75/20 B65D75/58 B65D77/10 B65D77/30 B65D85/00 B65D85/62
CPC:	A61F13/5514 A61F13/55145 Y10S206/812 A61F15/003 A61B50/31 A61B2050/314 A61F13/55165 A61F13/47209 A61F15/001 A61F2013/8497 B65D33/20 B65D75/20 B65D75/5833
European class:	A61B19/02P4 A61F13/472A A61F13/551B2B A61F13/551B2D A61F13/551D2 A61F15/00B A61F15/00B4 B65D33/20 B65D75/20 B65D75/58E1 K61B19/02P5 K61F13/84G
US class:	206/438 206/440 206/459.5 206/494 206/499 206/812 383/86
Classification Explorer	
Cited documents:	WO9926576 A1, WO9920544 A1, WO9857610 A1, WO9818682 A1, WO9400362 A1, WO0208087 A2, USD365981 S1, USD360577 S1, US900751 A, US6338572 BA, US6257473 BA, US6168022 BA, US6168022 B1, US6131736 A, US6126009 A, US6115997 A, US6059100 A, US6041928 A, US6039175 A, US6015045 A, US5996797 A, US5971153 A, US5954201 A, US5951505 A, US5941641 A, US5884771 A, US5778954 A, US5730294 A, US5699911 A, US5655842 A, US5639523 A, US5579916 A, US5569230 A, US5560798 A, US5476323 A, US5413568 A, US5391136 A, US5358171 A, US5261531 A, US5242057 A, US5082112 A, US5076465 A, US5065868 A, US5054619 A, US5050742 A, US5048687 A, US5046620 A, US4979613 A, US4966286 A, US4964859 A, US4948028 A, US4934535 A, US4917675 A, US4838327 A, US4834241 A, US4786190 A, US4785940 A, US4743245 A, US4739879 A, US4713839 A, US4700841 A, US4679693 A, US4673403 A, US4595392 A, US4556146 A, US4550855 A, US4546029 A, US4502599 A, US4460088 A, US4441613 A, US4286639 A, US4276982 A, US4192420 A, US4131195 A, US4073950 A, US3990872 A, US3982687 A, US3858790 A, US3735918 A, US3730338 A, US3674195 A, US3670876 A, US365981 A, US360577 A, US3557853 A, US3420433 A, US3405861 A, US3338019 A, US3320863 A, US3314464 A, US3310225 A, US3160273 A, US3070280 A, US3062371 A, US2870955 A, US2750033 A, US2603266 A, US2573309 A, US2305402 A, US2002064322 AA, US2002063076 AA, US1750375 A, US1671825 A, KR20000001377 U, GB2277914, FR1482194 A, EP1043004 A2, EP0419770 A1, DE8319608 U, DE9323839 A1, DE3100286, CN2317204, CN2317203, CA2109782 AA, CA2025856 AA, WO17074439, WO13094779, WO05065616, WO05065616, WO05044170, WO05044170, WO04073571, WO04073569, WO04069684, WO04007316, USD665270, USD624437, USD498918, USD494852, US9994376, US9987176, US9974699, US9974698, US9968497, US9868834, US9789011, US9789009, US9775752, US9763835, US9713557, US9713556, US9707133, US9668926, US9649232, US9579238, US9532910, US9492328, US9468566, US9375358, US9346216, US9340363, US9330067, US9326896, US9289330, US9241845, US9216118, US9216116, US9173784, US9072634, US9066838, US9060904, US9050220, US8979815, US8939955, US8936584, US8899418, US8845609, US8766033, US8763807, US8702668, US8657114, US8575417, US8568842, US8524794, US8496637, US8403903, US8388590, US8378165, US8304597, US8262778, US8231590, US8231004, US8211078, US8197455, US8146742, US8142876, US8118166, US8074801, US8057574, US8046892, US8039685, US7988891, US7950522, US7942265, US7924142, US7913845, US7867417, US7819956, US7736688, US7699166, US7669736, US7591496, US7553302, US7523825, US7377395, US7370760, US7321309, US7314135, US7300022, US7243477, US7231751, US7194848, US7188748, US7181894, US7181893, US7179246, US7178671, US7178312, US7168563, US7150354, US6913146, US6911001, US2015114866, US2014335235, US2013220864, US2013126388, US2013001124, US2012294551, US2010276307, US2010260761, US2010244644, US2010243499, US2010121299, US2010051152, US2010022981, US2009325838, US2009277901, US2009230053, US2009188824, US2009071862, US2008312624, US2008302067, US2008277408, US2008214687, US2008208154, US2008206529, US2008093249, US2008077104, US2008054011, US2008053859, US2008023352, US2007299417, US2007233032, US2007157812, US2007090014, US2007049891, US2007045340, US2006289556, US2006238359, US2006231448, US2006201112, US2006135927, US2006135926, US2006131197, US2006129116, US2006129115, US2006129114, US2006124718, US2006096880, US2006096879, US2006071061, US2006025739, US2005261651, US2005228354, US2005165377, US2005159723, US2005155900, US2005155898, US2005155897, US2005154365, US2005145523, US2005143706, US2005143702, US2005143700, US2005139503, US2005138896, US2005137553, US2005131368, US2005102139, US2005092642, US2005015067, US2005015052, US2004226843, US2004211696, US2004186450, US2004176735, US2004172002, US2004168947, US2004167490, US2004167489, US2004149614, US2004122284, US2004064122, US2003089633, US10071841, US10071002, US10053258, US10052242, US10022280, US10004647, RU2632329, RU2619425, RU2608282, RU2574994, RU2523993, RU2469934, PT10938, KR101210025, KR101127409, KR101080502, JP2007513023, JP2007513022, JP2007153375, ITBO20130710, GB2556856, GB2511263, GB2511263, EP3202683, EP1970035, EP1828011, EP1828011, EP1599391, EP1592376, EP1588682, EP1539613, DE10243156, DE10243156, CN104068973, CN104068973, AU2004312075,
Forward Citations:	
Abstract:	

A package including a preselected plural number of absorbent articles arranged in a stack and packaging. The packaging includes a flexible pocket having a recloseable opening. The pocket at least partially defines a hollow interior having a volume, width and length which are functions of the number of articles, and an article width and thickness. The opening has a width and area which are functions of the number of articles, and an article width and thickness.

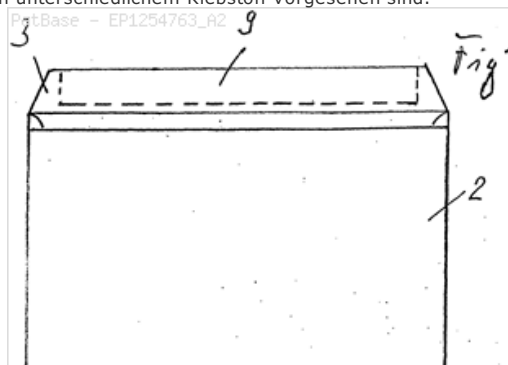


Title: GLUEING STATION FOR MACHINE MAKING ENVELOPES, SHIPPING BAGS AND THE LIKE**Priority:** DE20011022573 20010509 DE20025000983 20020418

Family:	Publication number	Publication date	Application number	Application date
	AT276095 E	20041015	AT20020008695T	20020418
	DE10122573 A1	20021114	DE20011022573	20010509
	DE50200983 D1	20041028	DE20025000983	20020418
	EP1254763 A2	20021106	EP20020008695	20020418
	EP1254763 A3	20030702	EP20020008695	20020418
	EP1254763 B1	20040915	EP20020008695	20020418
	ES2231606 T3	20050516	ES20020008695T	20020418

Probable Assignee: WINKLER AND DUENNEBIER AG**Assignee(s):**(std): WINKLER AND DUENNEBIER AG ; WINKLER DUENNEBIER KG MASCH ; WINKLER DUENNEBIER MASCH KG**Assignee(s):** WINKLER AND DUNNEBIER ; WINKLER AND DUENNEBIER**Inventor(s):**(std): FUCHS SIEGFRIED**Designated states:** AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR**International class**
(IPC 8-9): B31B19/00 B31B19/62 (Advanced/Invention);
B31B19/00 (Core/Invention)**International class**
(IPC 1-7): B05C1/08 B05C5/02 B05C9/14 B31B1/62 B31B19/00 B31B19/62**CPC:** B31B70/00 B31B70/62 B31B2150/00 B31B2160/10**European class:** B31B19/62 B31B21/00 L31B219/60B L31B221/10[Classification Explorer](#)**Cited documents:** US3935810 A, US3672328 A, EP0623458 A2, EP0405023 A1, AT291733 B,**Forward Citations:** US7070652, EP2365899, EP2365899, DE10255485, DE10255485, CN102442017,**Abstract:**

Der Erfindung betrifft eine Klebestation für eine Maschine (1) zum Herstellen von Briefhüllen, Briefumschlägen (2) und/oder von Versandbeuteln und dergleichen, die jeweils eine Verschlussklappe (3) aufweisen, wobei die Klebestation (8,8a) zum Auftragen von Klebstoff (9), insbesondere in Form eines Haftklebers auf die Verschlussklappen (3) dient und wobei der Klebstoff (9) nach dem Auftragen mit einem bis zum Gebrauch schützenden Schutzstreifen (10) abgedeckt wird. Der Kern der Erfindung besteht darin, dass mindestens zwei Einrichtungen (11,11a,12) zum Auftragen von unterschiedlichem Klebstoff vorgesehen sind.

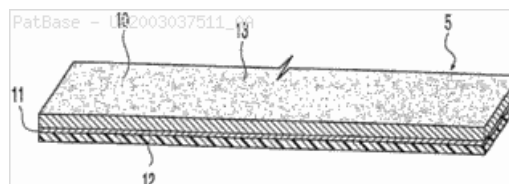


Title: PROCESS FOR MAKING A SELF-CLOSING, RESEALABLE PACKAGE**Priority:** US20010935319 20010821 US20010971822 20011004

Family:	Publication number	Publication date	Application number	Application date
	US2003037511 AA	20030227	US20010935319	20010821
	US2003037512 AA	20030227	US20010971822	20011004

Probable Assignee: INLAND PAPERBOARD AND PACKAGING INC**Assignee(s):** BLOCH GILBERT ; FINESTONE ARNOLD ; FINESTONE ARNOLD B ; INLAND PAPERBOARD AND PACKAGING INC ; SANTELLI THOMAS ROBERT**Inventor(s):(std):** SANTELLI THOMAS ROBERT ; FINESTONE ARNOLD B ; FINESTONE ARNOLD ; BLOCH GILBERT**International class**
(IPC 8-9): B31B19/00 B31B39/00 (Advanced/Invention);
B31B19/00 B31B39/00 (Core/Invention)**International class**
(IPC 1-7): B65B11/00**CPC:** B31B70/00 B31B70/62 B31B2150/00 B31B2155/00 B31B2160/10 B31B2170/20**European class:** B31B19/62 B31B21/00 B31B37/00 L31B219/60B L31B221/10 L31B237/05**US class:** 53/461 53/461P[Classification Explorer](#)**Cited documents:** US6461044 BA, US6436500 BA, US5887722 A, US5606846 A, US5172854 A, US3272422 A,**Forward Citations:** US9205605, US6699541, US2007243396, US2005112345, US2004209024,**Abstract:**

A process for making a resealable package that that is formed from a packaging material, which is coated with cohesive material with a liner covering a portion of the cohesive material such that when the laminate is folded about an article to be enclosed the liner inhibits some of the cohesive from sticking to itself. The packaging material may further include a strip of pressure sensitive adhesive for resealing the package.



Title:

PRESSING DEVICE FOR PASTED-BOTTOM BAGS

Priority:

DE20031037216 20030813 DE20032021261U 20030813

Family:

Publication number	Publication date	Application number	Application date
DE10337216 A1	20050317	DE20031037216	20030813
DE20321261 U1	20060921	DE20032021261U	20030813
WO05018923 A1	20050303	WO2004EP08971	20040809

Probable Assignee:

WINDMOELLER AND HOELSCHER

Assignee(s):(std):

LOECHTE MARTIN ; STEINBERG JUERGEN ; WINDMOELLER AND HOELSCHER

Assignee(s):

WINDMOELLER AND HOELSCHER KG

Inventor(s):(std):

LOECHTE MARTIN ; STEINBERG JUERGEN

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 LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8-9):

B31B1/62 B31B1/92 B31B19/62 B31B29/60 (Advanced/Invention); B31B1/60 B31B1/74 B31B19/00 B31B29/00 (Core/Invention)

International class (IPC 1-7):

B31B1/90 B31B1/96 B31B29/60 B65H29/12

CPC:

B31B2160/20 B31B70/60 B31B2150/00 B31B70/626 B31B2155/00 B31B70/00 B31B2160/10

European class:

B31B19/62 B31B29/60 B31B37/00 L31B219/60 L31B219/60B3 L31B221/20 L31B237/20

Classification Explorer

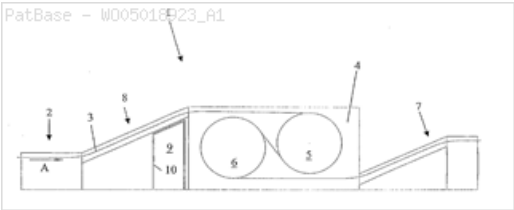
Cited documents:

EP0453111 A1, DE4002156 A1, DE1753634 A1, DE1298873 B, DE1063445 B,

Forward Citations:

WO11063941, EP2481566, EP2481565, EP2481564, DE102011003381, DE102011003380, DE102011003379, DE102009047362, DE102009047362,

Abstract:
The invention relates to a pressing device (1) for pasted-bottom bags in which at least two superposed pressing ribbon (3) form pressing areas wherein the bag bottom areas are superposed and compressed. The bags are transportable between an overlaying post (2) and a batch terminal (7) by said at least two superposed pressing ribbons (3) which are guided by means of drive means and/or a pair of pressing cylinders (5, 6) mounted on a machine frame in such a way that the pressing ribbons (3) are guided by means of at least one section embodied in the form of a bridge of the machine frame (4) which is provided with a free space (9) accessible under the bridge-shaped section.



Title:	PACKAGING COMPONENT WITH SENSORY CUE FOR OPENING																																																																													
Priority:	US20000713496 20001115		US20000713604 20001115		US20000713565 20001115																																																																									
	US20000713497 20001115		US20000713596 20001115		US20010965842 20010928																																																																									
	US20010043895 20011109		AU20020227058 20011115		WO2001US44975 20011115																																																																									
	US20030750424 20031230		US20040005684 20041207		AU20040312075 20041229																																																																									
	WO2004US43850 20041229																																																																													
Family:	<table><thead><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr></thead><tbody><tr><td>AR047177 AA</td><td>20060111</td><td>AR2004P104957</td><td>20041229</td></tr><tr><td>AU2004312075 AA</td><td>20050721</td><td>AU20040312075</td><td>20041229</td></tr><tr><td>AU2004312075 BB</td><td>20110324</td><td>AU20040312075</td><td>20041229</td></tr><tr><td>BRPI0418296 A</td><td>20070502</td><td>BR2004PI18296</td><td>20041229</td></tr><tr><td>CN100558329 C</td><td>20091111</td><td>CN200480039548</td><td>20041229</td></tr><tr><td>CN1901868 A</td><td>20070124</td><td>CN200480039548</td><td>20041229</td></tr><tr><td>EP1699402 A2</td><td>20060913</td><td>EP20040815845</td><td>20041229</td></tr><tr><td>IN02384CN2006 A</td><td>20070706</td><td>IN2006CN02384</td><td>20060630</td></tr><tr><td>JP2007521117 T2</td><td>20070802</td><td>JP20060547546T</td><td>20041229</td></tr><tr><td>KR101210025 B1</td><td>20121207</td><td>KR20067013112</td><td>20041229</td></tr><tr><td>KR20060114359 A</td><td>20061106</td><td>KR20067013112</td><td>20041229</td></tr><tr><td>RU2006123086 A</td><td>20080210</td><td>RU20060123086</td><td>20041229</td></tr><tr><td>RU2359651 C2</td><td>20090627</td><td>RU20060123086</td><td>20041229</td></tr><tr><td>US2005148979 AA</td><td>20050707</td><td>US20030750424</td><td>20031230</td></tr><tr><td>US2006025739 AA</td><td>20060202</td><td>US20040005684</td><td>20041207</td></tr><tr><td>WO05065616 A2</td><td>20050721</td><td>WO2004US43850</td><td>20041229</td></tr><tr><td>WO05065616 A3</td><td>20050909</td><td>WO2004US43850</td><td>20041229</td></tr></tbody></table>						Publication number	Publication date	Application number	Application date	AR047177 AA	20060111	AR2004P104957	20041229	AU2004312075 AA	20050721	AU20040312075	20041229	AU2004312075 BB	20110324	AU20040312075	20041229	BRPI0418296 A	20070502	BR2004PI18296	20041229	CN100558329 C	20091111	CN200480039548	20041229	CN1901868 A	20070124	CN200480039548	20041229	EP1699402 A2	20060913	EP20040815845	20041229	IN02384CN2006 A	20070706	IN2006CN02384	20060630	JP2007521117 T2	20070802	JP20060547546T	20041229	KR101210025 B1	20121207	KR20067013112	20041229	KR20060114359 A	20061106	KR20067013112	20041229	RU2006123086 A	20080210	RU20060123086	20041229	RU2359651 C2	20090627	RU20060123086	20041229	US2005148979 AA	20050707	US20030750424	20031230	US2006025739 AA	20060202	US20040005684	20041207	WO05065616 A2	20050721	WO2004US43850	20041229	WO05065616 A3	20050909	WO2004US43850	20041229
Publication number	Publication date	Application number	Application date																																																																											
AR047177 AA	20060111	AR2004P104957	20041229																																																																											
AU2004312075 AA	20050721	AU20040312075	20041229																																																																											
AU2004312075 BB	20110324	AU20040312075	20041229																																																																											
BRPI0418296 A	20070502	BR2004PI18296	20041229																																																																											
CN100558329 C	20091111	CN200480039548	20041229																																																																											
CN1901868 A	20070124	CN200480039548	20041229																																																																											
EP1699402 A2	20060913	EP20040815845	20041229																																																																											
IN02384CN2006 A	20070706	IN2006CN02384	20060630																																																																											
JP2007521117 T2	20070802	JP20060547546T	20041229																																																																											
KR101210025 B1	20121207	KR20067013112	20041229																																																																											
KR20060114359 A	20061106	KR20067013112	20041229																																																																											
RU2006123086 A	20080210	RU20060123086	20041229																																																																											
RU2359651 C2	20090627	RU20060123086	20041229																																																																											
US2005148979 AA	20050707	US20030750424	20031230																																																																											
US2006025739 AA	20060202	US20040005684	20041207																																																																											
WO05065616 A2	20050721	WO2004US43850	20041229																																																																											
WO05065616 A3	20050909	WO2004US43850	20041229																																																																											
Probable Assignee:	KIMBERLY CLARK CORP																																																																													
Assignee(s):(std):	LOYD ADRIENNE R ; MATHEWS MARIE A ; KIMBERLY CLARK CO ; HEYRMAN SHEILA M ; NIELSEN STEVEN J ; INGLE MARK L ; HANTKE RICHARD J ; BRYANT KRISTI J ; BRYANT KRISTI JO ; CLARK JAMES J JR ; KIMBERLY CLARK CORP ; WOLTMAN GARRY R ; WILKES SARAH L ; THOMAS BRIAN L ; WALKER LAURA J ; RASMUSSEN SHELLEY R ; ROTHE RICHARD L ; CLARK JR JAMES J ; DIPALMA JOSEPH																																																																													
Assignee(s):	KIMBERLY CLARK WORLDWIDE INC ; CLARK JR ; PALMA JOSEPH D ; KIMBERLI KLARK VORLDDVAJD INK																																																																													
Inventor(s):(std):	BRAJANT KRISTI DZHO ; BRYANT KRISTI J ; CLARK JAMES J JR ; DIPALMA DZHOZEF ; HANTKE RICHARD JOSEPH ; INGL MARK L ; KHANTKE RICHARD DZH ; KHIRMEHN SHEJLA M ; KLARK DZHEJMS DZH MLADSHIJ ; LOJD ADRIENN R ; LOYD ADRIENNE R ; MATHEWS MARIE A ; MEHT JUZ MEHRI A ; NIL SEN STIVEN DZH ; PALMA JOSEPH D ; ROT RICHARD L ; TOMAS BRAJAN L ; UILKS SARA L ; UOLKER LAURA DZH ; UOLTMEHN GARRI R ; WOLTMAN GARRY ROLAND ; WOLTMAN GARRY R ; WILKES SARAH L ; WALKER LAURA J ; THOMAS BRIAN L ; STEVEN J NIELSEN ; SHELLEY RAE RASMUSSEN ; SHELLEY R RASMUSSEN ; SHEILA M HEYRMAN ; SARAH L WILKES ; ROTHE RICHARD L ; RICHARD L ROTHE ; RICHARD JOSEPH HANTKE ; RICHARD J HANTKE ; RASMUSSEN SHELLEY RAE ; RASMUSSEN SHELLI R ; RASMUSSEN SHELLEY R ; MARK L INGLE ; MARIE A MATHEWS ; LOYD ADRIENNE ; LAURA J WALKER ; KRISTI JO BRYANT ; HEYRMAN SHEILA M ; HANTKE RICHARD J ; GARRY ROLAND WOLTMAN ; GARRY R WOLTMAN ; DIPALMA JOSEPH ; DI PALMA JOSEPH ; CLARK JR JAMES J ; CLARK JAMES J ; BRYANT KRISTI JO ; BRIAN L THOMAS ; ADRIENNE R LOYD ; NTKE RICHARD J ; HEYR DIPALMA JOSEPH LOYD ADRIE ; JR JAMES J CLARK ; JOSEPH DIPALMA ; JAMES J CLARK ; INGLE MARK L ; NIELSEN STEVEN J																																																																													
Inventor(s):	MEHTJUZ MEHRI A. ; DIPALMA JOSEPH LOYD ADRIENNE R ; DIPALMA JOSEPH LOYD ADRIENNE R MATHEWS MARIE A BRY ; NIL'SEN STIVEN DZH. ; WALKER LAURA ; WALKER LAURA JANE ; WILKES SARAH ; WILKES SARAH LOIS ; WOLTMAN GARRY ; ROTHE RICHARD ; ROTHE RICHARD LEE ; THOMAS BRIAN ; THOMAS BRIAN LEE ; PALMA JOSEPH DI ; RASMUSSEN SHELLEY ; PALMA JOSEPH ; NIELSEN STEVEN ; NIELSEN STEVEN JAMES ; MATHEWS MARIE ; INGLE MARK ; INGLE MARK LEONARD ; HEYRMAN SHEILA ; HEYRMAN SHEILA MARIE ; HANTKE RICHARD ; CLARK JAMES JJR ; CLARK JAMES JOSEPH ; CLARK JR ; CLARK JAMES ; BRYANT KRISTI																																																																													
Agent(s):	SPRUSON AND FERGUSON; BRINKS HOFER GILSON AND LIONE; KIMBERLY CLARK WORLDWIDE INC																																																																													
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 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																																																																													
International class (IPC 8-9):	A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/551 A61F15/00 B65D33/00 B65D33/18 B65D33/20 B65D75/20 B65D75/58 B65D77/30 B65D85/07 B65D85/16 (Advanced/Invention); A61F13/15 A61F13/551 (Advanced/Non-invention); A61F13/15 A61F13/20 (Core/Invention)																																																																													
International class (IPC 1-7):	A61F13/15 A61F13/20 A61F13/551																																																																													
CPC:	A61F13/551 A61F13/5514 A61F13/5513 A61F2013/8497																																																																													
European class:	A61F13/551 A61F13/551B A61F13/551B2B K61F13/84G																																																																													
US class:	604/361 604/361S 604/385.02 604/385.020P																																																																													
Classification Explorer																																																																														
Cited documents:	WO04073572 A1, WO04073571 A1, WO04073569 A1, WO0239943 A2, USH1935 H1, USH1454 H1, US6716203 BB, US6601706 BB, US6601705 BB, US6568530 BB, US6551431 BB, US6544242 BA, US6530910 BA, US6520330 BA, US6502695 BA, US6402727 BA, US6387084 BA, US6383169 BA, US6380455 BA, US6276032 BA, US6203512 BA, US6197331 BA, US6186993 BA, US6183587 BA, US6168582 BA, US6074376 A, US6063065 A, US6059100 A, US6045900 A, US6036679 A, US6024732 A, US6015934 A, US6015045 A, US6010001 A, US5954201 A, US5873871 A, US5868727 A, US5860965 A, US5792131 A, US5769837 A, US5730739 A, US5670004 A, US5669899 A, US5593395 A, US5591153 A, US5591146 A, US5527578 A, US5520676 A, US5503076 A, US5484636 A, US5413568 A, US5295988 A, US5181610 A, US5178924 A, US5141505 A, US5088993 A, US4917675 A, US4857066 A, US4846828 A, US4801494 A, US4765477 A, US4735316 A, US4692162 A, US4687478 A, US4678465 A, US4675013 A, US4648513 A, US4605403 A, US4581027 A, US4564108 A, US4402689 A, US4380450 A, US4376440 A, US4339485 A, US4337772 A, US4336804 A, US4286639 A, US4213813 A, US4186743 A, US4182336 A, US4157410 A, US4085754 A, US4079739 A, US4023571 A, US4023570 A, US3973567 A, US3897783 A, US3888255 A, US3881490 A, US3877432 A, US3727615 A, US3724466 A, US3688771 A, US3683919 A, US3672371 A, US3665923 A, US3654928 A, US3635221 A, US2004186448 AA, US2004122399 AA,																																																																													

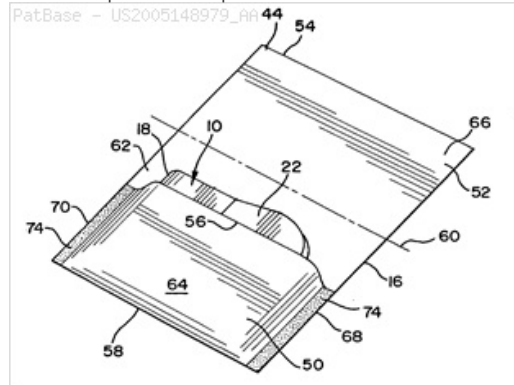
US2004040204 AA, US2003120241 AA, US2003116462 AA, US2002084203 AA, US2002084203, US2002079246 AA, US2002034912 AA, CA2446018 AA,

Forward Citations:

WO17056634, WO17038255, WO15190969, WO12157621, WO10070491, WO10070491, WO09136826, WO09096109, WO08135958, USD717666, US9994376, US9943448, US9834355, US9394637, US9330067, US9308139, US9278035, US9211219, US8939955, US8926547, US8657114, US8631939, US8575417, US8491553, US8435205, US8324444, US8317023, US8277426, US8243198, US8225729, US8197455, US8142876, US8136664, US7858055, US7736688, US7578388, US2017129674, US2017007473, US2015114866, US2014012219, US2013190711, US2013178818, US2012330265, US2012310201, US2012152785, US2011253578, US2011190685, US2011077606, US2011034897, US2011011864, US2010303806, US2009157021, US2009101676, US2008277295, US2008269704, US2008264827, US2008208154, US2008206529, US2008097364, US2008027405, US2007295629, US2007030389, US2006135927, US2005267613, US2005145523, US10086989, US10017309, TWI549662, RU2645572, KR101815724, JP6073436, JP2017521141, JP2017047004, JP2014144138, JP2014128363, JP2012239654, JP2012066839, JP2009178275, CN105026275, CN101711146, AU2014396919,

Abstract:

A personal care product includes a personal care product component disposed in a packaging component. The packaging component includes a panel and a flap having a free edge positioned adjacent the panel. One of the flap and panel includes a sensory cue directed at the free edge of the flap. The sensory cue provides indicia as to the location of the free edge and terminates at the free edge. In one embodiment, the packaging component includes a front panel, a back panel and a flap overlying a portion of the front panel. In one embodiment, the sensory cue is configured as a visual cue. In another aspect, a method of using a personal care product includes locating the free edge of the packaging component using the visual cue and grasping the flap and opening the packaging component to access the personal care product component.



Title: MANUFACTURING UNIT FOR INFUSION SET ENVELOPE AND PACKING APPARATUS FOR INFUSION SET HAVING THE SAME

Priority: KR20050112336 20051123

Family:	Publication number	Publication date	Application number	Application date
	KR100574040 B1	20060426	KR20050112336	20051123

Probable Assignee: NO KWANG HO

Assignee(s):(std): NO KWANG HO

Inventor(s):(std): NO KWANG HO ; SEO SUNG WOON

International class B31B19/00 B31B19/60 B31B21/00 B31B21/60 (Advanced/Invention);
(IPC 8-9): B31B19/00 B31B21/00 (Core/Invention)

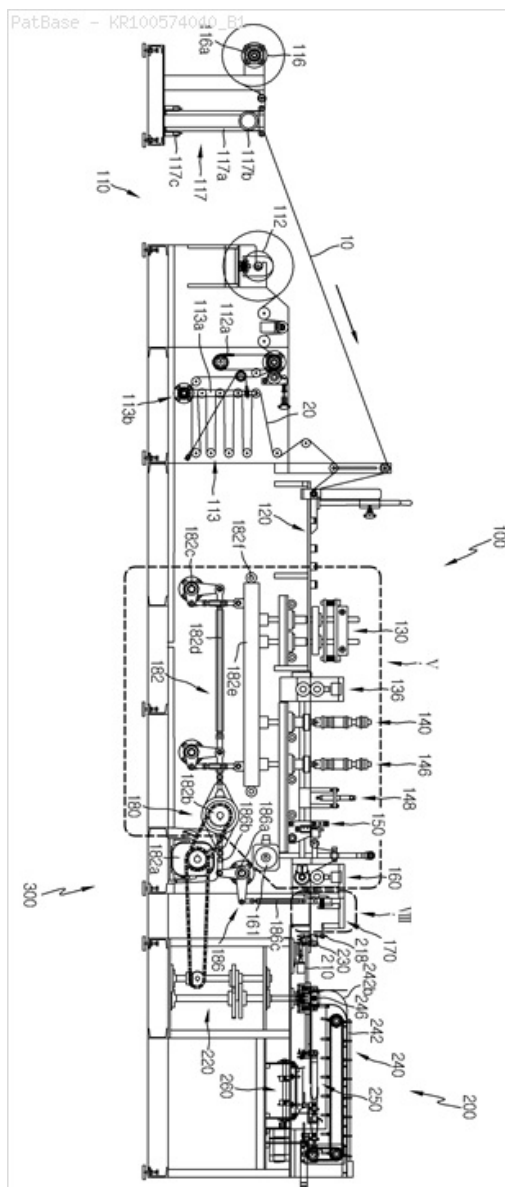
CPC: B31B70/60 B31B70/00 B31B2150/00 B31B2160/10 B31B70/10 B31B70/16 B31B70/64

[Classification Explorer](#)

Cited documents: JP2005111673 A2,

Abstract:

Source: KR100574040B **Machine translation:** For this invention is SAP set envelope manufacturing unit and equipped with SAP set packaging devices, more specifically the envelope for a set of manufacturing processes and SAP, using SAP envelope sets manufactured packaging process can be automated as well as can be done in hygienic bag manufacturing unit and equipped with SAP set packaging equipment. to this end, the SAP, which is set for this invention envelope manufacturing unit equipped with the SAP set packing device Supplies, packing materials and tape from supply Division; Fold each end of the packaging being transferred wealth to the packaging to ensure that the contacts on the added tape each end of folding part; Folding part has been installed, at the rear of the vertical part and tape both ends of the round trip packaging squeezed open the squeezed (1) that part; The direction perpendicular to the direction of the packaging being installed vertical and round trip, and the prescribed intervals squeezed open the packaging material manufacturing to one end of the envelope that you want to seal the second part squeezed; Packaging or printed on the tape displays the sensor to detect the display; Depending on the passed signal from the sensor display packaging is sent to the designated interval per feed; And the second part on the sealed packaging squeezed parts rear end is open at the other end by cutting out part of the envelope equipped with cutting part to manufacture;. Keywords SAP set, envelope manufacturing, packaging

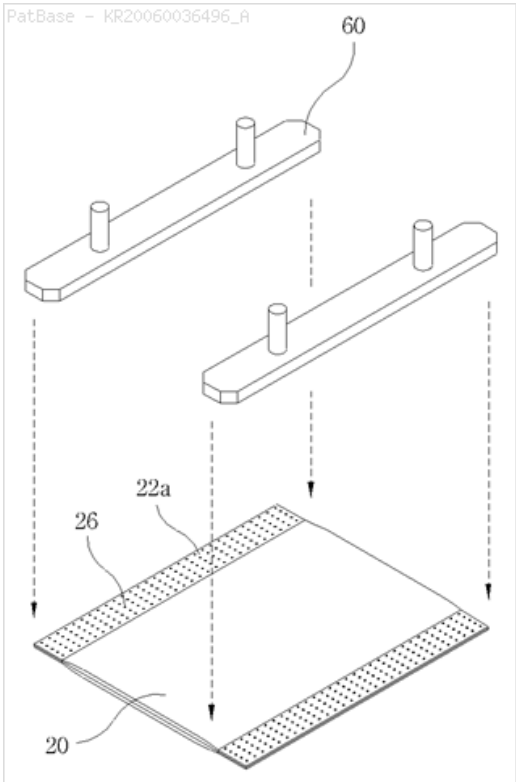


Title: METHOD OF ADHERING A BUFFER STORAGE PACK FOR KEEPING WARM/COOL
Priority: KR20040085188 20041025
Family:

	Publication number	Publication date	Application number	Application date
	KR100585968 B1	20060607	KR20040085188	20041025
	KR20060036496 A	20060502	KR20040085188	20041025

Probable Assignee: KEUM YONG SOO
Assignee(s):(std): KEUM YONG SOO
Inventor(s):(std): KEUM YONG SOO
International class (IPC 8-9): B31B19/60 B31B19/64 B31B21/60 B31B21/74 (Advanced/Invention);
B31B19/60 B31B19/64 B31B21/60 B31B21/74 (Advanced/Non-invention);
B31B19/00 B31B21/00 (Core/Invention)
CPC: B31B70/64 B31B70/00 B31B70/60 B31B2150/00 B31B2160/10 B31B70/76
[Classification Explorer](#)
Cited documents: KR957001291 A, KR20020067374 A, KR19957001291, JP6091787 A2, JP2002053145 A2, JP11070619 A2,

Abstract:
Source: KR100585968B **Machine translation:** This invention has thick insulation or air caps to attach the thermal adhesive at the time of manufacture of the envelope: If this bond do not fall firmly adhesive, which can buffer thermostable Pack, on how the adhesion of thermoplastic film materials can be heat sealing and heat heater cutting machine to cut the foundation stage and, high temperature heater cutting machine by the Foundation to be a synthetic resin film in half, folding stages and, if the film attached to a folded resin seal ring there are a number of areas of sharp pins use pins to pierce the hole formation and, there are a number of pins in a folded resin film Hall is a hollow, Jean seal ring side fever while reducing the thickness of the pressurized steps using the heater and Pressed by u.s. heat heater resin seal ring side of the film and bonding with pressurized heat heater steps and, if pressed by high-temperature heater seal ring consisting of a rapidly cooling to step in. Keywords effervescent resin film, PIN



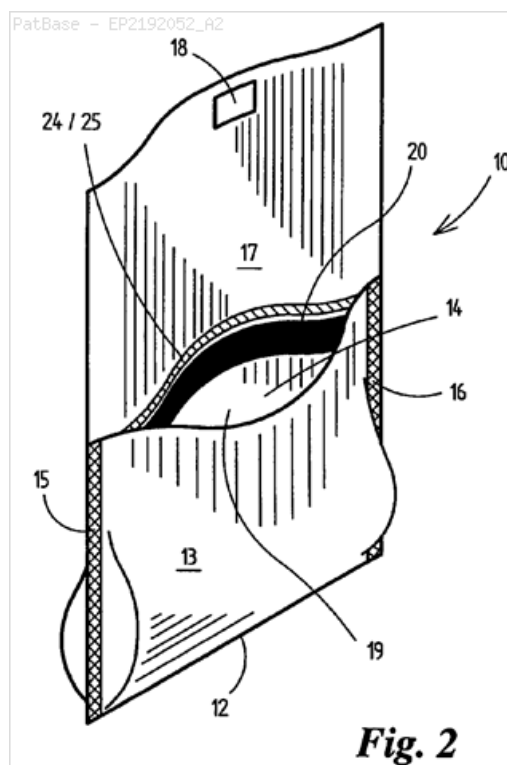
Title: BAG PACKAGING AS WELL AS METHOD AND DEVICE FOR PRODUCING THE PACKAGE.
Priority: DE200510002848 20050120 EP20060001067 20060119 EP20090014982 20060119
Family:

Publication number	Publication date	Application number	Application date
AT460353 E	20100315	AT20060001067T	20060119
DE102005002848 A1	20060727	DE200510002848	20050120
DE502006006368 D1	20100422	DE200650006368T	20060119
DE502006011747 D1	20120913	DE200650011747T	20060119
DK2192052 T3	20121015	DK20060014982T	20060119
DK2192052 T3	20121015	DK20090014982T	20060119
EP1683736 A2	20060726	EP20060001067	20060119
EP1683736 A3	20080102	EP20060001067	20060119
EP1683736 B1	20100310	EP20060001067	20060119
EP2192052 A2	20100602	EP20090014982	20060119
EP2192052 A3	20101117	EP20090014982	20060119
EP2192052 B1	20120718	EP20090014982	20060119

Probable Assignee: FOCKE AND CO
Assignee(s):(std): FOCKE AND CO
Assignee(s): FOCKE AND CO GMBH AND CO KG
Inventor(s):(std): GISBERT ENGEL ; ENGEL GISBERT
Agent(s): MEISSNER BOLTE AND PARTNER GBR; BOLTE ERICH ET AL; BOLTE ERICH
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 MK NL PL PT RO SE SI SK TR YU
International class
(IPC 8-9): B31B19/90 B65B61/18 B65D33/16 B65D33/25 B65D75/20 B65D75/58 (Advanced/Invention); B31B19/00 B65B61/18 B65D33/16 B65D33/25 B65D75/04 B65D75/52 (Core/Invention)
CPC: B65B61/188 B65B29/00 B65D33/2508 B65D75/20 B65D75/5855 B65D2313/04 B31B70/00 B31B70/024 B31B70/642 B31B70/644 B31B70/649 B31B70/8132 B31B2155/00 B31B2155/001 B31B2155/0014 B31B2160/10
European class: B31B19/64 B31B19/90 B31B23/00 B65B61/18E B65D33/25A B65D75/20 B65D75/58F L31B219/02C1 L31B219/60C1 L31B219/60C5 L31B219/60C9 L31B219/90C1A L31B237/10 L31B237/40 L31B237/40B L65B29/00 L65D313/04
[Classification Explorer](#)
Cited documents: WO03045816 A2, WO02068283 A1, WO0058167 A1, US6834474 BB, US6829873 BB, US6688079 BB, US6678923 BB, US6505740 BA, US5417035 A, US5400568 A, US4786190 A, US4673383 A, US4561109 A, US4033013 A, US2003072504 AA, GB1235861 A, EP1812303 A1, EP1375370 A1, EP1070672 A1, EP0805018 A2, EP0201257 A2, EP0024596 A1, DE60107028 T2, DE3829181 A1, DE29917001 U1, DE1604415 A1, DE10109209 C1,
Forward Citations: WO18172125, WO17172542, WO14204301, US8893955, NL1035016, ITVI20130284, EP3138785, EP2944575, EP2616342, EP2616342, EP2468639, EP2399839, EP2292520, DE102008007754, BE1020141,

Abstract:

Source: EP2192052A3 [DE] Eine Beutelpackung (10) fuer die Aufnahme einer Tabakportion besteht aus Vorderwand (13), Rueckwand (14) und einer Umschlaglasche (17). Eine Beuteloefnung (19) zum Einfuellen und fuer die Entnahme von Tabak ist mehrfach verschliessbar durch mehrfach wirkende Verschlussstreifen in der Beuteloefnung (19), z. B. Magnetstreifen (20). Zusaetzlich ist ein zweiter Verschluss aus einer durchgehend dichtenden Siegelnaht (24) vorgesehen, die beim erstmaligen oeffnen des Beutels zerstoeert wird.



Title: ENVELOPE GUM DETECTION

Priority: US20050596325P 20050916 US20060522017 20060915 CA20072599323 20070829

Family:

Publication number	Publication date	Application number	Application date
CA2599323 AA	20080315	CA20072599323	20070829
EP1900506 A1	20080319	EP20070115793	20070906
MX2007011259 A1	20090206	MX20070011259	20070914
US2007066475 AA	20070322	US20060522017	20060915

Probable Assignee: NATIONAL ENVELOPE CORP

Assignee(s):(std): NAT ENVELOPE CORP

Assignee(s): NATIONAL ENVELOPE CORP ; CLARK VERNER F JR ; GENERAL ELECTRIC CAPITAL CORP

Inventor(s):(std): CLARK VERNER F JR

Inventor(s): CLARK VERNER FJR ; VERNER F CLARK JR ; CLARK JR VERNER F ; CLARK VERNER ; CLARK VERNER F

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; JONES KEITH WILLIAM; FULBRIGHT AND JAWORSKI LLP

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 MK MT NL PL PT RO SE SI SK TR YU

International class (IPC 8-9): B31B1/00 B31B1/62 B31B19/00 B31B19/74 B31B49/04 G01N21/95 G06F7/04 (Advanced/Invention); B31B1/00 B31B1/60 B31B19/00 B31B49/00 G01N21/88 G06F7/02 (Core/Invention)

CPC: B31B70/00 B31B70/006 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/102

European class: B31B19/62 B31B19/74 B31B21/00 L31B219/60B L31B219/95 L31B221/10 L31B221/10A

US class: 493/2 493/2S 493/7 493/7P 493/917 493/917S

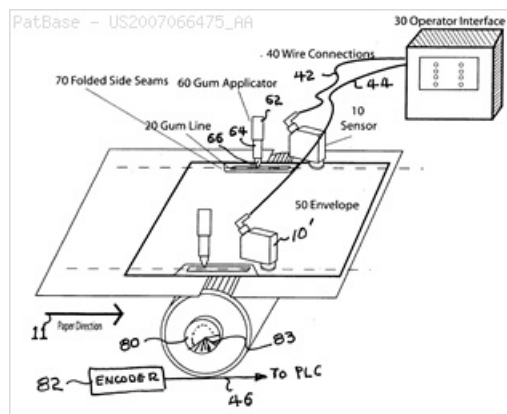
[Classification Explorer](#)

Cited documents: WO0187582 A1, US6987868 BA, US6737102 BA, US6281500 BA, US6193825 BA, US4845374 A, US4416651 A, US4389969 A, US2003110739 AA, NL1016532 C1, EP1319500 A2, DE4304678 C1, DE3438192 A1,

Forward Citations: WO09012133, WO09012133, US2015135642,

Abstract:

Two sensors and an Operator Interface are mounted on an envelope machine inline after the side seam gumming system. As the envelope under the sensors, they measure the luminance/reflectivity of a certain spot on the envelope where the side seam gum should be located. The reflectivity of the side seam gum will be different than that of the envelope paper. If the reflectivity measurement at that position is within the preset values in the device, the envelope is within the specification and nothing happens; the envelope continues through the machine. If the measurement does not meet the values in the device, the envelope is out of specification, and an output signal is returned. That output signal may be used for any purpose, but most commonly activates a red light, or marks the envelopes as defective.



Title: PROCESS FOR ASSEMBLING A BOX

Priority: CA20052530339 20051215 CA20062563857 20061013

Family:

Publication number	Publication date	Application number	Application date
CA2530339 AA	20070615	CA20052530339	20051215
CA2563857 AA	20070615	CA20062563857	20061013
CA2563857 C	20131217	CA20062563857	20061013
US2007142192 AA	20070621	US20060385737	20060322
US2007161482 AA	20070712	US20060637871	20061213
US7678037 BB	20100316	US20060637871	20061213

Probable Assignee: CAMPBELL MARK

Assignee(s):(std): CAMPBELL MARK

Inventor(s):(std): CAMPBELL MARK

Agent(s): LANG MICHENER LLP; FASKEN MARTINEAU DUMOULIN LLP; LANG MICHENER

International class (IPC 8-9): B31B1/26 B31B1/62 B31B1/74 B31B1/86 B31B19/62 B31B19/74 B31B19/86 B31B3/00 B31B31/60 B31B39/60 B31B50/62 B31B7/60 B31B70/26 B31B70/62 B31B70/74 (Advanced/Invention); B31B1/60 B31B19/00 B31B3/00 B31B31/00 B31B39/00 B31B7/00 (Core/Invention)

CPC: B65D5/0227 B31B50/72 B31B70/62 B31B2150/00 B31B2150/001 B31B2150/003 B31B2160/20 B31B70/00 B31B2160/10

European class: B31B1/72 B31B19/62 B31B29/00 B65D5/02C L31B201/60E L31B219/60B L31B221/20 L31B221/40 L31B221/60

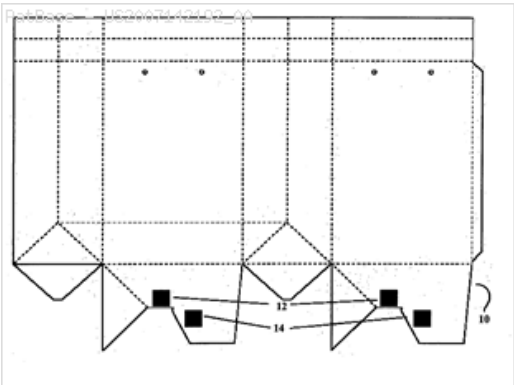
US class: 493/131 493/150 493/162 493/162P 493/68 493/70 493/79

[Classification Explorer](#)

Cited documents: USRE30163 E, US6409646 BA, US6190485 BA, US6080096 A, US5906087 A, US5766121 A, US5656084 A, US5462223 A, US5353931 A, US5092516 A, US4750609 A, US4565315 A, US4490129 A, US4333602 A, US4294642 A, US4114777 A, US3986607 A, US3813017 A, US3550837 A, US3541930 A, US3524581 A, US3325084 A, US3306521 A, US3233529 A, US2187305 A, US2113927 A, US2011703 A,

Forward Citations: WO11064802, US9493681, US8764618, US2014182760, DE102015103824, DE102015103824,

Abstract:
The invention consists of a method of making a container from a foldable pattern, comprising: a) placing one or more first contact glue spots on a first surface of the pattern; and b) placing one or more second contact glue spots on a second surface of the pattern, the second contact glue spots positioned in relation to the first contact glue spots such that when the pattern is folded to assemble the container, the first contact glue spots bond with the second contact glue spots to create a glued bottom for the container.



Title: PACKAGED ABSORBENT ARTICLE

Priority: US20060763448P 20060130 JP20100008489 20060130 US20070649499 20070103
CN200780002459 20070129 JP20080549099 20070129 JP20080549099T 20070129
WO2007IB50298 20070129 US20110241596 20110923 US20130052836 20131014
US20140547466 20141119 US20160344966 20161107

Family:	Publication number	Publication date	Application number	Application date
	BRPI0706793 A2	20110405	BR2007PI06793	20070129
	CN101370456 A	20090218	CN200780002459	20070129
	CN103816011 A	20140528	CN201410098204	20070129
	CN103816011 B	20160330	CN201410098204	20070129
	EP1978905 A1	20081015	EP20070705731	20070129
	IN05626DN2008 A	20080926	IN2008DN05626	20080627
	JP2009522035 T2	20090611	JP20080549099T	20070129
	JP3166605 U	20110310	JP20100008489U	20101228
	US2007179467 AA	20070802	US20070649499	20070103
	US2012253309 AA	20121004	US20110241596	20110923
	US2014039439 AA	20140206	US20130052836	20131014
	US2015073371 AA	20150312	US20140547466	20141119
	US2017049640 AA	20170223	US20160344966	20161107
	US8052664 BB	20111108	US20070649499	20070103
	US8579875 BB	20131112	US20110241596	20110923
	US8961483 BB	20150224	US20130052836	20131014
	US9504614 BB	20161129	US20140547466	20141119
	WO07086034 A1	20070802	WO2007IB50298	20070129

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): MATSUO AKANE ; MIURA TSUNETOSHI ; NINOMIYA SACHIKO ; PROCTER AND GAMBLE ; SHIMIZU YOSHIYUKI

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

Inventor(s):(std): MATSUO AKANE ; MIURA TSUNETOSHI ; NINOMIYA SACHIKO ; NINOMYA SACHIKO ; SHIMIZU YOSHIYUKI ; YOSHIYUKI SHIMIZU ; TSUNETOSHI MIURA ; SACHIKO NINOMIYA ; AKANE MATSUO

Agent(s): LHUILLIER FLORENT CHARLES; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; DAVID M; BRIAN M; AMANDA T; ANDRES E; ANDREW 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 GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): A61F13/15 A61F13/47 A61F13/472 A61F13/551 A61F13/56 A61F13/60 A61F13/84 B65D65/16 B65D85/00 B65D85/07 B65D85/16 (Advanced/Invention); A61F13/84 (Advanced/Non-invention); A61F13/15 B65D85/00 (Core/Invention)

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

CPC: A61F13/5514 A61F13/4704 A61F13/5611 A61F2013/8497 A61F13/5513 A61F13/55135 A61F13/551 B65D65/16 A61F2013/4708 A61F13/5515 A61F13/84 B65D85/07

European class: A61F13/551B2B B65D65/16 B65D85/16 K61F13/551 K61F13/84

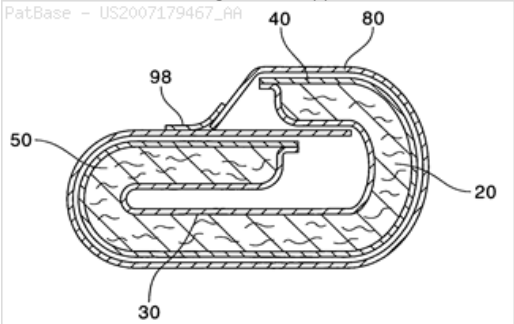
US class: 604/385.01 604/385.02 604/385.020P 604/385.03 604/385.05

[Classification Explorer](#)

Cited documents: WO05065605 A1, WO02094151 A1, US8579875 BB, US8220632 BB, US8052664 BB, US6632974 BA, US5702376 A, US3244318 A, US3193181 A, US2014039439 AA, US2007293834 AA, US2006144736 AA, US2005154365 AA, US2005145523 AA, US2005029143 AA, US2005019514 AA, US2004238393 AA, US2004186450 AA, US2004149613 AA, US2004015145 AA, US2003120241 AA, US2003114809 AA, US2003109839 AA, JP9087405 A2, JP8500502 T2, JP4053881 A2, JP3021237 A2, JP2005523139 T2, JP2005185858 A2, JP2005103065 A2, JP2003199786 A2, JP2003175546 A2, JP2001106817 A2, JP2000238875 A2, JP20000238875,

Forward Citations: WO13094779, WO12128130, WO07132434, US9895274, US9775752, US9504614, US9308139, US9278035, US9072636, US8911418, US8220632, US2017007473, US2016361191, US2013165889, US2012330265, US2012289919, US2012035566, US2009157033, US2008011642, US2007144937, TWI581772, TWI523645, KR101894119, JP5951186, JP2012519609, JP2012519608, JP2012196338, GB2511263, GB2511263, EP2623077, EP2623077, CN105326610, CN105147461, CN103491917, CN103491917, CN103429204, CN103429204,

Abstract:
A packaged absorbent article having a body surface and a garment surface; and a wrapper sheet for wrapping the absorbent article so that at least a portion of the garment surface of the absorbent article can be seen through the wrapper sheet.



Title: SEAL GUM THICKNESS MEASUREMENT

Priority: US20060642291 20061220 CA20072609576 20071031

Family:

Publication number	Publication date	Application number	Application date
CA2609576 AA	20080620	CA20072609576	20071031
EP1935628 A2	20080625	EP20070120291	20071108
MX2007015808 A1	20090217	MX20070015808	20071213
US2008151252 AA	20080626	US20060642291	20061220

Probable Assignee: NATIONAL ENVELOPE CORP

Assignee(s):(std): NAT ENVELOPE CORP

Assignee(s): NATIONAL ENVELOPE CORP ; CLARK VERNER F JR

Inventor(s):(std): CLARK LISA ; CLARK VERNER F ; CLARK VERNER F JR

Inventor(s): VERNER F CLARK JR ; CLARK JR VERNER F

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; MURGITROYD IAN GEORGE; FOLEY AND LARDNER

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 MK MT NL PL PT RO RS SE SI SK TR

International class (IPC 8-9): B31B1/62 B31B19/00 B31B19/62 B31B19/74 G01B11/06 G01N21/47 (Advanced/Invention); B31B1/60 B31B19/00 G01B11/06 G01N21/00 G01N21/47 (Core/Invention)

CPC: B31B70/00 B31B70/006 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/102

European class: B31B19/62 B31B19/74 B31B21/00 L31B219/60B L31B219/95 L31B221/10 L31B221/10A

US class: 356/446 356/446P

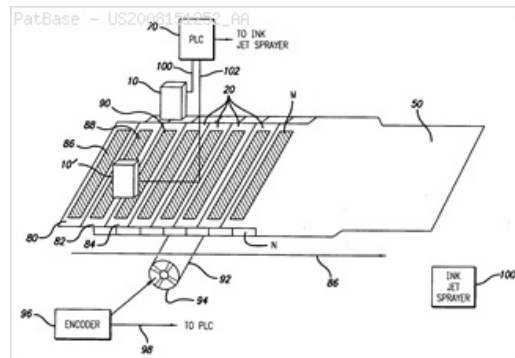
[Classification Explorer](#)

Cited documents: US6987868 BA, US6737102 BA, US6281500 BA, US6193825 BA, US5608639 A, US4845374 A, US4416651 A, US4389969 A, US4338227 A, US2004177854 AA, US2003110739 AA,

Forward Citations: US2015135642,

Abstract:

A method and apparatus for measuring the thickness of flap seal gum on an envelope including establishing parameters for a desired thickness of seal gum and programming such parameters into a programmable logic controller (PLC). Sensing the reflectivity intensity of radiation from the gum thickness on envelopes in a production line and comparing such sensed reflectivity intensity to the parameters for the desired reflectivity intensity as programmed into the PLC. The PLC generates indicia such as alarm signals when the reflectivity intensity sensed does not conform to the preprogrammed parameters. The indicia may include activation of an ink jet sprayer to spray ink on envelopes having gum which does not conform to the preprogrammed parameters.



Title: METHOD AND APPARATUS FOR APPLYING GLUE TO WORKPIECE COMPONENTS TO PRODUCE SACKS AND BAGS

Priority: DE200710018730 20070420 EP20080735143 20080407 WO2008EP02834 20080407

Family:	Publication number	Publication date	Application number	Application date
	AT513622 E	20110715	AT20080735143T	20080407
	DE102007018730 A1	20081023	DE200710018730	20070420
	DE102007018730 B4	20100819	DE200710018730	20070420
	DE502008003958 D1	20110804	DE200850003958T	20080407
	EP2136932 A1	20091230	EP20080735143	20080407
	EP2136932 B1	20110622	EP20080735143	20080407
	ES2365374 T3	20111003	ES20080735143T	20080407
	WO08128655 A1	20081030	WO2008EP02834	20080407

Probable Assignee: WINDMOELLER AND HOELSCHER

Assignee(s):(std): KERRES GUIDO ; WINDMOELLER AND HOELSCHER ; WINDMOLLER AND HOLSCHER KG

Assignee(s): WINDMOELLER AND HOELSCHER KG

Inventor(s):(std): TILLMANN GUIDO ; KERRES GUIDO

Agent(s): WINDMOELLER AND HOELSCHER KG

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

International class (IPC 8-9): B05C1/02 B05C1/08 B31B1/62 B31B19/62 B31B29/60 (Advanced/Invention); B05C1/02 B05C1/08 B31B1/60 B31B19/00 B31B29/00 (Core/Invention)

CPC: B05C1/0834 B31B70/60 B31B70/62 B31B2150/00 B31B2155/00 B31B2160/20

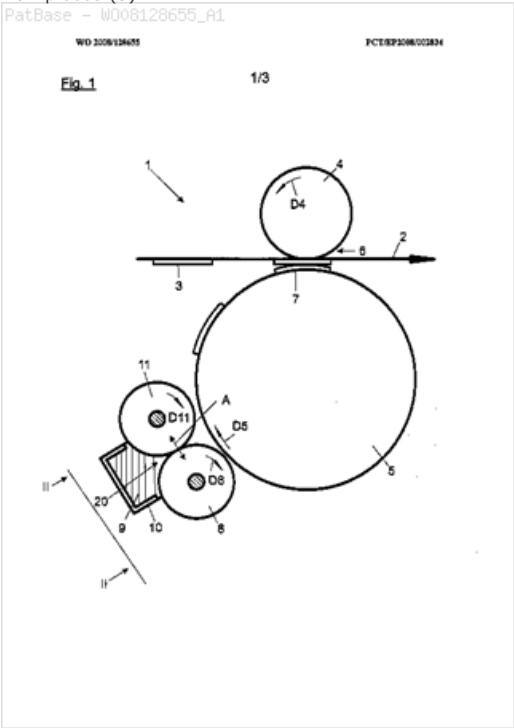
European class: B05C1/08P2 B31B19/62 B31B37/00 L31B219/60 L31B219/60B L31B221/20 L31B237/20

[Classification Explorer](#)

Cited documents: US5962078 A, US4308796 A, US2676563 A, EP0664208 B1, EP0362423 B1, DE3876626 T2, DE3007293 A1, DE19935117 B4, DE10255484 A1,

Forward Citations: ITPD20090329, EP2319629,

Abstract:
The invention relates to a method for applying glue (9) to components of workpieces (3) to produce sacks or bags, preferably made of paper. In said method, glue is applied to the components of the workpieces (3) by means of a format roller or plate roller (5), the glue is transferred from a glue application roller (8) to the format roller or plate roller (5), said glue application roller (8) removing the glue from a glue feeding device (10, 12, 19). The layer thickness of the glue is influenced by a metering roller (11) that is associated with the glue application roller (8), the circumferential speeds of said rollers (5, 8, 11) being independently adjustable. The ratio between the circumferential speeds of the glue application roller (8) and the metering roller (11) and/or the ratio between the circumferential speeds of the glue application roller (8) and the format roller or plate roller (5) is adjusted in accordance with properties of the glue that is applied to the workpieces (3).



Title: WIPE AND POWDERED SUBSTRATE COMBINATION

Priority: US20070796212 20070427 US20070796232 20070427 US20070796233 20070427

Family:

Publication number	Publication date	Application number	Application date
US2008264807 AA	20081030	US20070796233	20070427
US2008269708 AA	20081030	US20070796232	20070427
US2008269710 AA	20081030	US20070796212	20070427
WO08132684 A1	20081106	WO20081B51615	20080425

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s):(std): CARACCI DAVID JOSEPH ; HARTSELL DEBRA LYNN ; KEELER SHERI DEAN ; PROCTER AND GAMBLE

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

Inventor(s):(std): CARACCI DAVID JOSEPH ; HARTSELL DEBRA LYNN ; KEELER SHERI DEAN

Agent(s): THE PROCTER AND GAMBLE COMPANY, GLOBAL LEGAL DEPARTMENT - IP; PROCTER AND GAMBLE CO GLOBAL LEGAL DEPARTMENT IP; THE PROCTER AND GAMBLE COMPANY

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 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

International class (IPC 8-9): A61F13/15 A61F13/84 B65D85/00 (Advanced/Invention); A61F13/15 B65D85/00 (Core/Invention)

CPC: A61F13/5514 A61F13/5519 A61F13/84 A61F13/551 A61F2013/8476 A61F13/55135 A61F13/5515 A61F13/8405 A61F2013/8408

European class: A61F13/551B2 A61F13/551B2B A61F13/551B4 A61F13/551H A61F13/84 A61F13/84B K61F13/84B1 K61F13/84D

US class: 206/210 604/385.02 604/385.020P 604/385.06 604/385.060P

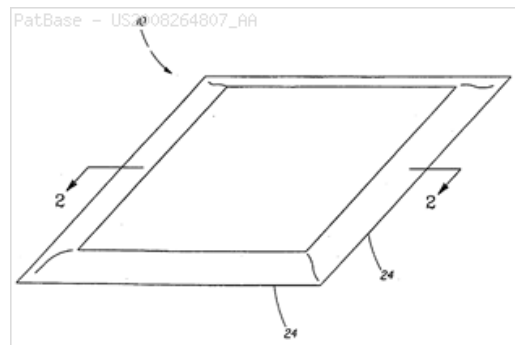
[Classification Explorer](#)

Cited documents: WO0160299 A1, US6911022 BB, US6797257 BB, US6756520 BA, US6651290 BB, US6588961 BB, US6404346 BA, US6369290 BA, US6305046 BA, US6145155 A, US6004307 A, US5984089 A, US5702379 A, US5616337 A, US5582605 A, US5569230 A, US5462166 A, US5443161 A, US5409116 A, US5261531 A, US5241710 A, US5111934 A, US4946033 A, US4881278 A, US4848575 A, US4826497 A, US4808175 A, US4796751 A, US4743240 A, US4739879 A, US4726497 A, US4653250 A, US4481243 A, US4332319 A, US4221221 A, US3856014 A, US2008269710 AA, US2008269708 AA, US2008264807 AA, US2006247585 AA, US2006207046 AA, US2006089612 AA, US2005261655 AA, US2004092901 AA,

Forward Citations: WO17192932, WO13094779, WO11055828, WO11016502, US9775752, US9254027, US8991610, US8794443, US8141711, US2016100927, US2013183077, US2013126388, US2011297577, US2011259349, US2011082435, US2010320115, US2010078345, US2010065445, US2008269710, US2008269708, US2008206649, GB2511263, GB2511263, CN102665625, CN102665625,

Abstract:

A packet, or packet combination, containing a wipe and powdered substrate is provided. The packet, or packet combination, may be used in conjunction with a hygiene article such as a sanitary napkin. The wipe is used to clean an area of skin or hair that has residual menstrual, urinary, or fecal material left behind after the removal of a hygiene article. The powder may then be used to provide an added benefit such as odor control. An order of use can be dictated by locating the packets containing the wipe and powdered substrate in specific positions on the hygiene article.



Title: ASSEMBLY FOR APPLYING A FLUID BEHAVIOUR SUBSTANCE, IN PARTICULAR FOR ENVELOPES OF LETTERS PROVIDED WITH A CLOSURE STRIP

Priority: IT2007MI00929 20070508 CA20082630396 20080505 EP20080155621 20080505

Family:	Publication number	Publication date	Application number	Application date
	BRPI0801384 A2	20081230	BR2008PI01384	20080507
	CA2630396 AA	20081108	CA20082630396	20080505
	DE602008029186 D1	20140206	DE200860029186T	20080505
	DK1990185 T3	20140317	DK20080155621T	20080505
	EP1990185 A2	20081112	EP20080155621	20080505
	EP1990185 A3	20120711	EP20080155621	20080505
	EP1990185 B1	20131211	EP20080155621	20080505
	HK1119124 A3	20090227	HK20080113243	20081204
	ITMI20070929 A1	20081109	IT2007MI00929	20070508
	JP2008279443 A2	20081120	JP20080122351	20080508
	JP5318456 B2	20131016	JP20080122351	20080508
	US2008295767 AA	20081204	US20080150869	20080501
	US8607727 BB	20131217	US20080150869	20080501

Probable Assignee: SITMA SPA

Assignee(s):(std): BALLESTRAZZI ARIS ; SITMA MACHINERY S P A ; SITMA SPA ; TASSI LAMBERTO

Assignee(s): SITMA MACHINERY SPA ; SITMA MACHINERY SPILAMBERTO SPA ; SITMA S P A

Inventor(s):(std): TASSI LAMBERTO ; BALLESTRAZZI ARIS

Inventor(s): ARIS BALLESTRAZZI ; LAMBERTO TASSI

Agent(s): OGILVY RENAULT LLP SENCRL SRL; DE GREGORI ANTONELLA ET AL; COSENZA SIMONA; HEDMAN AND COSTIGAN PC; KATHLEEN A; JAMES V

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 MK MT NL NO PL PT RO RS SE SI SK TR

International class (IPC 8-9): B05C1/00 B05C1/02 B05C1/08 B05C11/02 B05C9/02 B31B19/62 B31B19/90 B31B21/00 B43M5/04 (Advanced/Invention); B05C1/02 B43M3/00 (Advanced/Non-invention); B05C1/02 B05C1/08 B05C9/00 B31B19/00 (Core/Invention)

CPC: B31B70/00 B31B70/62 B31B2150/00 B31B2160/10

European class: B31B19/62 B31B21/00 L31B219/60B L31B221/10

US class: 118/111 118/211 118/212 118/244 118/258 118/258S 118/261 118/261S 156/441.5

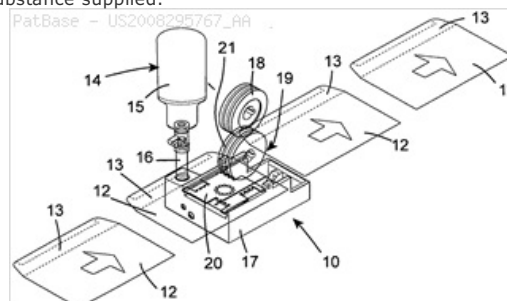
[Classification Explorer](#)

Cited documents: US8402725 BB, US8122845 BB, US8006635 BB, US7732036 BB, US7364621 BB, US6783594 BB, US6464785 BA, US6346147 BA, US6296898 BA, US6199404 BA, US6176180 BA, US6176180 B1, US5922406 A, US5633045 A, US5569327 A, US5354407 A, US5336319 A, US5113760 A, US5028457 A, US5015500 A, US5006194 A, US4926787 A, US4773962 A, US4742699 A, US4450037 A, US4428794 A, US4370942 A, US4287827 A, US426728 A, US4207832 A, US4188414 A, US3965851 A, US3585966 A, US3060888 A, US2721534 A, US2690119 A, US2572513 A, US2504773 A, US2243536 A, US2136786 A, US2010242839 AA, US2009252870 AA, US2008163981 AA, US2008156258 AA, US2008156212 AA, US2003015818 AA, US2002114889 AA, US1987813 A, US1957827 A, US1930749 A, US1924580 A, US1846969 A, US1498438 A, US1027204 A, JPS62149367, JPS5471700, JPS5119673, JP62149367 A2, JP54071700 A2, JP51019673 A2, JP2001052335 A2,

Forward Citations: US2018104979, US2010178433,

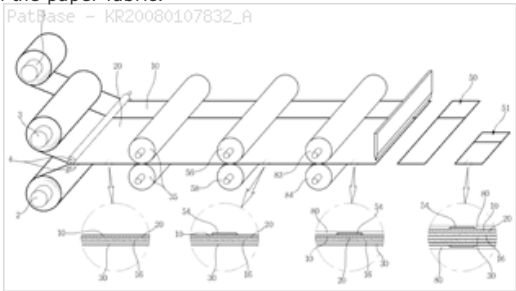
Abstract:

An assembly (10) for applying a fluid behaviour substance on a shaped closure strip (13, 13', 13'') of an envelope (12, 12', 12'') for letters comprising a supplying device (14) of the fluid behaviour substance, a container element (17) of the fluid behaviour substance supplied, a first and a second cylindrical element (18, 19) rotating around their parallel axis and radially arranged facing each other to form a passage for the envelope (12, 12', 12''), wherein the supplying device (14) comprises a vessel element (15) of the fluid behaviour substance and a connection element (16) for the passage of the fluid behaviour substance from the vessel element (15) into the container element (17), the second cylindrical element (19) comprises a side surface (21, 21', 21'') partially shaped in a manner complementary with the shaped closure strip (13, 13', 13''), partially accommodated in the lower part of the container element (17) in contact with fluid behaviour substance supplied.



Title:	PACKCING SHEET MANUFACTURING MATHOD AND PACKING SHEET THEREBY			
Priority:	KR20070056130 20070608			
Family:	Publication number	Publication date	Application number	Application date
	KR20080107832 A	20081211	KR20070056130	20070608
Probable Assignee:	KIM DO EON			
Assignee(s):(std):	KIM DO EON			
Inventor(s):(std):	KIM DO EON			
International class	B31B19/60 B31B21/60 (Advanced/Invention);			
(IPC 8-9):	B31B19/60 B31B21/60 (Advanced/Non-invention);			
	B31B19/00 B31B21/00 (Core/Invention)			
CPC:	B31B70/00 B31B70/60 B31B2150/00 B31B2160/10 D21H27/10 D21H27/30			
Classification Explorer				
Forward Citations:	KR20160141553, KR101689469,			

Abstract:
Packing paper manufacturing method for the sack and the packing paper using the same are provided to prevent the paper from being twisted in combining and to increase the productivity since the manufacture period can be reduced and the time consumption is less. A packing paper manufacturing method for the sack comprises following steps: a fabric sheet input step injecting between a pair of combined paper rolls(35); a step of injecting a resin melted liquid(16) into the gap of the base sheet, the OPP cloth and the paper fabric; a combination step for forming the wrapping paper(50) as the OPP cloth and paper fabric are welded in at the same time at the single-side of the base sheet with the resin melted liquid; a print step for forming the printing layer(54) on the OPP cloth of the wrapping paper and the printing layer on the paper fabric.



Title: BODY ADHERING ABSORBENT ARTICLE

Priority: US20070890093 20070803 US20070005793 20071228 US20080182937 20080730
 US20080182950 20080730 US20080182956 20080730 US20080182945 20080730
 AU20080285169 20080801 EP20080789525 20080801 EP20140164247 20080801
 WO20081B53098 20080801 US20090364406 20090202 US20090364388 20090202
 US20090364421 20090202 US20090364486 20090202 GB20110002334 20090715
 WO20091B53073 20090715 WO20091B53074 20090715 US20090507703 20090722
 WO20101B50338 20100126 WO20101B50335 20100126 GB20110014376 20100129
 GB20110014375 20100129 CN201080006359 20100129 GB20110014376 20100129
 GB20110014376 20100129 WO20101B50408 20100129 WO20101B50407 20100129
 US20110084271 20110411 US20110240596 20110922 US20120558930 20120726
 US20120621315 20120917 US20120621459 20120917 AU20130206493 20130624
 US20140163260 20140124 US20140193565 20140228 US20140245479 20140404
 US20140270896 20140506 AU20150203467 20150623 AU20150203468 20150623
 AU20150203472 20150623 AU20150203475 20150623 AU20150203476 20150623
 AU20150203477 20150623 US20170722285 20171002

Family:

Publication number	Publication date	Application number	Application date
AR067791 AA	20091021	AR2008P103374	20080801
AR072633 AA	20100908	AR2009P102904	20090729
AR072634 AA	20100908	AR2009P102905	20090729
AR075033 AA	20110302	AR2010P100119	20100119
AR075034 AA	20110302	AR2010P100120	20100119
AU2008285169 AA	20090212	AU20080285169	20080801
AU2008285169 BB	20130411	AU20080285169	20080801
AU2009278033 AA	20100204	AU20090278033	20090715
AU2009278033 BB	20131003	AU20090278033	20090715
AU2009278034 AA	20100204	AU20090278034	20090715
AU2009278034 BB	20140508	AU20090278034	20090715
AU2010209321 AA	20100805	AU20100209321	20100129
AU2010209321 BB	20150205	AU20100209321	20100129
AU2010209322 AA	20100805	AU20100209322	20100129
AU2010209322 BB	20150423	AU20100209322	20100129
AU2010209375 AA	20100805	AU20100209375	20100126
AU2010209375 BB	20150416	AU20100209375	20100126
AU2010209377 AA	20100805	AU20100209377	20100126
AU2010209377 BB	20150423	AU20100209377	20100126
AU2013206493 AA	20130711	AU20130206493	20130624
AU2013206493 BB	20150730	AU20130206493	20130624
AU2015203467 AA	20150716	AU20150203467	20150623
AU2015203467 BB	20160929	AU20150203467	20150623
AU2015203468 AA	20150716	AU20150203468	20150623
AU2015203468 BB	20160825	AU20150203468	20150623
AU2015203472 AA	20150716	AU20150203472	20150623
AU2015203472 BB	20160825	AU20150203472	20150623
AU2015203475 AA	20150716	AU20150203475	20150623
AU2015203475 BB	20160825	AU20150203475	20150623
AU2015203476 AA	20150716	AU20150203476	20150623
AU2015203476 BB	20160825	AU20150203476	20150623
AU2015203477 AA	20150716	AU20150203477	20150623
AU2015203477 BB	20160901	AU20150203477	20150623
BRPI0813202 A2	20141223	BR2008PI13202	20080801
BRPI0911690 A2	20151006	BR2009PI11690	20090715
BRPI0911707 A2	20151006	BR2009PI11707	20090715
CN101820839 A	20100901	CN200880110354	20080801
CN101820839 B	20170308	CN200880110354	20080801
CN102164568 A	20110824	CN200980138546	20090715
CN102164568 B	20141126	CN200980138546	20090715
CN102202630 A	20110928	CN200980138547	20090715
CN102202630 B	20141126	CN200980138547	20090715
CN102300532 A	20111228	CN201080005990	20100126
CN102300532 B	20130918	CN201080005990	20100126
CN102300533 A	20111228	CN201080006242	20100126
CN102300533 B	20160406	CN201080006242	20100126
CN102300534 A	20111228	CN201080006359	20100129
CN102300534 B	20150729	CN201080006359	20100129
CN102300535 A	20111228	CN201080006363	20100129
CN102300535 B	20140820	CN201080006363	20100129
CN104997595 A	20151028	CN201510341567	20100129
DE602008034797 D1	20141120	DE200860034797T	20080801
DE602008044685 D1	20160721	DE200860044685T	20080801
EP2175817 A2	20100421	EP20080789525	20080801
EP2175817 A4	20121024	EP20080789525	20080801
EP2175817 B1	20141008	EP20080789525	20080801
EP2754428 A1	20140716	EP20140164247	20080801
EP2754428 B1	20160608	EP20140164247	20080801
EP2823794 A1	20150114	EP20140167219	20080801
EP2823794 B1	20161005	EP20140167219	20080801
GB201102332 A0	20110323	GB20110002332	20090715
GB201102334 A0	20110323	GB20110002334	20090715

GB201114243 A0	20111005	GB20110014243	20100126
GB201114245 A0	20111005	GB20110014245	20100126
GB201114375 A0	20111005	GB20110014375	20100129
GB201114376 A0	20111005	GB20110014376	20100129
GB201215848 A0	20121024	GB20120015848	20090715
GB201300278 A0	20130220	GB20130000278	20090715
GB201318019 A0	20131127	GB20130018019	20100129
GB201318021 A0	20131127	GB20130018021	20100129
GB201318027 A0	20131127	GB20130018027	20100129
GB201318029 A0	20131127	GB20130018029	20100129
GB201318030 A0	20131127	GB20130018030	20100129
GB201318032 A0	20131127	GB20130018032	20100129
GB201318033 A0	20131127	GB20130018033	20100129
GB201318034 A0	20131127	GB20130018034	20100129
GB2474003 A1	20110330	GB20110002334	20090715
GB2474003 B2	20130515	GB20110002334	20090715
GB2474207 A1	20110406	GB20110002332	20090715
GB2474207 B2	20130116	GB20110002332	20090715
GB2474207 C	20170816	GB20110002332	20090715
GB2479510 A1	20111012	GB20110014243	20100126
GB2479510 B2	20130508	GB20110014243	20100126
GB2479513 A1	20111012	GB20110014375	20100129
GB2479513 B2	20140122	GB20110014375	20100129
GB2479698 A1	20111019	GB20110014245	20100126
GB2479698 B2	20140409	GB20110014245	20100126
GB2480190 A1	20111109	GB20110014376	20100129
GB2480190 B2	20140409	GB20110014376	20100129
GB2491301 A1	20121128	GB20120015848	20090715
GB2491301 B2	20130417	GB20120015848	20090715
GB2495436 A1	20130410	GB20130000278	20130108
GB2495436 A1	20130410	GB20130000278	20090715
GB2495436 B2	20130918	GB20130000278	20130108
GB2495436 B2	20130918	GB20130000278	20090715
GB2504227 A1	20140122	GB20130018029	20100129
GB2504227 B2	20140528	GB20130018029	20100129
GB2504405 A1	20140129	GB20130018019	20100129
GB2504405 B2	20140326	GB20130018019	20100129
GB2504406 A1	20140129	GB20130018027	20100129
GB2504406 B2	20140326	GB20130018027	20100129
GB2504407 A1	20140129	GB20130018034	20100129
GB2504407 B2	20140326	GB20130018034	20100129
GB2504626 A1	20140205	GB20130018021	20100129
GB2504626 B2	20140326	GB20130018021	20100129
GB2504627 A1	20140205	GB20130018030	20100129
GB2504627 B2	20140326	GB20130018030	20100129
GB2504628 A1	20140205	GB20130018032	20100129
GB2504628 B2	20140416	GB20130018032	20100129
GB2504629 A1	20140205	GB20130018033	20100129
GB2504629 B2	20140528	GB20130018033	20100129
JP2010535540 T2	20101125	JP20100518804T	20080801
KR101508404 B1	20150408	KR20107004636	20080801
KR101560126 B1	20151014	KR20157012429	20090715
KR101609008 B1	20160404	KR20117002239	20090715
KR101609009 B1	20160404	KR20117002242	20090715
KR101609106 B1	20160405	KR20157012426	20090715
KR101671547 B1	20161101	KR20117018005	20100129
KR101676058 B1	20161114	KR20117018001	20100126
KR101693059 B1	20170104	KR20117018007	20100126
KR20100052506 A	20100519	KR20107004636	20080801
KR20110046456 A	20110504	KR20117002239	20090715
KR20110048512 A	20110511	KR20117002242	20090715
KR20110107360 A	20110930	KR20117018001	20100126
KR20110107361 A	20110930	KR20117018006	20100129
KR20110118652 A	20111031	KR20117018005	20100129
KR20110118653 A	20111031	KR20117018007	20100126
KR20150061001 A	20150603	KR20157012426	20090715
KR20150061002 A	20150603	KR20157012429	20090715
MX2010001384 A1	20100409	MX20100001384	20080801
MX2011001177 A1	20110324	MX20110001177	20090715
MX2011001197 A1	20110315	MX20110001197	20090715
MX2011008096 A1	20110817	MX20110008096	20100126
MX2011008097 A1	20110817	MX20110008097	20100126
MX2011008098 A1	20110824	MX20110008098	20100129
MX2011008099 A1	20110824	MX20110008099	20100129
MX343311 B	20161031	MX20110008097	20100126
RU2010107545 A	20110920	RU20100107545	20080801
TW200924721 A	20090616	TW20080129177	20080801
TW201039802 A	20101116	TW20100101327	20100119
US2009036858 AA	20090205	US20070890093	20070803
US2009054864 AA	20090226	US20080182956	20080730
US2009062762 AA	20090305	US20080182937	20080730

US2009069730 AA	20090312	US20080182959	20080730
US2009171309 AA	20090702	US20070005793	20071228
US2009182296 AA	20090716	US20090364486	20090202
US2009198203 AA	20090806	US20090364406	20090202
US2009204090 AA	20090813	US20090364388	20090202
US2009204092 AA	20090813	US20090364421	20090202
US2010057034 AA	20100304	US20090507703	20090722
US2012016330 AA	20120119	US20110240596	20110922
US2012089107 AA	20120412	US20110084271	20110411
US2012289919 AA	20121115	US20120558930	20120726
US2013018344 AA	20130117	US20120621315	20120917
US2013018345 AA	20130117	US20120621459	20120917
US2014142530 AA	20140522	US20140163260	20140124
US2014180235 AA	20140626	US20140193565	20140228
US2014221953 AA	20140807	US20140245479	20140404
US2014243772 AA	20140828	US20140270896	20140506
US2018021185 AA	20180125	US20170722285	20171002
US7947027 BB	20110524	US20070005793	20071228
US8012137 BB	20110906	US20080182956	20080730
US8029489 BB	20111004	US20080182950	20080730
US8062275 BB	20111122	US20080182945	20080730
US8079993 BB	20111220	US20080182937	20080730
US8197456 BB	20120612	US20080182937	20080730
US8251969 BB	20120828	US20070890093	20070803
US8292862 BB	20121023	US20090507703	20090722
US8672911 BB	20140318	US20090364406	20090202
US8702672 BB	20140422	US20090364421	20090202
US8734413 BB	20140527	US20090364388	20090202
US8734415 BB	20140527	US20110240596	20110922
US8753324 BB	20140617	US20110084271	20110411
US8911418 BB	20141216	US20120558930	20120726
US9072636 BB	20150707	US20120621315	20120917
US9814632 BB	20171114	US20140163260	20140124
US9820892 BB	20171121	US20140245479	20140404
US9895274 BB	20180220	US20140270896	20140506
WO09019644 A2	20090212	WO20081B53098	20080801
WO09019644 A3	20090709	WO20081B53098	20080801
WO10013162 A2	20100204	WO20091B53073	20090715
WO10013162 A3	20100514	WO20091B53073	20090715
WO10013163 A2	20100204	WO20091B53074	20090715
WO10013163 A3	20100514	WO20091B53074	20090715
WO10086789 A2	20100805	WO20101B50335	20100126
WO10086789 A3	20101209	WO20101B50335	20100126
WO10086791 A2	20100805	WO20101B50338	20100126
WO10086791 A3	20101209	WO20101B50338	20100126
WO10086825 A2	20100805	WO20101B50407	20100129
WO10086825 A3	20101223	WO20101B50407	20100129
WO10086826 A2	20100805	WO20101B50408	20100129
WO10086826 A3	20101229	WO20101B50408	20100129

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s):(std): ARTEMAN CHANNON ; ARTEMAN CHANNON LEE B ; ASCHENBRENNER FRANZ ; ASCHENBRENNER FRANZ FA ; BOLAND KATIE ; BOLAND KATIE A ; ENZ DAVID JOHN ; BOOMS RENEE ; ENZ DAVID ; ENZ DAVID J ; BOOMS RENEE SUE ; DENNIS MELISSA JEAN ; BOYAVAL MARQUAX FRANCES ; DENNIS MELISSA ; CHENG KWEE LING ; BOLAND KATIE ANN ; CONRAD SUZANNE K SULLIVAN ; BOYAVAL MARGAUX FRANCES ; KIMBERLY CLARK WORLDWIDE INC ; HANNAH DEBORAH SNELL ; LIRA NUNEZ CARMEN ; HALLOCK ROXANNE BELINDA ; KRAUTKRAMER CANDACE DYAN ; KRAUTKRAMER CANDICE DYAN ; LIRA CARMEN ; GOERG WOOD KRISTIN ANN ; HANNAH DEBORAH ; LOYD ADRIENNE ; KIMBERLY CLARK CO ; HANNAH DEBORAH S ; LOYD ADRIENNE R ; FELL DAVID ARTHUR ; FOELSCHER GERHARD ANDREW ; HAGAN LUKE DELEHANTY ; HAGAN LUKE ; KIM DOOHONG ; GOH PRISCILLA ENG CHOO ; MCDANIEL MARY L ; LOYD ADRIENNE RAE ; VAN DEN BOGART THOMAS WILLIAM ; SULLIVAN CONRAD SUZANNE K ; MARTIN DEVANY ; WYDEVEN DEAN M ; YU LISHA ; VANDERLOOP SUZANNE K ; WOLTMAN GARRY R ; MCDANIEL MARY ; VANDENBOGART THOMAS W ; MCCORMACK ANN LOUISE ; ROESSLER THOMAS HAROLD ; LUTZOW THOMAS ANDREW ; PETRIE AIDAN J ; NELSON DANIEL JOSEPH ; VAN HIMBERGEN TIMOTHY JAMES ; SCHINAZI ALAN ; ROSS RUSSELL FREDERICK ; ONG YEINSZE ; NG MEIJIA ; MCMILLEN KATIE ; NELSEN DANIEL JOSEPH ; PLETOVICH DEVANY ; WYDEVEN DEAN MARTIN ; KIMBERLY CLARK CORP

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLY CLARK WORLDWIDE INC NEENAH ; XIMEDICA LLC ; KIMBERLY CLARK WORLDWIDE INC US ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s):(std): ADRIENNE RAE LOYD ; AIDAN J PETRIE ; ALAN SCHINAZI ; ANDREW FOELSCHER GERHARD ; ANDREW LUTZOW THOMAS ; ANN BOLAND KATIE ; ARTEMAN CHANNON ; ARTEMAN CHANNON LEE B ; ARTHUR FELL DAVID ; ASCHENBRENNER FRANZ ; ARTEMAN CHANNON LEE ; BOLAND KATIE ; BOLAND KATIE A ; BOLAND KATIE ANN ; BOOMS RENEE ; BOOMS RENEE SUE ; BOYAVAL MARGAUX FRANCES ; BOYAVAL MARQUAX F ; BOYAVAL MARQUAX FRANCES ; CANDACE DYAN KRAUTKRAMER ; CHENG CECILIA ; CHENG KWEE LING ; CHOO GOH PRISCILLA ENG ; CONRAD SUZANNE K SULLIVAN ; DAVID ARTHUR FELL ; DELEHANTY HAGAN LUKE ; DENNIS MELISSA ; DENNIS MELISSA J ; DENNIS MELISSA JEAN ; DOOHONG KIM ; DYAN KRAUTKRAMER CANDACE ; ENZ DAVID ; ENZ DAVID J ; ENZ DAVID JOHN ; FELL DAVID A ; FELL DAVID ARTHUR ; FOELSCHER GERHARD A ; FOELSCHER GERHARD ANDREW ; GOERG WOOD KRISTIN ANN ; GOERG WOOD KRISTINE ANN ; GOH PRISCILLA ENG CHOO ; HAGAN LUKE ; HAGAN LUKE D ; HAGAN LUKE DELEHANTY ; HALLOCK ROXANNE BELINDA ; HANNAH DEBORAH ; HANNAH DEBORAH S ; HANNAH DEBORAH SNELL ; HAROLD ROESSLER THOMAS ; HIMBERGEN TIMOTHY JAMES VAN ; JAMES HIMBERGEN TIMOTHY VAN ; JEAN DENNIS MELISSA ; JOSEPH NELSEN DANIEL ; KATIE ANN BOLAND ; KATIE MCMILLEN ; KIM DOO HONG ; KIM DOOHONG ; KIMBERLY CLARK WORLDWIDE INC ; KRAUTKRAMER CANDACE DYAN ; KRAUTKRAMER CANDICE D ; KRAUTKRAMER CANDICE DYAN ; LING CHENG KWEE ; LIRA CARMEN ; LIRA NUNEZ CARMEN ; LOYD ADRIANNE RAE ; LOYD ADRIENNE ; LOYD ADRIENNE R ; LOYD ADRIENNE RAE ; LUKE HAGAN ; LUTZOW THOMAS ANDREW ; LUTZOW THOMAS ANDREW ; LUTZOW THOMAS A ; LUTZOW THOMAS A ; LUTZOW THOMAS ANDREW ; MARTIN DEVANY ; MCCORMACK ANN LOUISE ; MCDANIEL MARY ;

MCDANIEL MARY L ; MCDANIEL MARY LOU ; MCMILLEN KATIE ; MEIJIA NG ; MELISSA JEAN DENNIS ; NELSEN DANIEL JOSEPH ; NELSON DANIEL JOSEPH ; NG MEIJIA ; ONG YEIN SZE ; ONG YEINSZE ; PETRIE AIDAN J ; FRANCES BOYAVAVAL MARQUAX ; FRANZ ASCHENBRENNER ; FREDERICK ROSS RUSSELL ; PLENTOVICH DEVANY ; PRISCILLA ENG CHOO GOH ; RAE LOYD ADRIENNE ; ROESSLER THOMAS HAROLD ; ROSS RUSSELL FREDERICK ; CARRION HEIDI ; SCHINAZI ALAN ; THOMAS ANDREW LUTZOW ; THOMAS HAROLD ROESSLER ; TIMOTHY JAMES VAN HIMBERGEN ; VAN DEN BOGART THOMAS WILLIAM ; VAN HIMBERGEN TIMOTHY JAMES ; VANDENBOGART THOMAS W ; VANDENBOGART THOMAS WILLIAM ; VANDERLOOP SUSANNE K ; SULLIVAN CONRAD SUZANNE K ; VANDERLOOP SUZANE K ; VANDERLOOP SUZANNE K ; WOLTMAN GARRY R ; WOLTMAN GARRY ROLAND ; WYDEVEN DEAN M ; WYDEVEN DEAN MARTOM ; YEINSZE ONG ; YU LISHA ; FOELSCHER GERHARD ; BOYAVAVAL MARGAUX ; ROSS RUSSELL F ; RENEE BOOMS ; WYDEVEN DEAN MARTIN ; LISHA YU ; KATIE BOLAND ; KATIE A BOLAND ; DYAN KRAUTKRAMER CANDICE ; DEVANY MARTIN ; DEBORAH HANNAH ; DAVID ENZ ; DANIEL JOSEPH NELSEN ; CHANNON ARTEMAN ; CARMEN LIRA ; BOOMS RENEE S ; GOERG WOOD KRISTIN A ; ARTEMAN CHANON L B ; ANN GOERG WOOD KRISTIN ; ADRIENNE LOYD ; LUTTZOW THOMAS ANDREW

Inventor(s): THOMAS ANDREW LUTTZOW ; ARTEMAN CHANNON NEENAH ; ENZ DAVID NEENAH ; BOOMS RENEE NEENAH ; BOLAND KATIE NEENAH ; HANNAH DEBORAH NEENAH ; GOERG WOOD KRISTIN ANN NEENAH ; LIRA CARMEN NEENAH ; KRAUTKRAMER CANDICE DYAN NEENAH ; WYDEVEN DEAN M NEENAH ; VANDERLOOP SUZANNE K NEENAH ; MARTIN DEVANY NEENAH ; LOYD ADRIENNE NEENAH ; YU LISHA NEENAH ; GOERG WOOD KRISTIN A AND ; YEIN SZE ONG ; SUZANE K VANDERLOOP ; SUZANNE K VANDERLOOP ; THOMAS ANDREW LUTSOW ; VANDERLOOP SUSANNE K NEENAH ; CHANNON L. B. ARTEMAN ; RUSSELL FREDERICK ROSS ; RENEE S, BOOMS ; GERHARD ANDREW FOELSCHER ; MARQUAX FRANCES BOYAVAVAL ; LUKE DELEHANTY HAGAN ; KRISTIN A. GOERG-WOOD ; KRISTIN ANN GOERG WOOD ; KWEE LING CHENG ; DEVANY PLENTOVICH ; DAVID J. ENZ ; DEAN M WYDEVEN ; DEBORAH S. HANNAH ; DANIEL JOSEPH NELSON ; CANDICE DYAN KRAUTKRAMER ; ADRIANNE RAE LOYD ; ADRIENNE R. LOYD ; CANDACE D. KRAUTKRAMER

Agent(s): SPRUSON AND FERGUSON; DEHNS; DAVIES CHRISTOPHER ROBERT; GITTINS ALEX MICHAEL; KIMBERLY CLARK WORLDWIDE INC CATHERINE E WOLF; CHRISTOPHER M GOFF 27839 ARMSTRONG TEASDALE LLP; KIMBERLY CLARK WORLDWIDE INC TARA POHLKOTTE; RALPH H; DAVID J; ARMSTRONG TEASDALE LLP; RANDALL W; KIMBERLY CLARK WORLDWIDE INC; BRIDGE RICHARD L; BRIDGE RICHARD L ET AL; ARTEMAN DAVID J ET AL; ROSIEJKA BRYAN R 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 MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): A61F13/02 A61F13/15 A61F13/20 A61F13/45 A61F13/47 A61F13/472 A61F13/475 A61F13/505 A61F13/51 A61F13/511 A61F13/514 A61F13/53 A61F13/551 A61F13/56 A61F13/58 A61F13/60 A61F13/62 A61F13/82 A61F13/84 A61F15/00 A61L15/22 A61L15/60 B65D85/07 B65D85/16 (Advanced/Invention); A61F13/472 A61F13/53 A61F13/58 A61F13/60 A61F13/82 A61F13/84 B65D85/16 (Advanced/Non-invention); A61F13/15 A61F13/20 A61F13/56 A61L15/16 (Core/Invention); A61F13/47 A61F13/56 (Core/Non-invention)

International class (IPC 1-7): A61F13/15 A61F13/472 A61F13/51 A61F13/514 A61F13/53 A61F13/551 A61F13/56 A61F13/58 A61F13/82 A61F15/60

CPC: A61F13/5611 A61F13/47245 A61F13/4757 A61F13/15 A61F13/56 A61F13/5513 A61F13/51496 A61F13/622 A61F13/84 A61F13/4704 A61F13/15203 A61F13/47209 A61F13/0246 A61F13/511 A61F13/5514 A61F13/55165 A61F13/55175 A61F13/55185 A61F2013/51156 A61F13/505 A61F15/001 A61F13/5605 A61F13/551 A61F13/47 A61F13/4702 A61F13/47227 A61F13/55135 A61F13/5519 A61F13/472 A61F13/82 A61F13/58

European class: A61F13/15J A61F13/472 A61F13/472A A61F13/472B1 A61F13/47A A61F13/505 A61F13/551 A61F13/551B A61F13/551B2B A61F13/551F A61F13/551F4 A61F13/551H A61F13/56B A61F13/82 A61F13/84 A61F15/00B

US class: 1/1 604/367 604/368 604/368P 604/369 604/369S 604/372 604/378 604/378P 604/385.01 604/385.010S 604/385.02 604/385.020P 604/385.03 604/385.030P 604/385.030S 604/385.04 604/385.05 604/385.050P 604/385.050S 604/385.14 604/385.17 604/385.170S 604/385.18 604/386 604/387 604/387S 604/389 604/389S 604/390 604/390S 604/400 604/401

[Classification Explorer](#)

Cited documents: WO9930659 A1, WO9915123 A1, WO9901095 A1, WO9901094 A1, WO9857609 A1, WO9855065 A1, WO9847454 A1, WO9828023 A1, WO9828022 A1, WO9828019 A1, WO9828017 A1, WO9828015 A1, WO9827918 A1, WO9827917 A1, WO9827916 A1, WO9827915 A1, WO9827913 A1, WO9827912 A1, WO9827910 A1, WO9823305 A1, WO9633683 A1, WO9629968 A1, WO9516424 A1, WO9307841 A1, WO10077306 A1, WO09019644 A2, WO08036296 A2, WO08029558, WO07144791, WO06028612 A1, WO04093766 A1, WO03103420 A1, WO03062343 A1, WO02094160 A1, WO02087642 A2, WO0172254, WO0160300 A1, WO0068542 A1, WO0000235 A1, USH1602 H1, USH001602 H1, US7918837 BB, US7468205 BB, US7378450 BB, US7358282 BB, US7265158 BB, US7217259 BB, US7198689 BB, US7137971 BB, US7125401 BB, US7122022 BB, US7063859 BA, US7053131 BB, US7045559 BB, US7033342 BB, US6997915 BB, US6803420 BB, US6756520 BA, US6733483 BB, US6702796 BB, US6697915 BB, US6683143 BA, US6670402 BA, US6659990 BA, US6657009 BB, US6641569 BA, US6632210 BA, US6620143 BA, US6617490 BA, US6616643 BA, US6613955 BA, US6613030 BA, US6582411 BA, US6566575 BA, US6565961 BB, US6497692 BA, US6495229 BA, US6491953 BA, US6479724 BA, US6386203 BA, US6383630 BA, US6369126 BA, US6365645 BA, US6365465 BA, US6362389 BA, US6361524 BA, US6352528 BA, US6336935 BA, US6316524 BA, US6255552 BA, US6213993 BA, US6211263 BA, US6191189 BA, US6187989 BA, US6177482 BA, US6177482 B1, US6156818 A, US6155265 A, US6080139 A, US6045900 A, US5994613 A, US5910125 A, US5897546 A, US5885265 A, US5830202 A, US5811116 A, US5807367 A, US5800417 A, US5769837 A, US5759560 A, US5716621 A, US5714225 A, US5706950 A, US5669894 A, US5662633 A, US5658270 A, US5658270, US5632736 A, US5618821 A, US5618282 A, US5618281 A, US5614310 A, US5611790 A, US5599335 A, US5591146 A, US5554381 A, US5445627 A, US54427 A, US5419956 A, US5387208 A, US5382400 A, US5369155 A, US5277954 A, US5221275 A, US5194550 A, US5194299 A, US5160328 A, US5147938 A, US5133705 A, US5114419 A, US5051259 A, US4977892 A, US4909244 A, US4846824 A, US4804380 A, US4798603 A, US4781713 A, US4781712 A, US4758241 A, US4743245 A, US4676403 A, US4673403 A, US4631062 A, US4556056 A, US4505976 A, US4488928 A, US4340563 A, US4072151 A, US3998215 A, US3972328 A, US3963029 A, US3885559 A, US3849241 A, US3811438 A, US3802817 A, US3731683 A, US3692618 A, US3598123 A, US3542615 A, US3502763 A, US3502538 A, US3341394 A, US3388992 A, US3288346 A, US2842897 A, US2012089107 AA, US2011135726 AA, US2011092945 AA, US2010198177 AA, US2010152693 AA, US2010121304 AA, US2010057034 AA, US2009204092 AA, US2009204090 AA, US2009198203 AA, US2009182296 AA, US2009171309 AA, US2009118691 AA, US2009071862 AB, US2009069780 AA, US2009069771 AA, US2009062762 AA, US2009062761 AA, US2009054864 AA, US2009036858 AA, US2008234647 AA, US2008207779 AA, US2008182378 AA, US2008161492 AA, US2008147035 AA, US2008071237 AA, US2008057811 AA, US2008021424 AA, US2008015535 AA, US2008015535, US2007287973 AA, US2007275068 AA, US2007250028 AA, US2007179467 AA, US2007161927 AA, US2007124850 AA, US2007100313 AA, US2007031463 AA, US2006264884 AA, US2006258788 AA, US2006240087 AA, US2006224134 AA, US2006224134, US2006224133 AA,

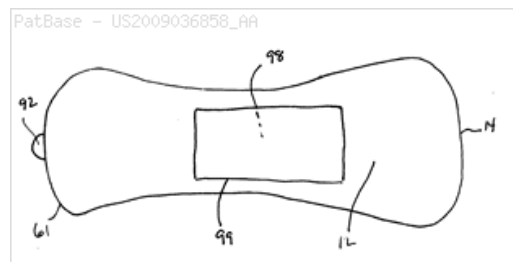
US2006216523 AA, US2006206077 AA, US2006205835 AA, US2006195053 AA, US2006188940 AA, US2006161125 AA, US2006148917 AA, US2006148352 AA, US2006142722 AA, US2006129114 AA, US2006089613 AA, US2006079823 AA, US2006063322 AA, US2006058764 AA, US2006058760 AA, US2005261652 AA, US2005244442 AA, US2005233149 AA, US2005226917 AA, US2005182378 AA, US2005148984 AA, US2005137561 AA, US2005137554 AA, US2005137549 AA, US2005136077 AA, US2005136023 AA, US2005124960 AA, US2005124948 AA, US2005059918 AA, US2005036957 AA, US2005014901 AA, US2005010185 AA, US2005010185, US2004260263 AA, US2004238393 AA, US2004209075 AA, US2004167491 AA, US2004167488 AA, US2004162539 AA, US2004158221 AA, US2004151930 AA, US2004133143 AA, US2004122385 AA, US2004116883 AA, US2004115251 AA, US2004059310 AA, US2004054342 AA, US2004019335 AA, US2004005830 AA, US2003212416 AA, US2003208112 AA, US2003203011 AA, US2003170308 AA, US2003106825 AA, US2003078554 AA, US2003065304 AA, US2003065302 AA, US2003044380 AA, US2003004484 AA, US2002193766 AA, US2002193766, US2002156448 AA, US2002072725 AA, US2002072725, US2002037977 AA, US2002013566 AA, US2002013565 AA, US2001039407 AA, US2001039407, US2001025163 AA, US2001025163, US1602 A, TWI227668 B, RU2286801 C2, RU2277891 C2, RU2276998 C2, KR20060109971 A, KR20060109971, KR20020082555 A, KR20010022000 A, KR20010013478 A, KR20010013478, KR20010002200 A, KR1020010022000, KR102001002200, KR100563880 B1, KR100563880, JP9117473 A2, JP9117473, JP4279159 A2, JP2004129923 A2, GB2491301 A1, GB2474207 A1, GB2430686 A1, GB2284767 A1, EP2379038 A1, EP2055282 A1, EP1707172 A1, EP1468661 A1, EP1426025 A1, EP1407746 A1, EP1407743 B1, EP1407743 A1, EP1407737 A1, EP0965318 A2, EP0909662 A2, EP0850628 A1, EP0638303 B1, EP0638303 A1, EP0609236 B1, EP0609236 A1, EP0607986 A1, EP0400895 A1, EP0400895, EP0353972 A1, EP0353972, DE69232589 T2, DE69232589, CN1846658, CN1694664, CN1421184,

Forward Citations:

WO16054292, WO14132153, WO12107859, WO12107859, WO12107853, WO12107853, WO11110878, WO11073808, USD827815, USD810931, USD808534, USD750226, USD726393, USD724819, USD724818, USD721170, USD720848, USD718918, USD714029, USD713619, USD701367, USD701018, USD699921, USD699920, USD699919, USD680428, USD678766, USD678062, USD678061, USD678060, USD678059, USD678058, USD672646, USD623290, US9962158, US9931253, US9907711, US9895274, US9870650, US9827755, US9827696, US9795705, US9766007, US9765459, US9750648, US9713351, US9572731, US9555151, US9468564, US9408684, US9394637, US9295499, US9278034, US9173783, US9132049, US9132046, US9126372, US9095476, US9072636, US9060863, US9024108, US9023000, US9004077, US8979814, US8911418, US8821466, US8790372, US8764922, US8758547, US8753324, US8636146, US8591488, US8523904, US8511313, US8480387, US8454660, US8398915, US8394316, US8388329, US8292862, US8216275, US8162982, US7976525, US7947027, US7918837, US2017319396, US2016361191, US2016331604, US2016302929, US2016074551, US2015265472, US2014326390, US2014200528, US2014188065, US2014014129, US2014000626, US2013204219, US2013165886, US2013060221, US2012199268, US2012022484, US2011215017, US2011208231, US2011130733, US2010152687, US2010057034, US2009204095, US2009182296, US2009171309, US2009118692, US2009118691, US2009112176, US2009101155, US2009082820, US10076453, US10064688, US10010393, TWI626930, RU2596939, KR20140057276, KR101869124, KR101868189, KR101586592, JP5567965, JP2012115465, JP2012075463, GB2504626, GB2504626, GB2504406, GB2504406, GB2504405, GB2504405, GB2504227, GB2504227, GB2501430, GB2501430, GB2501425, GB2501425, GB2479698, CN105476107, CN105362002, CN105362001, CN105362000, CN104394797, CN103796687, CN103347478, CN103347474, CN102319148, CN102319148, AU2012215122,

Abstract:

The present invention provides a body adhering absorbent articles which is capable of absorbing bodily fluids. In particular embodiment of the present invention, provided is an absorbent article which is specifically designed for attachment to a wearer's skin in the vulva region of the wearer's torso.

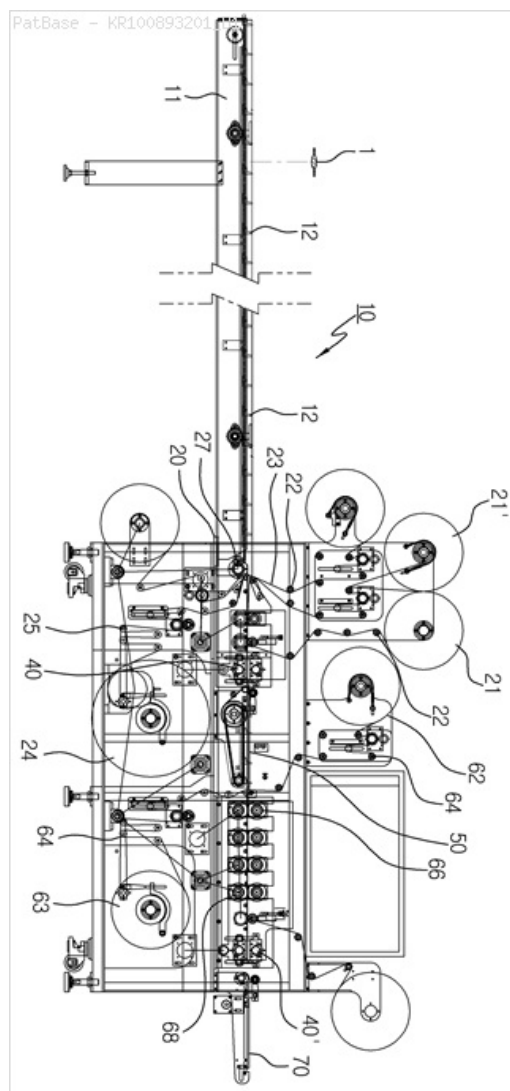


Title: AN AUTOMATIC PACKAGING APPARATUS OF SAP PATCH**Priority:** KR20070123666 20071130

Family:	Publication number	Publication date	Application number	Application date
	■ KR100893201 B1	20090416	KR20070123666	20071130

Probable Assignee: KJI IND CO LTD**Assignee(s):(std):** KJI IND CO LTD**Assignee(s):** KJI INDUSTRIAL CO**Inventor(s):(std):** HONG KI JIN**International class**
(IPC 8-9): B31B19/60 B31B21/00 B31B21/60 (Advanced/Invention);
B31B19/60 B31B21/00 B31B21/60 (Advanced/Non-invention);
B31B19/00 B31B21/00 (Core/Invention)**CPC:** B31B70/60 B31B70/00 B31B2150/00 B31B2160/10 B31B70/146 B31B70/022[Classification Explorer](#)**Cited documents:** KR20040105440 A, KR20010105356 A, JP8133242 A2,**Abstract:**

An automatic sap patch packaging apparatus is provided to improve packaging efficiency of sap patch through the integration of adhesive sheet and release paper packing work and external packing work, and to prevent foreign materials from entering the sap patch being packed. An automatic sap patch packaging apparatus comprises a sap patch transfer unit(10), a first sap patch packing unit, a second sap patch packing unit, and a product guide belt(70). The sap patch transfer unit puts a sap patch(1) in between attach hangers(12), which are installed in the center of a transfer conveyor(11), one by one and transfers it to a table(20) at high speed. The first sap patch packing unit, in which a plurality of guide rollers are interposed, supplies release paper(23) to both sides of center of the sap patch and supplied adhesive sheet to a sheet liner removal roll(27). The second sap patching packing unit cuts the adhesive sheet and release paper, in which the sap patch is attached, with a first cutting part, and seals the all sides of the adhesive sheet with a side sealing roller(66) and an end sealing roller(68). The product guide belt ejects the completed product.



Title: SANITARY ARTICLE ASSEMBLY INCLUDING AN OVERWRAP FOR DISPOSAL OF A SOILED SANITARY ARTICLE

Priority: US20070981580P 20071022 US20070981580 20071022 US20070957853 20071217
AU20080230045 20081022 AU20140218448 20140829

Family:	Publication number	Publication date	Application number	Application date
	AU2008230045 AA	20090507	AU20080230045	20081022
	AU2014218448 AA	20140918	AU20140218448	20140829
	AU2014218448 BB	20160303	AU20140218448	20140829
	BRPI0806151 A2	20100406	BR2008PI06151	20081022
	CA2641344 AA	20090422	CA20082641344	20081021
	CN101480366 A	20090715	CN200810170718	20081022
	CO6120174 A1	20100129	CO20080112767	20081022
	EP2052703 A1	20090429	EP20080253403	20081021
	IN01788KO2008 A	20090605	IN2008KO01788	20081022
	RU2008141810 A	20100427	RU20080141810	20081021
	RU2522098 C2	20140710	RU20080141810	20081021
	TH110006 A	20110816	TH20081005423	20081021
	US2009105680 AA	20090423	US20070957853	20071217
	ZA200809069 A	20100728	ZA20080009069	20081022

Probable Assignee: JOHNSON AND JOHNSON INC

Assignee(s):(std): AMIOT SUZANNE ; BRISEBOIS FRANCE ; DZHONSON EHND DZHONSON INK ; HANN DRAGANA ; JOHNSON AND JOHNSON INC

Inventor(s):(std): AM O SJUZANN ; BRIZBUA FRANS ; KHANN DRAGANA ; SUZANNE AMIOT ; HANN DRAGANA ; FRANCE BRISEBOIS ; DRAGANA HANN ; BRISEBOIS FRANCE ; AMIOT SUZANNE

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; JIMENA ESCOBAR URIBE; KIRSCH SUSAN EDITH ET AL; PHILIP S JOHNSON JOHNSON AND JOHNSON

Designated states: AL BA DE FR GB IT MK RS

International class (IPC 8-9): A61F13/00 A61F13/15 A61F13/20 A61F13/505 A61F13/551 A61F13/84 (Advanced/Invention); A61F13/00 A61F13/15 (Core/Invention); A61F (Subclass/Invention)

International class (IPC 1-7): A61F 13/15 A61F13/15 A61F13/551

CPC: A61F13/5514 A61F13/551 A61F13/5515 A61F2013/8402

European class: A61F13/551B2B A61F13/551B4 K61F13/551 K61F13/84A

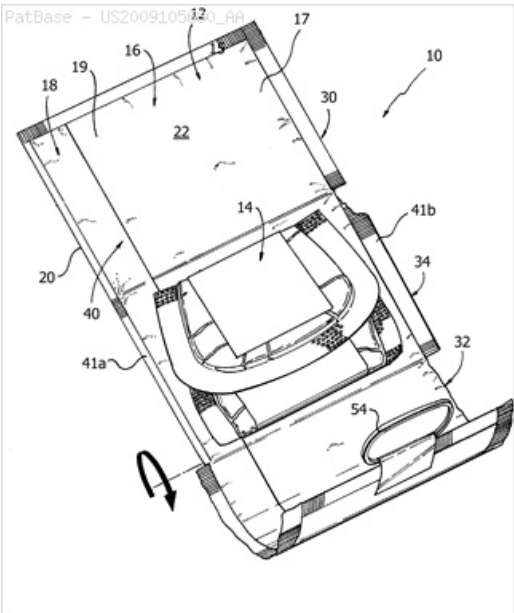
US class: 604/385.02 604/385.020P 604/385.13 604/385.130S

[Classification Explorer](#)

Cited documents: WO0160300A, WO0160300 A1, US6544242 BA, US5618282 A, US4857066 A, US4772282 A, US4605403 A, US4556146 A, US2007049891 AA, US2006058765 AA, US2003116462 AA, US2002111597 AA, RU2204975, RU2192232, EP1300125 A2, EP0269879 A2,

Forward Citations: WO10117590, US9211219, US9011400, US9011399, US8932272, US8568378, US8545470, US8460260, US8388592, US8388591, US2011028935, US2011028933, US2011028932, US2011028931, US2010249742, CN101987056,

Abstract:
The present invention relates to sanitary absorbent articles and in particular to a sanitary absorbent article assembly including an overwrap structure for packaging a clean sanitary article, the overwrap structure including a pocket for receiving a soiled sanitary article for disposal.

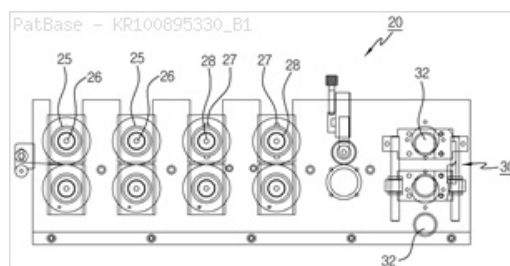


Title: A SEALING APPARATUS OF SAP PATCH**Priority:** KR20070123668 20071130

Family:	Publication number	Publication date	Application number	Application date
	■ KR100895330 B1	20090507	KR20070123668	20071130

Probable Assignee: KJI IND CO LTD**Assignee(s):(std):** KJI IND CO LTD**Assignee(s):** KJI INDUSTRIAL CO**Inventor(s):(std):** HONG KI JIN**International class**
(IPC 8-9): B31B19/00 B31B19/60 B31B21/60 (Advanced/Invention);
B31B19/00 B31B19/60 B31B21/60 (Advanced/Non-invention);
B31B19/00 B31B21/00 (Core/Invention)**CPC:** B31B70/00 B31B70/60 B31B2150/00 B31B2160/10 B31B70/146[Classification Explorer](#)**Cited documents:** KR200408133 Y1, KR20040084311 A, JP8133242 A2,**Abstract:**

Source: KR100895330B **Machine translation:** This invention is SAP Patch and adhesive sheet package facilitates the work automatically so you can perform easy, of course, SAP sheets need work: separate the packaging of personnel but, SAP further increase the efficiency of the packaging of the sheet, the SAP sheet packed debris blocked a commitment such as hygienically safe packing and sealing devices for SAP patches wrapper so that it can be. its technical configuration, SAP Patch (1) lay a sheet of adhesive bonded to prevent the Guide Jim (11) is attached to the transfer Panel (12) is located on the old belt (13) through the packing part is ever transferred to be sent will be reminded of this installation (10), sent (10), side table (21) award by polypropylene (PP) coated paper fabric upper fabric roller (22) and coiled, table (21), polyethylene (PE) side of the fabric is wound the bottom fabric roller (23) is mailed for each location, (10) through the SAP Patch adhesion adhesive sheet being taken (1) into the top and bottom of the guide roller (24) and The above table (21) high-side with both sides in the sealing part only car (25) formed side sealing roller (26) and on the surface of the sealing jaw (27) transverse sealing the end roller stand (28) is installed, in addition of the adhesive bonded sheets of wrapping paper SAP patches left and right and up-down-side sealing packaging ever wrap (20) is installed, the above end sealing roller (28) at the rear of the eccentric shaft supports both sides (31) (32) (33) between the cutter body is horizontal, the stand is installed on that side of the cutter (34) This eccentric rotation ever installed 1, the product is packaged wrapper cutting cutting (30) is installed on the other hand, the aforementioned cutting (30) on the side of the work, product information belt (40) is installed, the cutting is completed, the product will be, it is the SAP Patch above the rock unearthed a speech packed one product guide guide guide to the belt (40), roller (41) Guide axis (42) and call the wrapper is installed on both ends to be installed making it ever transported. Keywords SAP patches, which are mailed, side and end sealing roller, packaging division



Title: APPARATUS FOR, AND METHOD OF, PRODUCING A BAG FROM PAPER, AND PAPER BAG
Priority: DE200710054714 20071114 EP20080850953 20081113 WO2008EP65491 20081113
US20100734676 20100816 US20130080952 20131115

Family:	Publication number	Publication date	Application number	Application date
	DE102007054714 A1	20090528	DE200710054714	20071114
	DE102007054714 B4	20160922	DE200710054714	20071114
	DE502008013504 D1	20151203	DE200850013504T	20081113
	EP2209613 A2	20100728	EP20080850953	20081113
	EP2209613 B1	20151021	EP20080850953	20081113
	US2010311557 AA	20101209	US20080734676	20081113
	US2014274636 AA	20140918	US20130080952	20131115
	US9802378 BB	20171031	US20130080952	20131115
	WO09063015 A2	20090522	WO2008EP65491	20081113
	WO09063015 A3	20090702	WO2008EP65491	20081113

Probable Assignee: WINDMOELLER AND HOELSCHER KG

Assignee(s):(std): THIES JOERG CHRISTIAN ; WINDMOELLER AND HOELSCHER ; WINDMOELLER AND HOELSCHER KG

Inventor(s):(std): THIES JOERG CHRISTIAN

Agent(s): JACOBSON HOLMAN PLLC

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

International class (IPC 8-9): B31B1/16 B31B19/00 B31B19/16 B31B19/62 B31B19/90 B31B21/00 B31B23/00 B31B23/60 B31B37/00 B31B49/04 (Advanced/Invention); B31B49/04 (Advanced/Non-invention); B31B19/00 B31B23/00 (Core/Invention)

CPC: B31B70/8123 B31B19/00 B31B2219/022 B31B2219/145 B31B2219/26 B31B2219/6007 B31B2219/90 B31B2219/9009 B31B2221/10 B31B2237/40 B31B70/00 B31B70/10 B31B70/16 B31B70/26 B31B70/62 B31B70/81 B31B2150/00 B31B2155/001 B31B2160/10

European class: B31B19/62 B31B21/00 L31B219/60B L31B219/90 L31B219/90B3 L31B221/10

US class: 493/235 493/239 493/239P

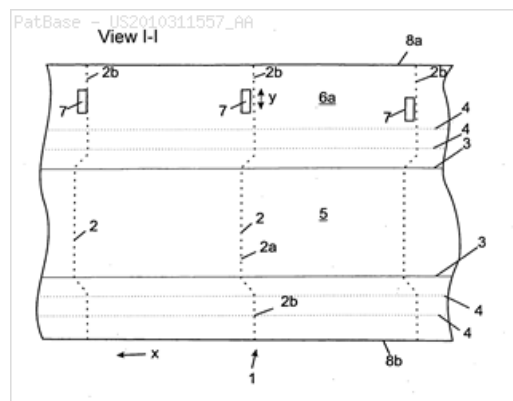
[Classification Explorer](#)

Cited documents: US9434492 BA, US9028386 BB, US8241194 BB, US7191579 BB, US5952025 A, US5776285 A, US5429576 A, US5421805 A, US5002220 A, US4997504 A, US4913693 A, US4003780 A, US3929275 A, US3850724 A, US3613288 A, US3537359 A, US3203323 A, US2855832 A, US2013260977 AA, US2010311557 AA, GB918381 A, EP0623458 A2, DE4314685 A1, DE3529746 A1, DE1161755 A,

Forward Citations: US9802378, US2014274636, ITUB20160489, DE102015103824, DE102015103824,

Abstract:

The invention describes a bag machine for production of bags made of paper material, comprising: an unwinding device to unwind and feed to the machine material made of paper in a transport direction (x), a device to produce weakening lines, having a trend, in which parts of these weakening lines are offset relative to each other in direction (x), so that a first wall of the finished bag continues in at least one tab that extends beyond the second wall, a tube-forming device to form a tube, in which the side areas of the sheet can be folded to form an overlapping area and join to each other, a separation device to separate the tube sections along the weakening lines from the tube, and a bottom formation device, in which areas of the leading end of the tube section can be folded and fastened onto an outer wall of the tube section. A device for application of adhesive surfaces to the paper materials is provided, with which an adhesive surface can be applied to an area of the paper material, which represents the side of the tab facing the second wall in the finished bag.



Title: METHOD FOR MAKING PACKAGE-ABSORBENT ARTICLE ASSEMBLY AND PACKAGE-ABSORBENT ARTICLE ASSEMBLY OBTAINED BY THE SAME

Priority: JP20080008530 20080117 US20080863226 20081120 WO2008JP71077 20081120
US20100863226 20101007 US20120526735 20120619

Family:	Publication number	Publication date	Application number	Application date
	AU2008347809 AA	20090723	AU20080347809	20081120
	AU2008347809 BB	20130328	AU20080347809	20081120
	CA2712024 AA	20090723	CA20082712024	20081120
	CN101959483 A	20110126	CN200880127779	20081120
	CO6290612 A2	20110620	CO20100100622	20100817
	EA017341 B1	20121130	EA20100070848	20081120
	EA201070848 A1	20110228	EA20100070848	20081120
	EP2241298 A1	20101020	EP20080870838	20081120
	EP2241298 A4	20130731	EP20080870838	20081120
	IN02986KN2010 A	20111125	IN2010KN02986	20100813
	JP2009165712 A2	20090730	JP20080008530	20080117
	JP5156407 B2	20130306	JP20080008530	20080117
	KR20100116190 A	20101029	KR20107018083	20081120
	MA32083 B1	20110201	MA20100033091	20100813
	MX2010007821 A1	20100930	MX20100007821	20081120
	TH124738 A	20130621	TH20091000179	20090116
	TW200942458 A	20091016	TW20090101535	20090116
	UA99169 C2	20120725	UA20100100027	20081120
	US2011017628 AA	20110127	US20080863226	20081120
	US2012323203 AA	20121220	US20120526735	20120619
	US8201386 BB	20120619	US20080863226	20081120
	US8469192 BB	20130625	US20120526735	20120619
	WO09090795 A1	20090723	WO2008JP71077	20081120
	ZA201005816 A	20110525	ZA20100005816	20100816

Probable Assignee: UNI CHARM CORP

Assignee(s):(std): UNI CHARM CORP ; UNI CHARM LTD ; UNICHARM CORP ; YOKOE KEIJIRO ; FUJIKAWA MICHIO ; OBA KENJI

Assignee(s): UNI CHARM CO LTD

Inventor(s):(std): KEIJIRO YOKOE ; KENJI OBA ; MICHIO FUJIKAWA ; OBA KENJI ; FUJIKAWA MICHIO ; YOKOE KEIJIRO

Inventor(s): YOKOE, Keijiro ; FUJIKAWA, Michio ; OBA, Kenji

Agent(s): PHILLIPS ORMONDE FITZPATRICK ; STARK GORDON DRUMMOND ; BRINKS HOFER GILSON AND LIONE/ANN ARBOR ; BRINKS HOFER GILSON AND LIONE ANN ARBOR ; BRINKS HOFER GILSON AND LIONE ; SHIRAHAMA YOSHIHARU 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 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

International class (IPC 8-9): A41C A41C5/00 A61F A61F13/00 A61F13/15 A61F13/472 A61F13/551 A61F13/84 A61L15/00 B65B25/14 B65B49/00 B65B61/06 B65B63/04 B65B9/06 B65D B65D75/14 B65D75/20 B65D75/52 B65D75/58 B65D85/07 B65D85/16 (Advanced/Invention); A41C5/00 A61F13/551 B65B49/00 B65D75/20 B65D85/16 B65H45/09 B65H45/22 (Advanced/Non-invention); A41C5/00 A61F13/15 A61F13/84 B65B63/04 B65D75/04 B65D85/16 (Core/Invention); A41C5/00 B65D75/58 B65D85/16 (Core/Non-invention)

CPC: B65D85/07 B65B9/06 A61F13/15747 A61F13/551 A61F2013/15016 B65B25/145 B65B61/06 B65B63/04 B65D75/527

European class: A61F13/15H2 A61F13/15M6F A61F13/551 B65B25/14C B65B61/06 B65B63/04 B65B9/06 B65D75/52H B65D85/16 K61F13/15A6

US class: 206/440 206/494 209/494 53/116 53/117 53/429 53/429S 53/450 604/385.02

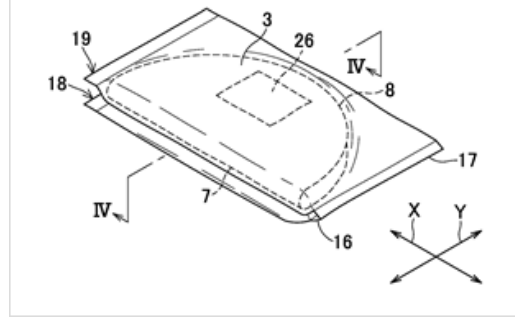
[Classification Explorer](#)

Cited documents: US8201386 BB, US7908824 BB, US6978584 BA, US6935091 BB, US6802833 BB, US6176371 BA, US6176371 B1, US6115997 A, US6041928 A, US5979144 A, US5879500 A, US4781293 A, US2011167765 AA, US2011040275 AA, US2011017628 AA, US2008276570 AA, US2007287979 AA, US2007099542 AA, US2005198931 AA, US2004226843 AA, JP7313547 A2, JP2007326622 A2, JP2007126161 A2, JP200313305, JP2003013305 A2, JP2002362626 A2, JP200188866, JP200108866 A2, JP2000309391 A2, JP2000247358 A2,

Forward Citations: WO16058514, WO12102071, US9220641, US8469192, US8201386, US2013165896, US2012323203, US2011179753, JP5823699, JP5467645, JP2012157396, JP2011251752, EP2969779, CN107074476, CN103356343, CN103356343, CN102756831,

Abstract:

The present invention includes following the steps of: In a first step, first and second breast milk absorbent pads 2(i), 3(i) are fed onto wrapping sheet web 29. In a second step, the first breast milk absorbent pad 2(ii) is fed so as to be displaced from a transverse center line 32 toward an upper end 30 by ¼ of a dimension H thereof as measured in a longitudinal direction Y, and the second breast milk absorbent pad 2(ii) is fed so as to be displaced from a transverse center line 32 toward a lower end 30 by ¼ of a dimension H thereof as measured in a longitudinal direction Y. In a third step, the first and second breast milk absorbent pads 2, 3(iii) are respectively folded back from the upper and lower ends 30, 31 toward the transverse center line 32 in two-ply fashion. In a fourth step, the upper and lower ends of the wrapping sheet web 29 are folded back toward the transverse center line 32. In a fifth step, a joint zone 20 is formed between the first and second breast milk absorbent pads 2, 3(v) and these two pads 2, 3(v) is cut apart along a cutting line 33.

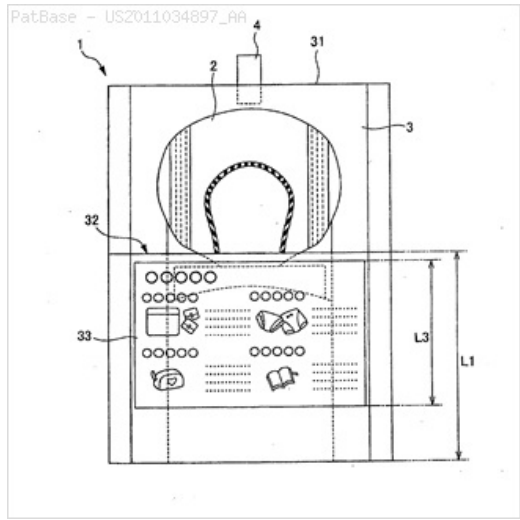


Title: INDIVIDUALLY WRAPPED ABSORBENT ARTICLE INCLUDING WRAPPING SHEET**Priority:** JP20080018494 20080130 WO2008JP72910 20081217

Family:	Publication number	Publication date	Application number	Application date
	AU2008349183 AA	20090806	AU20080349183	20081217
	BRPI0820242 A2	20150908	BR2008PI20242	20081217
	CA2713531 AA	20090806	CA20082713531	20081217
	CN101959482 A	20110126	CN200880127740	20081217
	CO6290619 A2	20110620	CO20100106591	20100830
	EA201070866 A1	20110630	EA20100070866	20081217
	EP2243450 A1	20101027	EP20080871838	20081217
	EP2243450 A4	20130424	EP20080871838	20081217
	IN03006KN2010 A	20101029	IN2010KN03006	20100816
	JP2009178275 A2	20090813	JP20080018494	20080130
	JP5280059 B2	20130904	JP20080018494	20080130
	KR20100102737 A	20100924	KR20107018771	20081217
	MA32093 B1	20110201	MA20100033104	20100823
	MX2010008341 A1	20100818	MX20100008341	20081217
	UA101355 C2	20130325	UA20100100269	20081217
	US2011034897 AA	20110210	US20080865704	20081217
	US8491553 BB	20130723	US20080865704	20081217
	WO09096109 A1	20090806	WO2008JP72910	20081217
	ZA201005901 A	20110428	ZA20100005901	20100818

Probable Assignee: UNI CHARM CORP**Assignee(s):(std):** MORITA HIDEAKI ; NOMOTO TAKASHI ; UDA MASASHI ; UNI CHARM CORP ; UNI CHARM CORPORATION ; UNICHARM CORP**Assignee(s):** UNI CHARM CO LTD**Inventor(s):(std):** UDA TADASHI ; UDA MASASHI ; TAKASHI NOMOTO ; NOMOTO TAKASHI ; MORITA HIDEAKI ; MASASHI UDA ; HIDEAKI MORITA ; NAMOTO TAKASHI**Agent(s):** PHILLIPS ORMONDE FITZPATRICK; MURGATROYD SUSAN ELIZABETH; MORRISON AND FOERSTER LLP; SHIRAHAMA YOSHIHARU 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 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**International class (IPC 8-9):** A61F A61F13/15 A61F13/47 A61F13/472 A61F13/551 A61F13/84 A61F5/44 B65D65/12 B65D65/22 B65D85/07 B65D85/16 (Advanced/Invention); A61F13/551 B65D65/12 B65D65/22 B65D85/16 (Advanced/Non-invention); A61F13/15 A61F5/44 (Core/Invention)**International class (IPC 1-7):** A61F13/15**CPC:** A61F2013/8497 A61F13/5514 A61F13/5513 A61F13/5515 A61F2013/15243**European class:** A61F13/15H2 A61F13/551B A61F13/551B2B A61F13/551B4 K61F13/15J3**US class:** 604/385.02 604/385.020P 604/385.201[Classification Explorer](#)**Cited documents:** WO9952484 A1, WO09096109 A1, WO06068673 A1, WO05065616 A2, US6575947 BA, US6454095 BA, US6186993 BA, US2007073255 AA, US2006137568 AA, US2006135927 AA, US2006025739 AA, US2003065300 AA, JP9220254 A2, JP9058759 A2, JP5035124 U, JP5035124 A2, JP2007521117 T2, JP2006180990 A2, JP2003111798 A2, JP2003104441 A2, JP2003093437 A2, JP0535124 U1, EP1400223 A1, EP1327429 A2,**Forward Citations:** WO17038255, WO15190966, WO14080878, WO13094779, WO12157621, US9943448, US9834355, US9775752, US9308139, US9278035, US8491553, US2016038353, US2014012219, US2013190711, US10086989, US10017309, TWI533852, TWI533851, TWI523645, RU2649256, KR101894119, KR101815724, JP6145483, JP5959145, JP5951186, JP5755938, JP5712192, JP2017047004, JP2014101140, JP2012239654, JP2012196338, JP2012075635, JP2011136099, GB2511263, GB2511263, EP2368533, AU2014396900,**Abstract:**

An individually wrapped absorbent article 1 comprising an absorbent article 2 and a wrapping sheet 3, said absorbent article having a shape being relatively long in the longitudinal direction having a liquid-pervious top-sheet, a liquid-impervious back-sheet and a liquid-retentive absorbent core, on one hand, and said wrapping sheet 3 having a shape being also relatively long in the longitudinal direction arranged to cover the back-sheet of the absorbent article 2, on the other hand, so as to be folded back in the longitudinal direction of the absorbent article 2 by a predetermined fold length dimension L1, respectively, with the top-sheet inside. The wrapping sheet 3 is provided with a first display region 33 having a predetermined length dimension L3 as measured from one end of the wrapping sheet 3 in the longitudinal direction and the length dimension L3 of the first display region 33 is set to be smaller than the fold length dimension L1.



Title:

ABSORPTIVE ARTICLE

Priority:

JP20080051073 20080229 JP20080093283 20080331 JP20090030324 20090212
WO2009JP53714 20090227

Family:

Publication number	Publication date	Application number	Application date
AU2009218085 A	20090903	AU20090218085	20090227
CN102014828 A	20110413	CN200980115541	20090227
EP2255762 A1	20101201	EP20090714745	20090227
IN03617KN2010 A	20111125	IN2010KN03617	20100929
JP2009207557 A2	20090917	JP20080051073	20080229
JP2009261903 A2	20091112	JP20090030324	20090212
JP5232502 B2	20130710	JP20080051073	20080229
JP5566615 B2	20140806	JP20090030324	20090212
KR20100126761 A	20101202	KR20107021328	20090227
TH102473 A	20100630	TH20091000853	20090227
TH52697 B	20161202	TH20091000853	20090227
TW201008558 A	20100301	TW20090106467	20090227
US2011172630 AA	20110714	US20090920035	20090227
WO09107791 A1	20090903	WO2009JP53714	20090227

Probable Assignee:

UNICHARM CORP

Assignee(s):(std):

KAWAMORI RYOTA ; MORITA HIDEAKI ; NOMOTO TAKASHI ; OBA KENJI ; SUZUKI YUICHI ; UDA MASASHI ; UNICHARM CORP ; UNI CHARM CORP ; UNI CHARM LTD

Assignee(s):

UNI CHARM CORPORATIONJP ; UNI CHARM CO LTD

Inventor(s):(std):

KENJI OBA ; MASASHI UDA ; MORITA HIDEAKI ; HIDEAKI MORITA ; KAWAMORI RYOTA ; NOMOTO TAKASHI ; OBA KENJI ; RYOTA KAWAMORI ; SUZUKI YUICHI ; TAKASHI NOMOTO ; UDA MASASHI ; UDA TADASHI ; YUICHI SUZUKI

Inventor(s):

UDA, Masashi ; THE DESIGNATION OF THE INVENTOR HAS NOT YET... ; SUZUKI, Yuichi ; OBA, Kenji ; NOMOTO, Takashi ; KAWAMORI, Ryota ; MORITA HISDEAKI ; MORITA, Hideaki

Agent(s):

PHILLIPS ORMONDE FITZPATRICK; KENSETT JOHN HINTON; MIYOSHI HIDEKAZU; MIYOSHI HIDEKAZU 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 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

International class (IPC 8-9):

A61F13/15 A61F13/472 A61F13/475 A61F13/49 A61F13/53 A61F13/539 A61F13/551
A61F13/84 (Advanced/Invention);
A61F13/472 A61F13/475 A61F13/53 A61F13/551 (Advanced/Non-invention);
A61F13/15 A61F13/551 (Core/Invention);
A61F13/551 (Core/Non-invention)

International class (IPC 1-7):

A61F13/15

CPC:

A61F13/5515 A61F13/5514 A61F13/4756 A61F13/4753 A61F13/551

European class:

A61F13/475A1B A61F13/475A3 A61F13/551 A61F13/551B2B A61F13/551B4

US class:

604/385.13 604/385.130S 604/385.201 604/385.201P

Classification Explorer

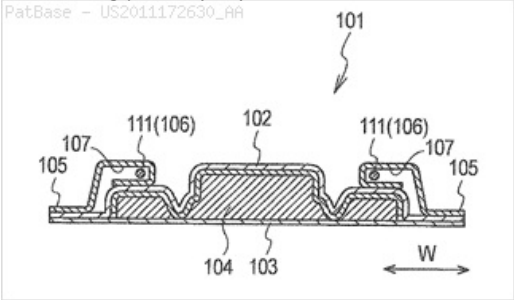
Cited documents:

US6730068 BB, US6447494 BA, US2003028167 AA, JPS63169125 U, JP9084825 A2, JP63169125 U1, JP63169125 U, JP3824452 B2, JP2102223 U1, JP2007202790 A2, JP2007089906 A2, JP2007089906, JP2007082595 A2, JP2005160702 A2, JP2005160702, JP2004181084 A2, JP2003088550 A2, JP2003088550, JP2003038557 A2, JP2003033397 A2, JP2003033397, JP2003024384 A2, JP2003024384, JP2000210329 A2, JP2000210329, JP11070141 A2, JP11070141, JP02102223 U1,

Forward Citations:

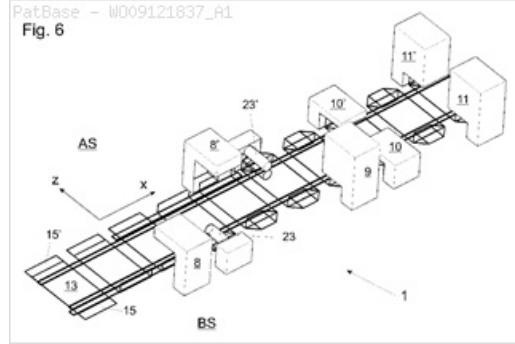
US9987176, US9974699, US9789011, US9789009, US9763835, US9713557, US9713556, US9668926, US9649232, US9532910, US9492328, US9468566, US9394637, US9375358, US9340363, US9326896, US9241845, US9216118, US9216116, US9173784, US9072634, US9066838, US9060904, US8979815, US10071002, US10052242, US10022280, US10004647, JP6062322, JP5697342, JP2014233603, JP2011156304, EP2163229, EP2163229,

Abstract:
A sanitary napkin (101) has a liquid-permeable top sheet (102), a liquid-impermeable back sheet (103), and an absorber (104) mounted between the top sheet (102) and the back sheet (103) and capable of absorbing bodily fluid. The sanitary napkin (101) also has insertion holes (107) provided on opposite sides in the lateral direction (W) of the sanitary napkin (101) so as to extend in the longitudinal direction (L) of the sanitary napkin (101), and long members (106) are inserted through the insides of the insertion holes (107). Each of the insertion holes (107) has an opening (108) located on the front end side (Fr) and also has a fixing portion (112) located on the rear end side (Ba). The long members (106) each have a long portion (111) inserted through the inside of the insertion holes (107) and also have a draw-out portion (109) led out from the openings (108) to the outside of the insertion holes (107). The rear ends of the long portion (111) are fixed to the fixing portion (112).



Title:	DEVICE AND METHOD FOR PRODUCING BAGS																																																																																																
Priority:	DE200810017444 20080403 WO2009EP53742 20090330		DE200810017445 20080403 EP20090728459 20090330		WO2009EP53741 20090330 EP20090727259 20090330																																																																																												
Family:	<table><thead><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr></thead><tbody><tr><td>BRPI0910906 A2</td><td>20150929</td><td>BR2009PI10906</td><td>20090330</td></tr><tr><td>CN101983123 A</td><td>20110302</td><td>CN200980112006</td><td>20090330</td></tr><tr><td>CN101983123 B</td><td>20130605</td><td>CN200980112006</td><td>20090330</td></tr><tr><td>CN101983124 A</td><td>20110302</td><td>CN200980111908</td><td>20090330</td></tr><tr><td>CN101983124 B</td><td>20160817</td><td>CN200980111908</td><td>20090330</td></tr><tr><td>DE102008017444 A1</td><td>20091022</td><td>DE200810017444</td><td>20080403</td></tr><tr><td>DE102008017444 B4</td><td>20110728</td><td>DE200810017444</td><td>20080403</td></tr><tr><td>DE102008017445 A1</td><td>20091015</td><td>DE200810017445</td><td>20080403</td></tr><tr><td>DE502009011748 D1</td><td>20151203</td><td>DE200950011748T</td><td>20090330</td></tr><tr><td>EP2282887 A1</td><td>20110216</td><td>EP20090727259</td><td>20090330</td></tr><tr><td>EP2282887 B1</td><td>20170510</td><td>EP20090727259</td><td>20090330</td></tr><tr><td>EP2288491 A1</td><td>20110302</td><td>EP20090728459</td><td>20090330</td></tr><tr><td>EP2288491 B1</td><td>20151021</td><td>EP20090728459</td><td>20090330</td></tr><tr><td>ES2632741 T3</td><td>20170915</td><td>ES20090727259T</td><td>20090330</td></tr><tr><td>HU035090 T2</td><td>20180502</td><td>HU20090727259T</td><td>20090330</td></tr><tr><td>IN03687KN2010 A</td><td>20101203</td><td>IN2010KN03687</td><td>20101004</td></tr><tr><td>IN03721KN2010 A</td><td>20111125</td><td>IN2010KN03721</td><td>20101006</td></tr><tr><td>JP2011516305 T2</td><td>20110526</td><td>JP20110502363T</td><td>20090330</td></tr><tr><td>JP6150416 B2</td><td>20170621</td><td>JP20110502363T</td><td>20090330</td></tr><tr><td>TR201710587 T4</td><td>20170921</td><td>TR20170010587T</td><td>20090330</td></tr><tr><td>WO09121837 A1</td><td>20091008</td><td>WO2009EP53741</td><td>20090330</td></tr><tr><td>WO09121838 A1</td><td>20091008</td><td>WO2009EP53742</td><td>20090330</td></tr></tbody></table>					Publication number	Publication date	Application number	Application date	BRPI0910906 A2	20150929	BR2009PI10906	20090330	CN101983123 A	20110302	CN200980112006	20090330	CN101983123 B	20130605	CN200980112006	20090330	CN101983124 A	20110302	CN200980111908	20090330	CN101983124 B	20160817	CN200980111908	20090330	DE102008017444 A1	20091022	DE200810017444	20080403	DE102008017444 B4	20110728	DE200810017444	20080403	DE102008017445 A1	20091015	DE200810017445	20080403	DE502009011748 D1	20151203	DE200950011748T	20090330	EP2282887 A1	20110216	EP20090727259	20090330	EP2282887 B1	20170510	EP20090727259	20090330	EP2288491 A1	20110302	EP20090728459	20090330	EP2288491 B1	20151021	EP20090728459	20090330	ES2632741 T3	20170915	ES20090727259T	20090330	HU035090 T2	20180502	HU20090727259T	20090330	IN03687KN2010 A	20101203	IN2010KN03687	20101004	IN03721KN2010 A	20111125	IN2010KN03721	20101006	JP2011516305 T2	20110526	JP20110502363T	20090330	JP6150416 B2	20170621	JP20110502363T	20090330	TR201710587 T4	20170921	TR20170010587T	20090330	WO09121837 A1	20091008	WO2009EP53741	20090330	WO09121838 A1	20091008	WO2009EP53742	20090330
Publication number	Publication date	Application number	Application date																																																																																														
BRPI0910906 A2	20150929	BR2009PI10906	20090330																																																																																														
CN101983123 A	20110302	CN200980112006	20090330																																																																																														
CN101983123 B	20130605	CN200980112006	20090330																																																																																														
CN101983124 A	20110302	CN200980111908	20090330																																																																																														
CN101983124 B	20160817	CN200980111908	20090330																																																																																														
DE102008017444 A1	20091022	DE200810017444	20080403																																																																																														
DE102008017444 B4	20110728	DE200810017444	20080403																																																																																														
DE102008017445 A1	20091015	DE200810017445	20080403																																																																																														
DE502009011748 D1	20151203	DE200950011748T	20090330																																																																																														
EP2282887 A1	20110216	EP20090727259	20090330																																																																																														
EP2282887 B1	20170510	EP20090727259	20090330																																																																																														
EP2288491 A1	20110302	EP20090728459	20090330																																																																																														
EP2288491 B1	20151021	EP20090728459	20090330																																																																																														
ES2632741 T3	20170915	ES20090727259T	20090330																																																																																														
HU035090 T2	20180502	HU20090727259T	20090330																																																																																														
IN03687KN2010 A	20101203	IN2010KN03687	20101004																																																																																														
IN03721KN2010 A	20111125	IN2010KN03721	20101006																																																																																														
JP2011516305 T2	20110526	JP20110502363T	20090330																																																																																														
JP6150416 B2	20170621	JP20110502363T	20090330																																																																																														
TR201710587 T4	20170921	TR20170010587T	20090330																																																																																														
WO09121837 A1	20091008	WO2009EP53741	20090330																																																																																														
WO09121838 A1	20091008	WO2009EP53742	20090330																																																																																														
Probable Assignee:	WINDMOELLER AND HOELSCHER																																																																																																
Assignee(s):(std):	HAEGER CHRISTIAN ; TAUSCH CARSTEN ; WINDMOELLER AND HOELSCHER ; WINDMOELLER AND HOELSCHER KG																																																																																																
Assignee(s):	WINDMOLLER HOLSCHER KG																																																																																																
Inventor(s):(std):	CHRISTIAN HAEGER ; HAEGEN CHRISTIAN ; HAEGER CHRISTIAN ; TAUSCH CARSTEN ; CARSTEN TAUSCH																																																																																																
Inventor(s):	CHRISTIAN HA GER ; CHRISTIAN HAEGEN																																																																																																
Agent(s):	ISERN JORGE; INO SARI; KURASAWA ICHIRO; MATSUSHITA MITSURU; DESHIMARU TAKESHI; KUMAKURA YOSHIO; TUGBA GUENDEMIR																																																																																																
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																																																																																																
International class (IPC 8-9):	B31B1/08 B31B1/74 B31B1/76 B31B29/00 B31B3/02 B31B35/00 B31B50/76 B31B70/00 B31B70/26 B31B70/74 (Advanced/Invention); B31B1/00 B31B1/74 B31B29/00 B31B35/00 (Core/Invention)																																																																																																
International class (IPC 1-7):	B31B1/74																																																																																																
CPC:	B31B50/00 B31B70/006 B31B2150/00 B31B2150/0014 B31B2155/00 B31B2155/003 B31B2160/20 B31B70/003 B31B70/00 B31B2160/10																																																																																																
European class:	B31B23/00 B31B29/00 L31B201/28 L31B201/95 L31B221/20 L31B221/40B L31B237/10 L31B237/60																																																																																																
Classification Explorer																																																																																																	
Cited documents:	US5236408 A, US4169406 A, US3834287 A, US3433135 A, JP9187874, JP8238691 A2, JP6346337, JP62111730 A2, JP60067920 U, JP49014697 B4, JP49014697 B1, JP47036493 Y2, JP39000147 B4, JP39000147 B1, DE698687 A, DE19805321 C1, DE19502251 A1, DE1761466 B2, DE1273315 B, DE1121447 B, DE102006041275 A1 DE102006039564 A1 CN1160632,																																																																																																
Forward Citations:	WO16005375, WO15032485, WO12041738, TWI579552, TWI477424, JP5984864, JP2014163942, EP2965900, EP2769837, EP2711164, DE102010039770, CN107073862, CN106739166, CN105722673, CN104006741, CN104006741, CN103517804, CN103517804, CN103153599, AT515608, AT515608, AT514545, AT514545,																																																																																																

Fig. 6



Title:

PROCESS FOR MANUFACTURING BAGS

Priority:

DE200810053032 20081024

Family:

Publication number	Publication date	Application number	Application date
DE102008053032 A1	20100506	DE200810053032	20081024
EP2179840 A2	20100428	EP20090173704	20091022
EP2179840 A3	20140402	EP20090173704	20091022
US2010120595 AA	20100513	US20090588602	20091021

Probable Assignee:

WINDMOELLER AND HOELSCHER KG

Assignee(s):(std):

LAMKEMEYER ANDREAS ; WINDMOELLER AND HOELSCHER

Assignee(s):

WINDMOELLER AND HOELSCHER KG

Inventor(s):(std):

LAMKEMEYER ANDREAS

Agent(s):

JACOBSON HOLMAN PLLC

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

International class (IPC 8-9):

B05C5/00 B31B1/26 B31B1/62 B31B19/26 B31B19/62 B31B29/00 B31B29/26 B31B29/60 (Advanced/Invention); B05C5/00 B31B1/00 B31B1/60 B31B19/00 B31B29/00 (Core/Invention)

CPC:

B31B70/62 B31B2150/00 B31B2160/20 B31B70/00 B31B2160/10

European class:

B31B19/62 B31B29/00 L31B219/60B L31B221/20

US class:

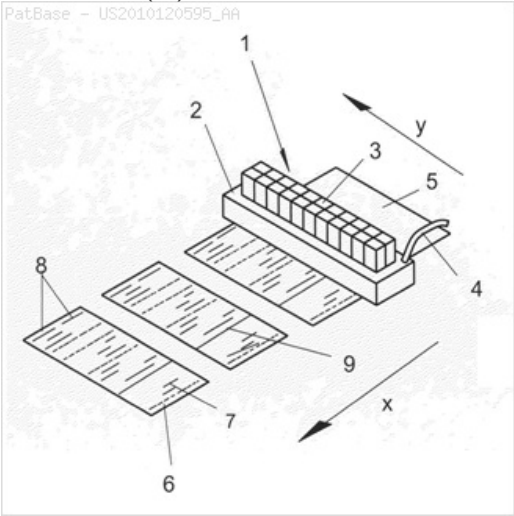
493/243 493/243P

Classification Explorer

Cited documents:

US7832183 BB, US7762449 BB, US7618360 BB, US6955722 BB, US6805660 BA, US6457608 BA, US6342264 BA, US6142923 A, US5876502 A, US5660316 A, US5188695 A, US5048809 A, US5016812 A, US4939678 A, US4874451 A, US4714647 A, US4157149 A, US4095554 A, US4026237 A, US2002020768 AA, EP1648688 B1, DE9014548 U, DE3020043 A1, DE19805321 C1, DE10330751 A1, DE10330750 A1, DE10327646 B4,

Abstract:
The invention describes an apparatus for production of sacks from semi-finished sacks, preferably tube pieces (47), with which sacks of different format can be produced. These are equipped with at least one device for folding of sack bottoms and at least one gluing station for gluing of at least the bottom flaps (31, 32) of the opened bottom square (30, 45) of the sack bottoms, in which glue tracks of different dimensions can be applied with the gluing station at least on the bottom flaps (31, 32). The gluing station is equipped with at least one application head (1), in which at least one application head (1) has a glue application area (37, 38), whose extent is variable in a spatial direction (y), in which at least one of the application heads (1) is again movable relative to the other application heads (1). The maximum application area of at least one application head (1) in the one spatial direction (y) is shorter than the spacing (C) obtained on one side of the bottom center line (35) between the outer edge (31) of the bottom flap of the largest sack format gluable in the gluing station and the center line (35) of the sack.



Title: DEVICE AND A METHOD FOR PROCESSING SEMIFINISHED BAG PRODUCTS, AND GLUING STATION FOR SEMIFINISHED BAG PRODUCTS

Priority: DE200810053280 20081027 EP20080167751 20081028 WO2009EP63842 20091022
EP20090737435 20091022 US20090063842 20091022

Family:

Publication number	Publication date	Application number	Application date
DE102008053280 A1	20100429	DE200810053280	20081027
DE102008053280 B4	20120126	DE200810053280	20081027
DE502009004332 D1	20121004	DE200950004332T	20091022
EP2346676 A1	20110727	EP20090737435	20091022
EP2346676 B1	20120808	EP20090737435	20091022
JP2012506795 T2	20120322	JP20110533683T	20091022
JP5638530 B2	20141210	JP20110533683T	20091022
US2011259516 AA	20111027	US20090126252	20091022
US9545768 BB	20170117	US20090126252	20091022
WO10049335 A1	20100506	WO2009EP63842	20091022

Probable Assignee: WINDMOELLER AND HOELSCHER KG

Assignee(s):(std): DAHER MARCO ; KLANG RALF ; LAMKEMEYER ANDREAS ; RALF KLANG ; WINDMOELLER AND HOELSCHER

Assignee(s): WINDMOELLER AND HOELSCHER KG

Inventor(s):(std): RALF KLANG ; LAMKEMEYER ANDREAS ; KLANG RALF ; DAHER MARCO

Agent(s): WEBER JAN THORSTEN; JACOBSON HOLMAN PLLC

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

International class (IPC 8-9): B05B13/02 B05C1/02 B05C5/00 B31B1/62 B31B19/62 B31B29/00 B31B29/26 B31B29/60 B32B38/18 B32B41/00 (Advanced/Invention); B05C1/02 B31B19/00 B31B29/00 (Core/Invention)

CPC: B05B13/0221 Y10T156/1702 B31B70/62 B31B2150/00 B31B2150/0014 B31B2160/20 B31B70/60 B05C1/027 B31B70/00 B31B2160/10

European class: B05B13/02B B05C1/02F B31B19/62 B31B29/00 B31B29/60 L31B219/60 L31B219/60B L31B221/20 L31B221/40B

US class: 156/290 156/539 156/539S

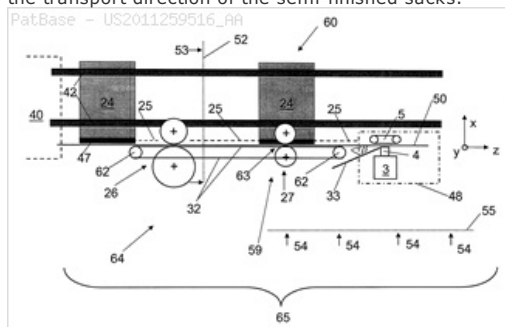
[Classification Explorer](#)

Cited documents: WO09068572 A1, WO05002837 A1, WO04048003 A1, US7618360 BB, US5558612 A, US3448666 A, US2010304032 AA, US2006048899 AA, JP5345374 A2, JP37014145 B4, JP37014145 B1, JP3133719 A2, JP2006507922 T2, JP2002301780 A2, GB2331150 A1, EP1648688 B1, EP1648688 A1, DE9014548 U, DE8133360 U, DE37448 A, DE3020043 A1, DE1461881 A1, DE10309893 A1, DE102007057820 A1

Forward Citations: DD37448 Z, WO15149091, CN106457732,

Abstract:

The invention relates to an apparatus and a method for the further processing of semi-finished sacks and a gluing station for semi-finished sacks. The invention has shown that particularly semi-finished sacks having more complicated shapes-such as tubular pieces comprising open bottom squares and in this case particularly tubular pieces comprising open bottom squares and valve patches inserted therein-tend to be subjected to a partial gluing process or even suffer damages during the process of glue application in the nozzle clearance. This problem is solved in that at least one feed element is provided, which is disposed upstream of the glue-application gap in the transport direction of the semi-finished sacks, and which together with the guide element defines a feed region of the semi-finished sacks to the application head, through which feed region, at least components of the semi-finished sacks can be guided, and which feed region tapers in the transport direction of the semi-finished sacks.



Title:

METHOD AND DEVICE FOR FURTHER PROCESSING SEMI-FINISHED BAG PRODUCTS

Priority:

DE200810053033 20081024 WO2009EP63841 20091022

Family:

	Publication number	Publication date	Application number	Application date
	DE102008053033 A1	20100429	DE200810053033	20081024
	EP2344328 A1	20110720	EP20090744665	20091022
	EP2344328 B1	20170412	EP20090744665	20091022
	WO10046416 A1	20100429	WO2009EP63841	20091022

Probable Assignee:

WINDMOELLER AND HOELSCHER

Assignee(s):(std):

DAHER MARCO ; KLANG RALF ; LAMKEMEYER ANDREAS ; WINDMOELLER AND HOELSCHER ; WINDMOELLER AND HOELSCHER KG

Inventor(s):(std):

DAHER MARCO ; KLANG RALF ; LAMKEMEYER ANDREAS

Agent(s):

WEBER JAN THORSTEN

Designated states:

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

International class

(IPC 8-9):

B05C11/00 B31B1/62 B31B150/20 B31B160/20 B31B19/00 B31B19/62 B31B29/00 B31B29/60 B31B70/62 (Advanced/Invention); B31B150/20 B31B160/20 (Advanced/Non-invention); B31B19/00 B31B29/00 (Core/Invention)

CPC:

B31B70/00 B31B70/006 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/20

European class:

B31B19/62 B31B19/74 B31B21/00 B31B29/00 L31B219/60B L31B219/95 L31B221/10 L31B221/20

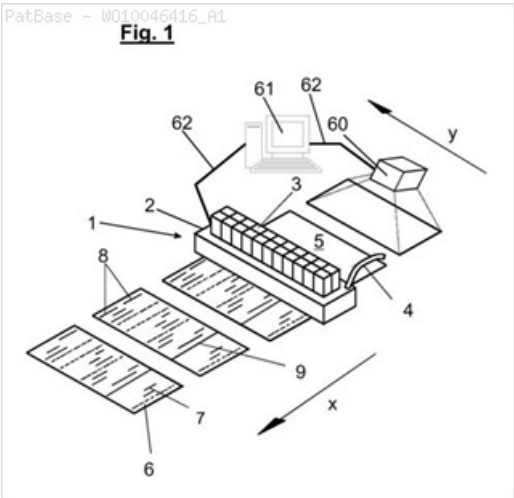
Classification Explorer

Cited documents:

WO04033193 A1, GB2297616 A1, EP1648688 B1, DE9014548 U1, DE3020043 A1, DE19805321 C1, DE10330751 A1, DE10242732 A1, DE102005046660 A1

Abstract:

The invention relates to a device and to a method for further processing semi-finished bag products (5, 64), wherein a sensor device (60) is installed which records data concerning at least one subset of the semi-finished bag products that are glued or to be glued, the data determined upon recording are transferred to a control device (61), and the control device (61) issues control commands based on the data.



Title: PLASTIC BAG MAKING APPARATUS
Priority: JP20100024002 20100205 CA20112730792 20110202 EP20110075021 20110204
Family:

Publication number	Publication date	Application number	Application date
AU2011200485 AA	20110825	AU20110200485	20110204
AU2011200485 BB	20120712	AU20110200485	20110204
CA2730792 AA	20110805	CA20112730792	20110202
CA2730792 C	20121218	CA20112730792	20110202
CN102229258 A	20111102	CN201110090215	20110131
CN102229258 B	20130313	CN201110090215	20110131
DE602011000067 D1	20120816	DE201160000067T	20110204
DK2353855 T3	20120917	DK20110075021T	20110204
EP2353855 A1	20110810	EP20110075021	20110204
EP2353855 B1	20120620	EP20110075021	20110204
IN00155KO2011 A	20111216	IN2011KO00155	20110203
IN295942 B	20180427	IN2011KO00155	20110203
JP2011161665 A2	20110825	JP20100024002	20100205
JP4499832 B1	20100707	JP20100024002	20100205
RU2011103937 A	20120810	RU20110103937	20110203
RU2462360 C1	20120927	RU20110103937	20110203
US2012035035 AA	20120209	US20110019608	20110202
US8777826 BB	20140715	US20110019608	20110202

Probable Assignee: TOTANI CORP
Assignee(s):(std): TOTANI CORP ; TOTANI GIKEN KOGYO CO LTD ; TOTANI MIKIO
Assignee(s): TOTANI KORPOREJSHN
Inventor(s):(std): MIKIO TOTANI ; TOTANI MIKIO
Inventor(s): TOTANI MIKIO TOTANI CORPORATION ; TOTANI MIKIO TOTANI KYOTO SHI CORP
Agent(s): GRIFFITH HACK; G RONALD BELL AND ASSOCIATES; PFENNING MEINIG AND PARTNER MBB
PATENTANWAELTE; PFENNING MEINIG AND PARTNER GBR; KIRSCHTEIN ET AL
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
International class
(IPC 8-9): B29D7/00 B31B1/00 B31B1/02 B31B1/08 B31B1/14 B31B1/16 B31B1/20 B31B1/26 B31B1/62 B31B1/64
B31B1/90 B31B19/00 B31B29/00 B31B29/02 B31B29/14 B31B29/26 B31B29/60 B31B29/74 B31B37/00
B31B37/14 B31B37/26 B31B37/60 B31B37/74 B31B39/00 B65D30/00 B65D30/16
B65D75/58 (Advanced/Invention);
B31B37/00 (Core/Invention)
CPC: B31B37/00 B31B70/00 B31B2150/00 B31B2150/0014 B31B2150/003 B31B2155/00 B31B2155/002
B31B2160/106 B31B2160/20 B31B2160/10
European class: B31B37/00 L31B221/10C L31B221/20 L31B221/40B L31B221/60 L31B237/20 L31B237/50
US class: 493/193 493/193P 493/196 493/201 493/210 493/210S 493/213 493/223 493/223S 493/231 493/235
493/239 493/243 493/246 493/379

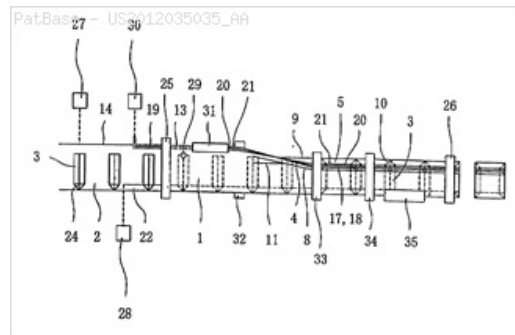
[Classification Explorer](#)

Cited documents: WO04009341 A1, WO04007307 A1, US7497624 BB, US7331917 BB, US7156556 BB, US6796932 BB,
US6740020 BB, US6425847 BA, US5788378 A, US4696050 A, US4055109 A, US3380646 A,
US2011039676 AA, US2011015052 AA, US2004258332 AA, JP4108846 B2, JP4108846 A2, JP3655627
B2, JP2005305669 A2, JP2000254984 A2, JP2000153849 A2, EP2279857 A1, EP2277790 A1, DE1234003
B, CN1671543 A,

Forward Citations: WO17028406, WO16152925, US2016229146, RU2656087, JP5965509, JP2016179602, CN107428110,
CN106364780, CN105745068, CN105666938, CN104837617, CN104275827, CN102582121,
CN102582121,

Abstract:

Plastic bags are made by feeding webs joined at a joint line, and by supplying a side gusset sheet between the webs. The webs are temporarily fixed to two side gusset layers. One web is folded along a first folded line spaced from the joint line to open the webs and form an open surface. One side gusset layer is folded along the first folded line to open the side gusset layers along with an auxiliary gusset portion and form an open surface on layers of the auxiliary gusset portion. One web is turned along a turned line formed between the joint line and the first folded line to make a turned portion superposed on the open surfaces. The other web is folded along a second folded line spaced from the joint line to make a folded portion superposed on the open surfaces.



Title: DEVICE FOR PRODUCING BAGS FROM HOSE-SHAPED MATERIAL
Priority: DE200910000454 20090128 EP20100700856 20100114 WO2010EP50396 20100114
Family:

Publication number	Publication date	Application number	Application date
BRP11007454 A2	20160216	BR2010PI07454	20100114
CN102300702 A	20111228	CN201080006286	20100114
CN102300702 B	20130925	CN201080006286	20100114
DE102009000454 A1	20100729	DE200910000454	20090128
DE502010010932 D1	20160225	DE201050010932T	20100114
EP2391502 A1	20111207	EP20100700856	20100114
EP2391502 B1	20160113	EP20100700856	20100114
ES2562978 T3	20160309	ES20100700856T	20100114
HU028631 T2	20161228	HU20100700856T	20100114
IN03155KN2011 A	20120224	IN2011KN03155	20110725
TR201604431 T4	20160421	TR20160004431T	20100114
US2012108409 AA	20120503	US20100146501	20100114
US9409370 BB	20160809	US20100146501	20100114
WO10086232 A1	20100805	WO2010EP50396	20100114

Probable Assignee: WINDMOELLER AND HOELSCHER KG
Assignee(s):(std): KOEHN UWE ; MUELLER MANFRED ; TAUTZ MANFRED ; WINDMOELLER AND HOELSCHER ; WINDMOELLER AND HOELSCHER KG
Assignee(s): WINDMOELLER HOELSCHER KG
Inventor(s):(std): KOEHN UWE ; MUELLER MANFRED ; TAUTZ MANFRED
Inventor(s): UWE KOEHN ; MANFRED MUELLER ; MANFRED TAUTZ
Agent(s): SCHNEIDER BERND ; CARPINTERO MARIO ; TOLGA CAYLAK ; JACOBSON HOLMAN PLLC
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): B31B1/00 B31B1/02 B31B19/10 B31B29/00 B31B29/02 B31B31/00 B31B37/00 (Advanced/Invention); B31B19/00 B31B29/00 B31B37/00 (Core/Invention)
CPC: B31B70/10 B31B2150/00 B31B2155/00 B31B2155/003 B31B2160/20 B31B2160/10 B31B70/00
European class: B31B19/10 B31B29/00 B31B37/00 L31B219/02A L31B221/20 L31B237/20 L31B237/60
US class: 1/1 493/186 493/186S 493/267 493/267P

[Classification Explorer](#)

Cited documents: US8597167 BB, US7302787 BB, US6892635 BB, US6328683 BA, US5857954 A, US5782731 A, US4645339 A, US4582506 A, US4240336 A, US4137528 A, US3916769 A, US3871270 A, US3656513 A, US3618477 A, US3599538 A, US3583296 A, US3524389 A, US3433135 A, US3373664 A, US2753769 A, US2008274867 AA, DE2921605 A1, DE19502251 C2, DE19502251 A1,

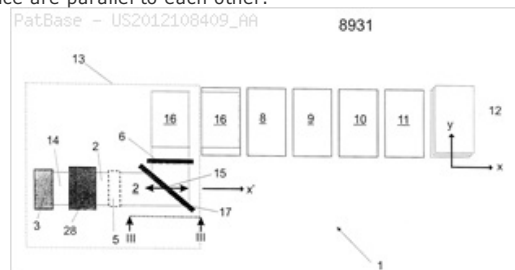
DE102006041275 A1

CH425434 A,

Forward Citations: WO16189541, WO15149090, WO15010145, WO13113564, CN106414060, CN105555493, CN105383094, AT515608, AT515608,

Abstract:

The invention describes an apparatus (1) for producing bags from tubular material (2) comprising fabric made of stretched plastic strips, which apparatus comprises: at least one tube-forming device (13) or a tube-unwinding device (3), by means of which tubular material (2) for producing bags (12) can be produced from web-shaped material (14) and in which the tubular material (2) can be conveyed in a transport direction (x'), and at least one tube-separating device (6), by means of which (6) tube pieces (16) can be separated from the tubular material (2), and a bottom-forming device (8, 9, 10, 11), by means of which (8, 9, 10, 11) bottoms can be molded onto at least one end of a tube piece (16), at least one transport device for transporting the tube pieces (16) within the bottom-forming device (8, 9, 10, 11) in a transport direction (x) extending transversely to their direction of extension (y). The transport direction (x') of the tubular material (2) in the tube-forming device (13) or the tube-unwinding device (3) and the transport direction (x) of the tube pieces in the transport device are parallel to each other.



Title: WRAPPED ABSORBENT ARTICLE
Priority: JP20090118102 20090514 WO2010JP58114 20100513
Family:

Publication number	Publication date	Application number	Application date
AR076574 AA	20110622	AR2010P101645	20100512
AU2010248435 AA	20101118	AU20100248435	20100513
AU2010248435 BB	20151029	AU20100248435	20100513
CN102421401 A	20120418	CN201080021363	20100513
CN102421401 B	20150520	CN201080021363	20100513
EA201101617 A1	20120629	EA20110001617	20100513
EP2431012 A1	20120321	EP20100774968	20100513
EP2431012 A4	20130109	EP20100774968	20100513
IN04747KN2011 A	20120810	IN2011KN04747	20111117
JP2010264078 A2	20101125	JP20090118102	20090514
JP5443051 B2	20140319	JP20090118102	20090514
KR101730193 B1	20170511	KR20117029269	20100513
KR20120023762 A	20120313	KR20117029269	20100513
TH114937 A	20120718	TH20111003098	20100513
TW201043204 A	20101216	TW20100115463	20100514
TWI500414 B	20150921	TW20100115463	20100514
US2012123378 AA	20120517	US20100320353	20100513
WO10131711 A1	20101118	WO2010JP58114	20100513
ZA201108480 A	20120725	ZA20110008480	20111118

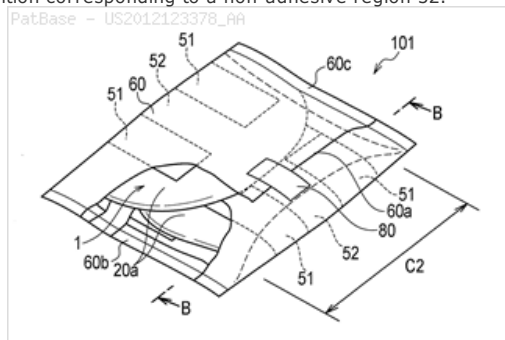
Probable Assignee: UNI CHARM CORP
Assignee(s):(std): KASHIWAGI MASAHIRO ; KATO NOBUYUKI ; NAKAYAMA NAHOMI ; TAMURA TATSUYA ; UNICHARM CORP ; UNI CHARM CORP ; UNI CHARM LTD
Assignee(s): UNI CHARM CO LTD
Inventor(s):(std): KASHIWAGI MASAHIRO ; KATO NOBUYUKI ; MASAHIRO KASHIWAGI ; NAHOMI NAKAYAMA ; NAKAYAMA NAHOMI ; TAMURA TATSUYA ; NOBUYUKI KATO ; TATSUYA TAMURA
Agent(s): PHILLIPS ORMONDE FITZPATRICK; PETER JULIAN; MIYOSHI HIDEKAZU 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 KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): A61F A61F13/15 A61F13/472 A61F13/551 A61F13/84 B65D B65D75/20 (Advanced/Invention); A61F13/15 A61F13/551 (Core/Non-invention); A61F B65D (Subclass/Invention)
International class (IPC 1-7): A61F13/15 A61F13/472
CPC: B65D75/20 A61F13/5514 A61F13/5513 A61F13/55135 Y10S206/812
European class: A61F13/551B2B B65D75/20
US class: 604/385.02 604/385.020P

[Classification Explorer](#)

Cited documents: US6489533, US2003163109 AA, US2003163109, KR20030066388, JP8324635 A2, JP4034828 Y2, JP200854790, JP2008054790 A2, JP2008054790, JP2005518251 T2, JP2003093437 A2, JP2000079963 A2, JP11047187 A2, EP1118316 A2, CN1625377 A, CN1306810 A,
Forward Citations: TWI571249, JP6396057, JP6310252, JP2015188737, JP2015123164,

Abstract:

While a protection sheet 60 is disposed on a non-skin-surface 20a of an absorbent article 1, part of the protection sheet 60 is folded back in such a manner as to reach a position where the part overlaps other part, which comes in contact with the non-skin surface 20a of the absorbent article 1. An end portion 60a of the protection sheet 60 is bonded, while being folded back, to the protection sheet 60 by means of an adhesive material 70. Edge portions 60b and 60c on both sides of the protection sheet 60 in a longitudinal direction of the protection sheet 60 are bonded together through thermal fusion bonding while being folded. A second adhesive region 71 coated with the adhesive material 70 is formed in a predetermined position which faces the non-skin-surface 20a of a backsheet 20. The second adhesive region 71 is formed at a position corresponding to a non-adhesive region 52.

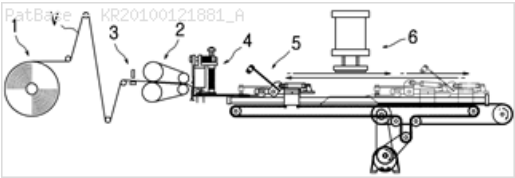


Title: VINYL CUTTING EQUIPMENT OF VINYL BAG MANUFACTURING MACHINE
Priority: KR20090040793 20090511
Family:

	Publication number	Publication date	Application number	Application date
	KR101097785 B1	20111222	KR20090040793	20090511
	KR20100121881 A	20101119	KR20090040793	20090511

Probable Assignee: TAEJIN MACHINERY CO LTD
Assignee(s):(std): TAEJIN MACHINERY CO LTD
Assignee(s): TAEJIN MACHINERY CO
Inventor(s):(std): LEE KWANG CHUN
International class (IPC 8-9): B31B21/14 B31B21/60 B31B23/14 B31B23/60 (Advanced/Invention)
CPC: B31B70/00 B31B2150/00 B31B2155/00 B31B2160/10 B31B70/14
[Classification Explorer](#)
Cited documents: KR20000002970, JP57098344, JP57059619 U1, JP57029317 U1,

Abstract:
PURPOSE: A vinyl cutting apparatus for a vinyl bag manufacturing machine is provided to prevent a sealing part from sticking to a cutting saw blade by cutting a vinyl bag along a cutting line simultaneously with pulling the vinyl bag just after the vinyl bag is sealed. CONSTITUTION: A vinyl cutting apparatus(130) for a vinyl bag manufacturing machine comprises a pair of cutting units(131) and a power transmission unit(136). The cutting unit is installed on a circulating cut cycle and cuts a vinyl resin along a cutting line with pulling the vinyl resin. The power transmission unit transfers the power of the driving unit to the cutting unit. The cutting unit comprises first and second wheels(132a,132b), an interoperating unit(133), and first and second cutters(134,135). The first and second wheels are positioned on the upper part and lower part of the vinyl resin, respectively. The interlocking body connects the first and second wheels.



Title: INDIVIDUALLY PACKAGED ABSORBENT ARTICLE ASSEMBLY

Priority: US20090512135 20090730 US20090512147 20090730 US20090512922 20090730
 US20090607108 20091028 US20090607113 20091028 AU20100202749 20100630
 CA20102710634 20100719 CA20102710344 20100719 AU20100235858 20101015
 AU20100235860 20101015 CA20102719043 20101026 CA20102719154 20101026
 KR20100105422 20101027 KR20100105424 20101027 US20130755334 20130131
 US20130781972 20130301 US20130781952 20130301 US20130781960 20130301
 AU20150202254 20150430 AU20150202259 20150430 AU20160204896 20160713

Family:

Publication number	Publication date	Application number	Application date
AR077339 AA	20110817	AR2010P102750	20100729
AR077780 AA	20110921	AR2010P102749	20100729
AR078801 AA	20111207	AR2010P103958	20101028
AR078802 AA	20111207	AR2010P103959	20101028
AU2010202749 AA	20110217	AU20100202749	20100630
AU2010202749 BB	20150611	AU20100202749	20100630
AU2010202757 AA	20110217	AU20100202757	20100630
AU2010202757 BB	20160225	AU20100202757	20100630
AU2010235858 AA	20110512	AU20100235858	20101015
AU2010235860 AA	20110512	AU20100235860	20101015
AU2010235860 BB	20150611	AU20100235860	20101015
AU2015202254 AA	20150521	AU20150202254	20150430
AU2015202254 BB	20160908	AU20150202254	20150430
AU2015202259 AA	20150521	AU20150202259	20150430
AU2015202259 BB	20170810	AU20150202259	20150430
AU2016204896 AA	20160804	AU20160204896	20160713
BRPI1002644 A2	20120327	BR2010PI02644	20100729
BRPI1002711 A2	20120403	BR2010PI02711	20100729
BRPI1003812 A2	20130219	BR2010PI03812	20101028
BRPI1004091 A2	20130219	BR2010PI04091	20101028
CA2710344 AA	20110130	CA20102710344	20100719
CA2710344 C	20170829	CA20102710344	20100719
CA2710634 AA	20110130	CA20102710634	20100719
CA2719043 AA	20110428	CA20102719043	20101026
CA2719154 AA	20110428	CA20102719154	20101026
CN101987056 A	20110323	CN201010244922	20100729
CN101987056 B	20160127	CN201010244922	20100729
CN101987057 A	20110323	CN201010245342	20100728
CN101987057 B	20160127	CN201010245342	20100728
CN102048615 A	20110511	CN201010536208	20101028
CN102048615 B	20140903	CN201010536208	20101028
CN102068347 A	20110525	CN201010536218	20101028
CN102068347 B	20160302	CN201010536218	20101028
CO6360209 A1	20120120	CO20100086410	20100715
CO6360210 A1	20120120	CO20100087100	20100716
CO6430046 A1	20120430	CO20100133390	20101027
CO6430047 A1	20120430	CO20100133387	20101027
EP2279717 A2	20110202	EP20100251362	20100730
EP2279717 A3	20130403	EP20100251362	20100730
EP2289475 A2	20110302	EP20100251356	20100730
EP2289475 A3	20110323	EP20100251356	20100730
EP2316397 A1	20110504	EP20100251858	20101027
EP2316398 A1	20110504	EP20100251859	20101027
IN00733KO2010 A	20111230	IN2010KO00733	20100706
IN00734KO2010 A	20111230	IN2010KO00734	20100706
IN01127KO2010 A	20111223	IN2010KO01127	20101007
IN01128KO2010 A	20111223	IN2010KO01128	20101007
KR20110013259 A	20110209	KR20100071964	20100726
KR20110013278 A	20110209	KR20100072797	20100728
KR20110046362 A	20110504	KR20100105422	20101027
KR20110046363 A	20110504	KR20100105424	20101027
MX2010008338 A1	20110131	MX20100008338	20100729
MX2010008339 A1	20110131	MX20100008339	20100729
MX2010011854 A1	20110504	MX20100011854	20101028
MX2010011855 A1	20110427	MX20100011855	20101028
PH2010000204 A	20160404	PH20100000204	20100709
PH2010000204 B	20160404	PH20100000204	20100709
PH2010000314 A	20120528	PH20100000314	20101004
PH2010000324 A	20120528	PH20100000324	20101014
RU2010132135 A	20120210	RU20100132135	20100729
RU2010132136 A	20120210	RU20100132136	20100729
RU2010144062 A	20120510	RU20100144062	20101027
RU2010144063 A	20120510	RU20100144063	20101027
RU2527180 C2	20140827	RU20100132135	20100729
RU2527181 C2	20140827	RU20100132136	20100729
RU2546481 C2	20150410	RU20100144062	20101027
RU2546482 C2	20150410	RU20100144063	20101027
US2011028931 AA	20110203	US20090512135	20090730
US2011028932 AA	20110203	US20090607108	20091028

US2011028933 AA	20110203	US20090607113	20091028
US2011028935 AA	20110203	US20090512147	20090730
US2013144242 AA	20130606	US20130755334	20130131
US2013178816 AA	20130711	US20130781972	20130301
US2013178817 AA	20130711	US20130781952	20130301
US2013178818 AA	20130711	US20130781960	20130301
US8388591 BB	20130305	US20090512135	20090730
US8460260 BB	20130611	US20090607108	20091028
US8545470 BB	20131001	US20090607113	20091028
US8568378 BB	20131029	US20090512147	20090730
US8932272 BB	20150113	US20130755334	20130131
US9011399 BB	20150421	US20130781952	20130301
US9011400 BB	20150421	US20130781972	20130301
US9211219 BB	20151215	US20130781960	20130301
ZA201005440 A	20120725	ZA20100005440	20100729
ZA201005441 A	20120725	ZA20100005441	20100729
ZA201007691 A	20120926	ZA20100007691	20101027
ZA201007692 A	20120926	ZA20100007692	20101027

Probable Assignee: JOHNSON AND JOHNSON CONSUMER INC

Assignee(s):(std): FUNG PAUL Y ; JOHNSON AND JOHNSON CONSUMER INC ; MAKNEJL PPS INK ; MCNEIL PPC INC ; SERBIAK PAUL J ; MC NEIL PPC INC

Assignee(s): MCNEILL PPC INC ; MCNEIL PPC ; MC NEIL PPC

Inventor(s):(std): PAUL Y FUNG ; SERBIAK PAUL J ; SERBIAK PAUL JOHN ; SERBIAK POL DZH ; PAUL SERBIAK ; PAUL FUNG ; FUNG PAUL ; FANG POL J ; FUNG PAUL Y

Inventor(s): PAUL J SERBIAK

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR; SILVANA MARIA LOPEZ DIAZ; CARPMAELS AND RANSFORD; KIRSCH SUSAN EDITH; MESSRS ROMULO MABANTA BUENAVENTURA SAYOC AND DELOS ANGELES; ROMULO AND ASSOCIATES; PHILIP S JOHNSON JOHNSON AND JOHNSON

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

International class (IPC 8-9): A61F A61F13/00 A61F13/15 A61F13/20 A61F13/472 A61F13/476 A61F13/551 A61F13/56 A61F13/58 A61F13/60 A61F13/84 A61F5/56 A61L B65B11/48 B65B11/50 B65B25/14 B65B43/26 B65B5/04 B65B63/04 B65B69/00 B65D B65D65/02 B65D65/06 B65D65/38 B65D75/30 B65D75/58 B65D83/00 B65D85/00 B65D85/07 B65D85/16 (Advanced/Invention); A61B17/06 A61B19/02 A61F13/00 A61F13/45 A61F13/47 A61F13/476 A61F13/551 A61F13/56 A61F13/84 A61F15/00 A61L15/00 B65B11/00 B65B43/00 B65B49/00 B65B61/00 B65B63/04 B65D73/00 B67B7/00 (Advanced/Non-invention); A61F A61L B65D (Subclass/Invention)

International class (IPC 1-7): A61F13/15 A61F13/476 A61F13/551 A61F13/84

CPC: B65B5/045 B65B69/00 A61F13/5514 A61F13/55105 A61F13/5511 A61F13/5513 A61F13/55135 A61F13/5516 A61F13/55165 A61F2013/5666 A61F13/551 A61F13/476 A61F13/58 A61F13/60 B65D65/406 A61F13/47272 A61F13/5323 A61F13/55115 A61F13/82 A61L15/58 B65D65/12 B65D85/07

European class: A61F13/551B2B K61F13/551

US class: 1/1 206/436 206/438 206/440 206/494 53/401 53/429 53/461 53/473 53/492 53/492S 604/385.01 604/385.02 604/385.020P 604/385.03 604/385.04 604/385.05 604/385.19 604/385.201 604/387 604/387P

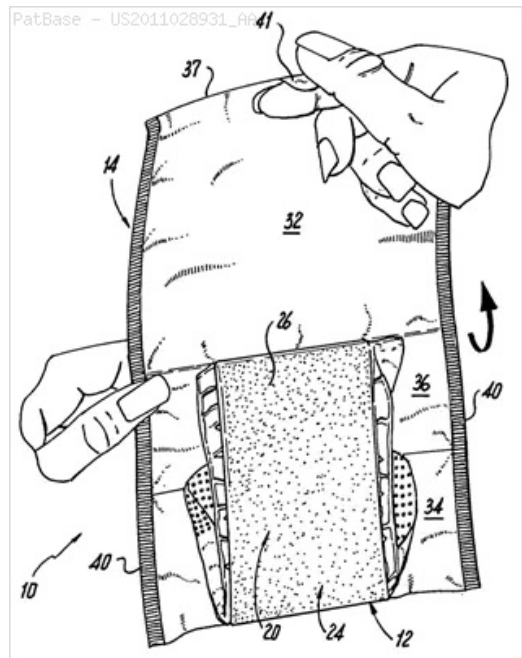
[Classification Explorer](#)

Cited documents: WO9932059 A1, WO05065605 A1, WO04069684 A1, US9011399 BB, US8932272 BB, US8568378 BB, US8545470 BB, US8460260 BB, US8388591 BB, US7908824 BB, US7427277 BB, US7041091 BB, US6896668 BB, US6805691 BB, US6575947 BA, US6497692 BA, US6375645 BA, US6312418 BA, US6312417 BA, US6293932 BA, US6186993 BA, US6079562 A, US6074376 A, US6063065 A, US6036679 A, US5993430 A, US5945145 A, US5868727 A, US5769837 A, US5748336 A, US5683377 A, US5533962 A, US5478336 A, US5181610 A, US5088993 A, US5054619 A, US5037418 A, US4846824 A, US4689044 A, US4608047 A, US3973567 A, US3674195 A, US3062371 A, US2723936 A, US2013178818 AA, US2013178817 AA, US2013178816 AA, US2013144242 AA, US2011028935 AA, US2011028933 AA, US2009105680 AA, US2006149201 AA, US2005251101 AA, US2005148979 AA, US2005029144 AA, US2004186450 AA, US2003130642 AA, US2002183708 AA, US2001056270 AA, RU2192232, EP1157680 A1, CN201235031 Y, CN1331962 A, CN1238292 A, CN1212822 C,

Forward Citations: WO14200201, WO13114839, US9943448, US9834355, US9821940, US9545344, US9308139, US9278035, US9211219, US9132049, US9011400, US9011399, US8932272, US8388591, US2016228309, US2016045380, US2014012219, US2013190711, US2013178818, US2013178817, US2013178816, US2013144242, US2013060221, US2011028931, US10086989, US10076453, US10017309, KR101847304, JP6115861, JP2016150233, JP2014193206,

Abstract:

An individually packaged absorbent article assembly including a tri-folded absorbent article having two end portions and an intermediate portion, and a pouch containing the tri-folded absorbent article, the pouch be structured and arranged to enable a user to selectively open the pouch to thereby expose a garment-facing surface of the intermediate portion of the absorbent article prior to exposing a garment facing surface of either of the end portions of the absorbent article.



Title:

EASY OPEN AND RECLOSABLE PACKAGE WITH DISCRETE LAMINATE WITH DIE-CUT

Priority:

US20090274291P 20090814 US20100844097 20100727 EP20100742636 20100729
WO2010US43618 20100729

Family:

Publication number	Publication date	Application number	Application date
AU2010282811 AA	20110217	AU20100282811	20100729
AU2010282811 BB	20150312	AU20100282811	20100729
BR112012003256 A2	20160301	BR20121103256	20100729
CN102548860 A	20120704	CN201080046400	20100729
CN102548860 B	20140416	CN201080046400	20100729
DE602010006440 D1	20130613	DE201060006440T	20100729
EP2464575 A2	20120620	EP20100742636	20100729
EP2464575 B1	20130417	EP20100742636	20100729
JP2013501688 T2	20130117	JP20120524728T	20100729
JP5466761 B2	20140409	JP20120524728T	20100729
KR101712998 B1	20170307	KR20127006603	20100729
KR20120090970 A	20120817	KR20127006603	20100729
MX2012001883 A1	20120411	MX20120001883	20100729
NZ597936 A	20140328	NZ20100597936	20100729
RU2012108934 A	20130920	RU20120108934	20100729
RU2517808 C2	20140527	RU20120108934	20100729
US2011038571 AA	20110217	US20100844097	20100727
US9221591 BB	20151229	US20100844097	20100727
WO11019511 A2	20110217	WO2010US43618	20100729
WO11019511 A3	20110519	WO2010US43618	20100729

Probable Assignee:

CRYOVAC INC

Assignee(s):(std):

CRYOVAC INC ; MOEHLENBROCK ANDREW W

Assignee(s):

CRYOVAC INC DUNCAN

Inventor(s):(std):

MOEHLENBROCK ANDREW W ; MOEHLENBROK EHNDRJU V

Inventor(s):

ANDREW W MOEHLENBROCK ; MOEHLENBROCK ANDREW W SIMPSONVILLE

Agent(s):

DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; UEXKUELL AND STOLBERG; KAWAGUTI AND PARTNERS; MARK B QUATT CRYOVAC INC; RUPERT B; QUATT MARK B ET AL

Designated states:

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

International class
(IPC 8-9):

B31B1/26 B31B1/90 B31B19/14 B31B19/90 B31B23/00 B65B61/02 B65B61/18 B65B9/02 B65B9/06 B65B9/067 B65B9/08 B65B9/20 B65B9/213 B65D33/00 B65D33/16 B65D33/18 B65D33/20 B65D65/26 B65D65/28 B65D65/30 B65D75/58 B65D75/60 B65D77/20 (Advanced/Invention)

CPC:

B65D75/58 B65D75/5827 B65D75/5855 B65B9/067 B65B9/20 B65B9/213 B65B61/188 B65D75/5833 B65D75/5844 B65D77/2028 B65D77/2096 B65D2575/586 B65D33/20 B65B9/08 B65D33/1691 B31B70/00 B31B70/14 B31B70/8123 B31B2155/00 B31B2155/001 B31B2155/0014 B31B2160/10

European class:

B31B23/00 B65B61/18E B65B9/067 B65B9/20 B65B9/213 B65D75/58E1 B65D75/58E1B B65D75/58F B65D77/20E1 B65D77/20E2D L31B219/14 L31B219/90B3 L31B237/10 L31B237/40 L31B237/40B L65D575/58R

US class:

1/1 383/211 383/211P 493/214 493/214S 493/231 493/231S

Classification Explorer

Cited documents:

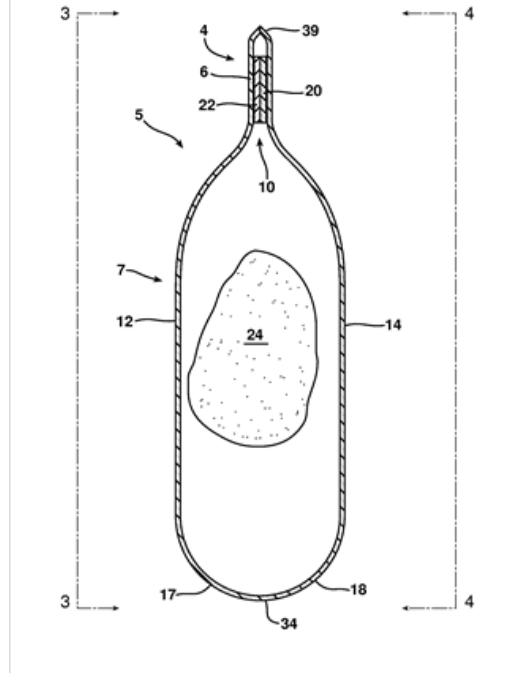
WO9640504 A1, WO08030924 A2, WO08022308 A2, WO07073895 A1, WO02066341 A1, USD597857 S1, USD447054 S1, US7681732 BB, US7527839 BB, US7422782 BB, US7395642 BB, US7322473 BB, US7314312 BB, US7305805 BB, US7217033 BB, US7216764 BB, US7073309 BB, US7055683 BB, US7041042 BB, US7007423 BB, US6925779 BB, US6865860 BB, US6793077 BA, US6662843 BA, US6659645 BA, US6659645, US6589622 BA, US6476137 BA, US6461044 BA, US6395321 BA, US6293073 BA, US6106153 A, US6056141 A, US6048100 A, US5997968 A, US5882789 A, US5882749 A, US5855435 A, US5836697 A, US5601368 A, US5564834 A, US5547752 A, US5476323 A, US5346301 A, US5167455 A, US5128414 A, US5044776 A, US5044772 A, US5023121 A, US4946038 A, US4944409 A, US4937139 A, US4934535 A, US4934535, US4916190 A, US4913293 A, US4902142 A, US4882229 A, US4859514 A, US4808010 A, US4786190 A, US4785940 A, US4784885 A, US4768411 A, US4729476 A, US4709399 A, US4666778 A, US4656818 A, US4615926 A, US4589247 A, US4550141 A, US4318506 A, US4252846 A, US4189519 A, US4156493 A, US4058632 A, US3942713 A, US3655503 A, US3613874 A, US3595468 A, US3349993 A, US3259303 A, US3259303, US2719663 A, US2013114918 AA, US2011038569 AA, US2010327046 AA, US2010290719 AA, US2010278454 AA, US2010209551 AA, US2010113239 AA, US2010111453 AA, US2009311454 AA, US2009304874 AA, US2009279813 AA, US2009257686 AA, US2009226117 AA, US2009202183 AA, US2009190866 AA, US2009148081 AA, US2009127281 AA, US2009053372 AA, US2008260305 AA, US2008138478 AA, US2008131035 AA, US2007141287 AA, US2007140599 AA, US2007114144 AA, US2007104398 AA, US2007104395 AA, US2006257611 AA, US2006251342 AA, US2006251341 AA, US2006246184 AA, US2006141196 AA, US2006093765 AA, US2006083446 AA, US2006062496 AA, US2005025395 AA, US2003152669 AA, JP62013837 U1, JP62013837 U, JP62013837 U, JP2008230666 A2, JP2007246137 A2, JP2006224984 A2, JP2006111285 A2, JP2006111285, JP2004509813 T2, JP2004509813, JP2003072777 A2, JP2001252983 A2, JP2001252983, JP2001213446 A2, JP10053252, ITTO20000243 A1, IT1319964, GB2438393 A1, EP2108596 A1, EP2108507 A1, EP1930252 A1, EP1908696 A1, EP1842785 A1, EP1714894 B1, EP1676785 A1, EP1584562 A1, EP1254846 A1, EP0179624 A2, EP0179624, CN1478035 A,

Forward Citations:

WO14152479, WO14152479, WO14144136, US9809336, US9759370, US9656784, US9603419, US9586724, US9574113, US9440416, US9395038, US9260214, US9211976, US9182075, US8905638, US8807834, US8800250, US8727621, US8646975, US2017246057, US2013209004, US2011038570, US10071841,

Abstract:

An easy-open and reclosable package includes a pouch including a discrete laminate including a tape including a base strip coated with a pressure sensitive adhesive, and a panel section having a die cut defining a die cut segment the panel section adhered by the PSA to the base strip; the discrete laminate anchored to a first side panel; and a product in the pouch. The die cut segment is so arranged with respect to the pressure sensitive adhesive that when the package is opened, the package can be reclosed by adhering any of the first side panel, second side panel, and panel section to the pressure sensitive adhesive.

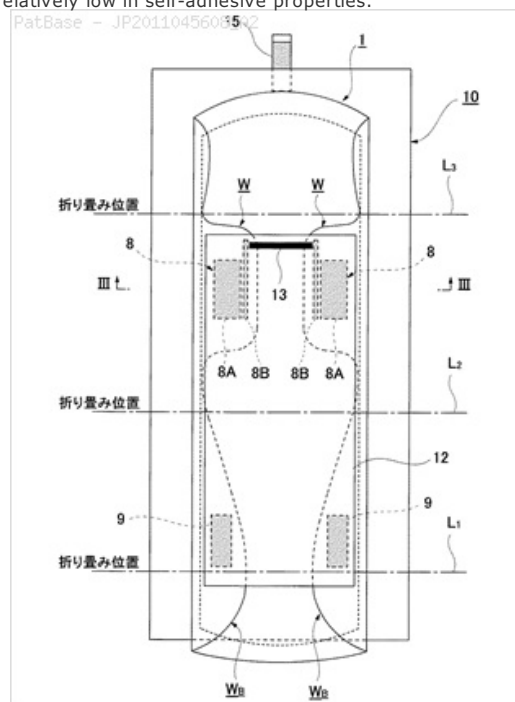


Title: INDIVIDUALLY PACKAGED ABSORBENT ARTICLE**Priority:** JP20090197640 20090828**Family:**

Publication number	Publication date	Application number	Application date
■ CN101999964 A	20110406	CN201010265533	20100826
■ CN101999964 B	20140319	CN201010265533	20100826
■ JP2011045608 A2	20110310	JP20090197640	20090828
■ JP5503925 B2	20140528	JP20090197640	20090828
■ KR101755675 B1	20170707	KR20100082880	20100826
■ KR20110023786 A	20110308	KR20100082880	20100826

Probable Assignee: DAIO SEISHI KK**Assignee(s):(std):** DAIO SEISHI KK**Assignee(s):** DAIO PAPER CORP**Inventor(s):(std):** MICHIKO SATO ; SATO MICHIKO ; SATOU MICHIKO**International class**
(IPC 8-9): A61F13/15 A61F13/472 A61F13/476 A61F13/551 A61F13/58 A61F13/60 B32B7/06
B65D85/07 (Advanced/Invention)**CPC:** A61F13/5513 A61F13/55115 A61F13/55135 A61F13/5514 A61F13/60 B65D85/07[Classification Explorer](#)**Cited documents:** JP3685935 B2, JP2009233101, JP2007014636 A2, JP2007014636, JP2004290602 A2, JP2003024373 A2, JP2003024373, JP2002362624,**Forward Citations:** JP6071308, JP2014028000, CN105592833,**Abstract:**

PROBLEM TO BE SOLVED: To provide an individually packaged absorbent article constituted so as to prevent the turnover or wrinkles of release paper during feed by a machine, to certainly adhere wing release paper and a packing sheet and to smoothly peel the wing release paper when opened. SOLUTION: The individually packaged absorbent article includes the packing sheet 10 for individually packaging a sanitary napkin 1 and the wing release paper 12 integrally covering a pair of wing shift preventing self-adhesive layers 8 and 8 and hip shift preventing self-adhesive layers 9 and 9 in a releasable manner where wing-shaped flaps W and hip holding flaps W_H are each turned over on the surface on the side of a surface sheet 3. The wing shift preventing self-adhesive layer 8 is formed so as to have relatively low self-adhesive properties on the front side of the sanitary napkin 1 and relatively high self-adhesive properties on the rear side of the sanitary napkin. The adhesion part 13 adheres to the outer surface of the packing sheet 10 in a non-releasable state on packaging is formed to the outer surface of the wing release paper 12 between a pair of the wing shift preventing self-adhesive layers 8 and 8 relatively low in self-adhesive properties.



Title: POUCH WITH A TUBE SPOUT FITMENT

Priority: US20090242059P 20090914 US20100881908 20100914 US20140280809 20140519

Family:

	Publication number	Publication date	Application number	Application date
	US2011061222 AA	20110317	US20100881908	20100914
	US2014246455 AA	20140904	US20140280809	20140519
	US8745836 BB	20140610	US20100881908	20100914
	US9957148 BB	20180501	US20140280809	20140519
	WO11032162 A2	20110317	WO2010US48801	20100914
	WO11032162 A3	20110811	WO2010US48801	20100914

Probable Assignee: POUCH PAC INNOVATIONS LLC

Assignee(s):(std): MURRAY R CHARLES ; POUCH PAC INNOVATIONS LLC ; PPI TECHNOLOGIES GLOBAL LLC

Assignee(s): MURRAY R

Inventor(s):(std): MURRAY R CHARLES

Inventor(s): MURRAY R

Agent(s): GIFFORD KRASS SPRINKLE ANDERSON AND CITKOWSKI PC; DINSMORE AND SHOHL LLP; HARPER MARK A ET AL

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

International class (IPC 8-9): B21D39/00 B23P19/00 B31B1/60 B31B1/74 B31B1/90 B65B3/04 B65B61/18 B65D25/40 B65D33/38 B65D75/58 B67D3/00 (Advanced/Invention); B31B150/00 B31B160/10 B31B160/20 B31B70/84 (Advanced/Non-invention)

CPC: B67D3/0067 Y10T29/49817 Y10T29/49826 B31B70/844 B31B2150/00 B31B2160/102 B31B2160/20 B65B3/045 B65D75/5877 B31B70/00 B31B2160/10

European class: B31B19/84 L31B219/90J1 L31B221/10A L31B221/20

US class: 206/484.1 206/489.1 222/107 29/426.2 29/426.200P 29/428 53/133.3 53/467

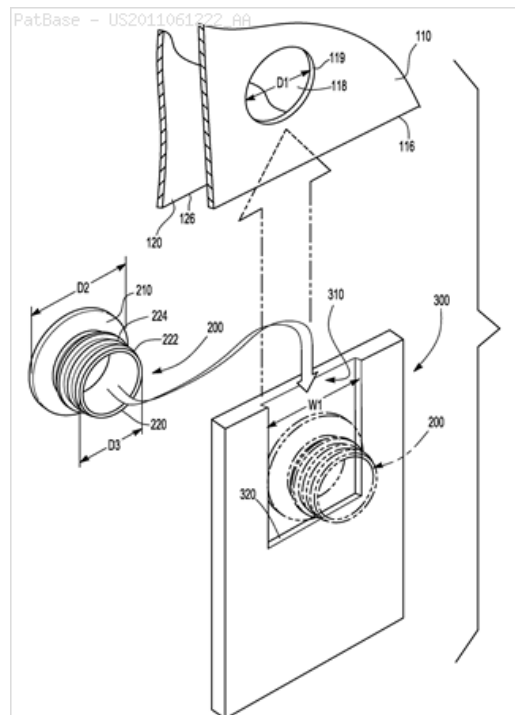
[Classification Explorer](#)

Cited documents: USD641832 S1, USD618763 S1, USD607090 S1, US9624005 BB, US9573736 BB, US9499314 BB, US8196621 BB, US8104644 BB, US7980424 BB, US7832576 BB, US7628299 BB, US7600360 BB, US7487951 BB, US7387220 BB, US7380575 BB, US7357277 BB, US7357276 BB, US7032363 BA, US6893000 BB, US6883683 BA, US6851579 BB, US6702337 BB, US6637725 BB, US6612545 BA, US6607097 BB, US6419118 BA, US6296157 BA, US6290124 BB, US6170543 BA, US6170543 B1, US6131767 A, US5816298 A, US5709244 A, US5609195 A, US5498225 A, US5477883 A, US5445186 A, US4445550 A, US4445539 A, US4286636 A, US4129236 A, US3930286 A, US3454196 A, US3168969 A, US2286263 A, US2016122104 AA, US2016107807 AA, US2016009462 AA, US2015150762 AA, US2011240587 AA, US2011152051 AA, US2011061222 AA, US2010133273 AA, US2009255626 AA, US2009028470 AA, US2009008417 AA, US2008247682 AA, US2008245817 AA, US2008226200 AA, US2007181578 AA, US2007160785 AA, US2007127854 AA, US2007012644 AA, US2006111224 AA, US2006110077 AA, US2005139565 AA, US2005025398 AA, US2004256424 AA, US2004232374 AA, US2004065056 AA, US2003026508 AA, US2002094923 AA, JP9011331 A2, JP2007106478 A2,

Forward Citations: USD796343, US9957148, US9415559, US9296521, US9051105, US2016052705, US2014246455, US10081486, JP2015500185,

Abstract:

A process for placing a tube spout fitment within a flexible pouch container is provided. The process can include providing a front panel and a back panel, each panel having a top edge, a side edge, and a bottom edge. In addition, the front panel can also have an aperture. A fitment having a fitment base and a spout extending from the fitment base is provided and placed through the aperture using a plate with a channel and a channel stop.



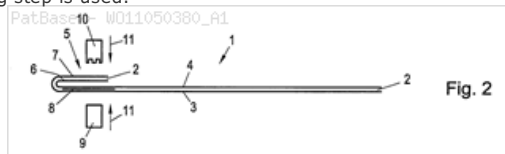
Title: METHOD FOR CLOSING A BAG BODY
Priority: AT20090001733 20091102 WO2010AT00409 20101029
Family:

Publication number	Publication date	Application number	Application date
■ AT508982 A1	20110515	AT20090001733	20091102
■ AT508982 B1	20130315	AT20090001733	20091102
■ IN04711DN2012 A	20151204	IN2012DN04711	20120528
■ TW201134648 A	20111016	TW20100137587	20101102
■ WO11050380 A1	20110505	WO2010AT00409	20101029

Probable Assignee: LOHIA STARLINGER LTD
Assignee(s):(std): SCHOBESBERGER ERNESTO ; WORFF HERWIG
Assignee(s): LOHIA STARLINGER LTD
Inventor(s):(std): SCHOBESBERGER ERNESTO ; WORFF HERWIG
Agent(s): HAFFNER UND KESCHMANN
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): B29C65/00 B29C65/02 B29C65/08 B31B23/00 B31B29/00 B65B51/14 B65B51/22 B65B7/08 B65D33/16 B65D75/20 (Advanced/Invention); B29C65/00 B29C65/02 B31B29/00 (Core/Non-invention)
CPC: B29C66/1352 B29C66/81427 B29C66/232 B29C53/36 B29C65/08 B29C66/004 B29C66/21 B29C66/43121 B29C66/729 B29C66/7371 B29C66/8122 B29K2023/12 B29K2223/00 B29K2313/00 B29K2995/0051 B29L2031/7128 B65B7/08 B65B51/146 B65B51/225 B65D75/20 B29C66/83221 B29C66/73921 B29C66/73711 B29C66/73712 B29C66/71 B31B70/00 B31B70/64 B31B2155/00 B31B2155/002 B31B2160/10
European class: B29C65/02 B29C65/08 B29C66/004 B29C66/1122 B29C66/21 B29C66/43 B29C66/43121 B29C66/729 B29C66/7371 B31B23/00 L29C53/36 L29C66/232 L29C66/8122 L29K223/00 L29K23/12 L29K313/00 L29K995/00F10B L29L31/7128 L31B219/60C L31B237/10 L31B237/50 L65D75/20
[Classification Explorer](#)
Cited documents: WO9530598 A1, US6641882 BA, US4558463 A, US4373979 A, US3535184 A, US3496059 A, US3422596 A, GB990529 A, GB1030789 A, GB1010324 A, FR1475799 A, EP2078682 A1, EP1176104 A2, AT9823 U1,
Forward Citations: WO14072403, EP2730393, DE102013100131,

Abstract:

In a method for closing a bag body made of a woven fabric comprising monoaxially drawn polymer tapes, in particular polyolefin or polypropylene tapes, wherein at least two woven-fabric layers (3, 4) are connected by means of a seam, the seam is implemented as a weld seam (12), wherein at least one ultrasonic welding step is used.



Title:

Priority:

Family:

Method of fabricating shopper bags and associated automated fabrication line

EP20090802227 20091130WO2009IT00538 20091130

Publication number	Publication date	Application number	Application date
 CN102712161 A	20121003	CN200980163302	20091130
 CN102712161 B	20140122	CN200980163302	20091130
 DE602009009139 D1	20121018	DE200960009139T	20091130
 EP2421694 A1	20120229	EP20090802227	20091130
 EP2421694 B1	20120822	EP20090802227	20091130
 WO11064802 A1	20110603	WO2009IT00538	20091130

Probable Assignee:

Assignee(s):(std):

Inventor(s):(std):

Agent(s):

Designated states:

RUGGERO PERONI

PERONI RUGGERO ; RUGGERO PERONI

RUGGERO PERONI ; PERONI RUGGERO

BREVETTI SOC IT SPA; PELLEGRINI ALBERTO; PELLEGRINI ALBERTO ET AL

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

International class

(IPC 8-9):

CPC:

B31B1/32 B31B1/90 B31B19/86 B31B29/00 (Advanced/Invention)

B31B50/32 B31B50/8124 B31B70/024 B31B70/62 B31B70/864 B31B2150/00 B31B2160/20 B31B70/00 B31B2160/10

B31B1/32 B31B1/90 B31B19/86 B31B29/00 L31B201/26A1A L31B201/90B2B L31B219/02C1 L31B219/60B L31B219/90K1 L31B221/20

[Classification Explorer](#)

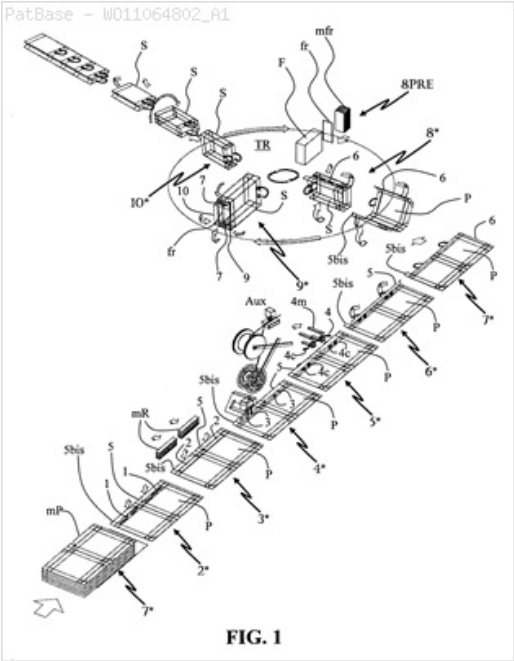
Cited documents:

Forward Citations:

WO06010732 A1, US4790804 A, US3021767 A, US2007161482 AA, US2007/0161482, GB1008906 A, EP1440897 A1, 67, 1962.02.20, ??.;CN,

CN105500775, CN105500775, CN104441779, CN103381672, CN103381672,

Abstract:
A method and a machine for continuously manufacturing shopper bags with flexible handles of non-weldable and non-glueable material, in particular a pair of textile cord handles comprising preparing flexible handles already fitted with metal crossbar terminals, covering the handle retaining terminals by means of a folded over lining flap, carrying out in sequence preparatory operations on sheet panels, pre-cut to size and pre-creased, and forming the bag over special parallelepiped forms mounted on a rotating table.



Title:

Priority:

Family:

Package for individually packaged good of absorbent article

JP20100111363 20100513

EP20110780684 20110512

WO2011JP60955 20110512

Publication number	Publication date	Application number	Application date
AU2011251255 AA	20111117	AU20110251255	20110512
DE602011031501 D1	20161201	DE201160031501T	20110512
EP2570367 A1	20130320	EP20110780684	20110512
EP2570367 A4	20140903	EP20110780684	20110512
EP2570367 B1	20161019	EP20110780684	20110512
JP2011235954 A2	20111124	JP20100111363	20100513
JP5606784 B2	20141015	JP20100111363	20100513
US2013098793 AA	20130425	US20110697408	20110512
WO11142427 A1	20111117	WO2011JP60955	20110512

Probable Assignee:

Assignee(s):(std):

Assignee(s):

Inventor(s):(std):

Agent(s):

UHI CHARM CORP

NODA YUKI ; NOGUCHI JUNICHI ; UNI CHARM CORP ; UNICHARM CORP

UNICHARM SHIKOKUCHUO SHI CORP ; UHI CHARM CORP ; UNI CHARM CO LTD

NOGUCHI JUNICHI ; NODA YUKI

PHILLIPS ORMONDE FITZPATRICK; STREHL SCHUEBEL HOPF AND PARTNER MBB PATENTANWAELTE
EUROPEAN PATENT ATTORNEYS; KNIGHTS RUPERT; DOLLEYMORES; SHOBAYASHI MASAYUKI; FUJITA KAZUKO; SHOBAYASHI MASAYUKI 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 KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9):

CPC:

European class:

US class:

A61F13/15 A61F13/472 A61F13/551 B65D5/42 B65D5/72 B65D75/58 B65D77/04 B65D77/06 B65D77/30 B65D77/40 B65D85/07 B65D85/16 (Advanced/Invention)

A61F13/55145 A61F13/5514 B65D5/724 B65D75/5827 B65D77/04 B65D77/062 B65D2577/043 B65D2577/045 B65D85/07

A61F13/551B2B A61F13/551B2D B65D5/72C B65D75/58E B65D77/04 B65D77/06B L65D577/04Y1A L65D577/04Y1B L65D85/16

206/438

[Classification Explorer](#)

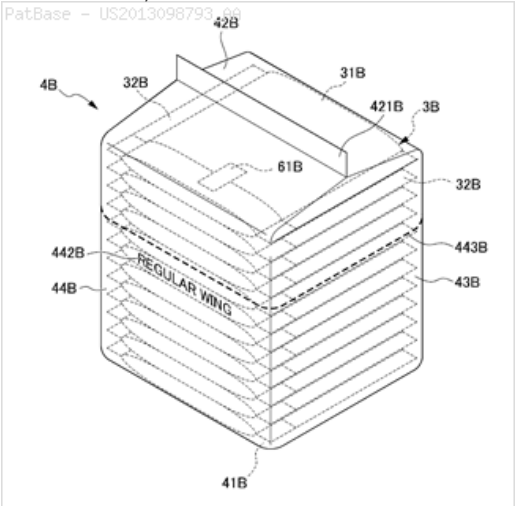
Cited documents:

Forward Citations:

WO11142427 A1, WO11142427, WO05055901 A1, US2004238393 AA, US2002148749 AA, JP7187197 A2, JP7187197, JP2009126555 A2, JP2009126555, JP2007153422 A2, JP2007153422, JP2006526550 T2, JP2006526550, JP2004307044 A2, JP2003104472 A2, JP11105957, JP11105957,

WO15105990, WO15093630, JP6080549, JP5606784, JP2016130137, JP2015193408, JP2014129121, JP2011235954,

Abstract:
A package for individually packaged good of absorbent article includes an individually packaged good having a main body portion and a pair of extended portions; a bag body housing individually packaged goods; and a box body that houses the bag body housing the individually packaged goods, in which the individually packaged goods are housed in the bag body such that a position of the extended portions is aligned; the bag body is housed in the box body such that a pair of side faces, to which the pair of extended portions is directed, is positioned to face a pair of opposite internal faces of the box body; and a length L1 between ends of the pair of extended portions of the individually packaged good, in a state in which the extended portions are straightened, is greater than a length L2 between the pair of internal faces of the box body.



Title:

WIEDERVERSCHLIESSBARER BEHAELTER

Priority:

DE201120050614U 20110701

Family:

Publication number	Publication date	Application number	Application date
DE202011050614 U1	20111215	DE201120050614U	20110701
IN01377DE2012 A	20151030	IN2012DE01377	20120504

Probable Assignee:

HUHTAMAKI RONSBERG ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH AND CO KG

Assignee(s):

HUHTAMAKI DEUTSCHLAND GMBH AND CO KG ; HUHTAMAKI RONSBERG ; HUHTAMAKI RONSBERG ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH AND CO KG

Inventor(s):

DAELMANS EDDY ; KLAUS THOMAS ; MARZ MANFRED ; SCHRAEGLE MATTHIAS ; SURDZIEL AGATA

International class (IPC 8-9):

A61M B65D33/16 B65D65/40 B65D65/42 (Advanced/Invention)

CPC:

B65D75/5855 B31B70/146 B31B70/18 B31B70/62 B31B70/813 B31B2155/00 B31B2155/002 B31B2160/10 B65D75/5833 B65D2575/586

European class:

B65D75/58E1 B65D75/58F L31B219/14D L31B219/14F1 L31B219/60B L31B219/90C L31B237/10 L31B237/50 L65D575/58R

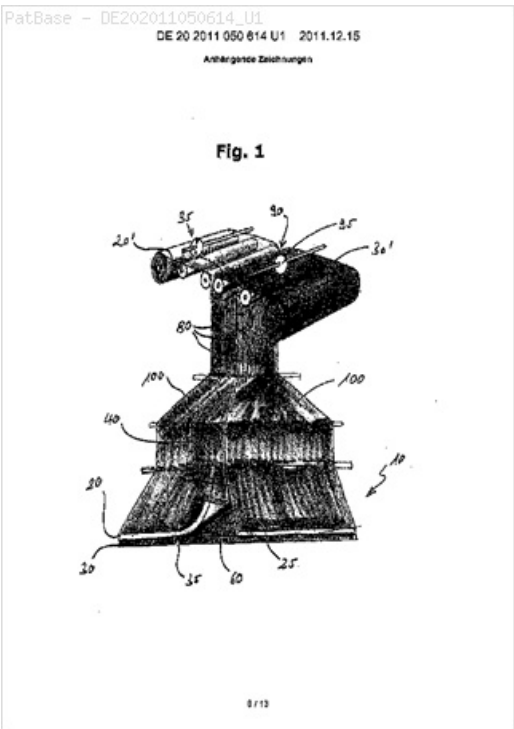
Classification Explorer

Forward Citations:

US9873553, DE102014002411,

Abstract:

Source: DE202011050614U1 [DE] Wiederverschliessbarer Behaelter (11), insbesondere Schlauchbeutel, oder im Wesentlichen formstabiler Behaelter, dadurch gekennzeichnet, dass der Behaelter einen oeffnungs- und Wiederverschliessmechanismus aufweist, der durch ein Folienmaterial (10) gebildet ist.



Title: ENVELOPES AND METHODS FOR THEIR PRODUCTION

Priority: AU20100904780 20101027 AU20110320028 20111027 WO2011AU01381 20111027

Family:

Publication number	Publication date	Application number	Application date
AU2011320028 AA	20120503	AU20110320028	20111027
AU2011320028 BB	20150709	AU20110320028	20111027
CA2816079 AA	20130426	CA20112816079	20111027
EP2632816 A1	20130904	EP20110835354	20111027
EP2632816 A4	20150826	EP20110835354	20111027
NZ610931 A	20141128	NZ20110610931	20111027
US2013206825 AA	20130815	US20110882139	20111027
WO12054982 A1	20120503	WO2011AU01381	20111027

Probable Assignee: MACGREGOR MFG INVESTMENTS PTY LTD

Assignee(s):(std): MACGREGOR CHRISTIAN ; MACGREGOR MFG INVEST PTY LTD

Assignee(s): MACGREGOR MFG INVESTMENTS PTY LTD ; MACGREGOR MANUFACTURING INVESTMENTS PTY LIMITED

Inventor(s):(std): MACGREGOR CHRISTIAN

Agent(s): GOODHEW CHRISTOPHER T; ADE AND CO INC; PARRY CHRISTOPHER STEPHEN; GOODHEW CHRISTOPHER THOMAS

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

International class (IPC 8-9): B31B1/64 B31B23/00 B65D27/14 (Advanced/Invention)

CPC: B65D27/14 B31B50/64 B31B70/00 B31B70/25 B31B70/813 B31B2150/00 B31B2155/00 B31B2160/10

European class: B31B19/00 B65D27/14 L31B219/25 L31B219/90C L31B221/10 L31B237/10

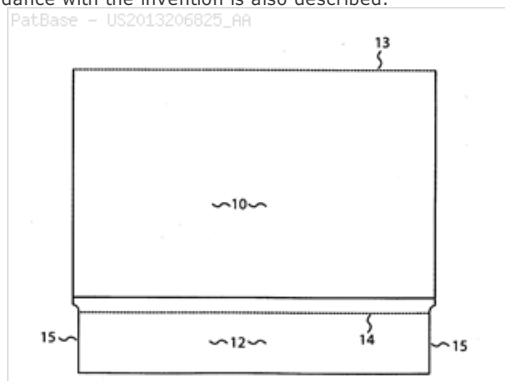
US class: 229/80 493/199 493/214 493/243

[Classification Explorer](#)

Cited documents: US6505859 BA, US6135938 A, US6098872 A, US5069855 A, US5030189 A, US4961983 A, US4961503 A, US4895297 A, US4759643 A, US4308988 A, US3593485 A, US3107784 A, US2009001143 AA, US2008035714 AA, US2005031887 AA, US2005006444 AA, US2004013322 AA, US1944794 A, US1941412 A,

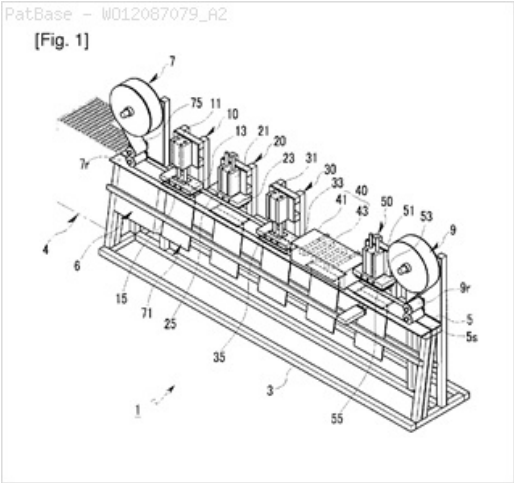
Abstract:

An envelope is formed from continuous COPP film web by precreasing envelope body (13) and flap (14) fold lines along the web, continuously installing an adhesive tape along the flap portions and pre-cutting relief slots in the web corresponding to the flap side edges (15). The pre-creased web is folded and cut into individual envelopes by hot knife cutting, whereby the presence of the slots prevents the flaps from welding to the side seams even with the flap folded over. Envelopes produced by the method are suited to automatic stuffing. Apparatus for making envelopes in accordance with the invention is also described.



Title:	BOTTOM PORTION BONDING DEVICE AND BONDING METHOD OF STANDING POUCH			
Priority:	KR20100134189 20101224			
Family:	Publication number	Publication date	Application number	Application date
	KR101260012 B1	20130531	KR20100134189	20101224
	KR20120072437 A	20120704	KR20100134189	20101224
	WO12087079 A2	20120628	WO2011KR10069	20111226
	WO12087079 A3	20120927	WO2011KR10069	20111226
Probable Assignee:	NEWPACK KOREA CO LTD			
Assignee(s):(std):	NEWPACK KOREA CO LTD ; SONG CHEL JONG			
Assignee(s):	NEWPACK KOREA CO			
Inventor(s):(std):	SONG CHEL JONG			
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 KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW			
International class (IPC 8-9):	B31B1/64 B31B19/14 B31B19/64 B66F7/10 (Advanced/Invention)			
CPC:	B31B70/62 B31B2150/00 B31B2150/0014 B31B2150/002 B31B2160/20 B31B50/64 B66F7/10 B31B70/00 B31B2160/10			
European class:	B31B19/14 B31B19/64 L31B219/60B L31B221/20 L31B221/40B L31B221/50			
	Classification Explorer			
Cited documents:	US3599538 A, KR960016322 B1, KR960016322 B1, KR20040029522 A, JP2005205757 A2, JP2005205757, JP10316152 A2,			
Forward Citations:	KR101707887, CN105196610, CN104960241,			

Abstract:
A bottom portion bonding device of a standing pouch of the present invention comprises: a worktable (5) which has a slit (5s) in the middle part thereof along a lengthwise direction such that a temporary bag (71) having a bottom portion that points towards the top is introduced and moves therein; a supply bobbin (7) and a collection bobbin (9) which are disposed on both ends of the worktable (5) and are rotated by the driving sources, wherein a bottom fabric (75) is wound on the supply bobbin (7) and the collection bobbin (9) collects the bottom fabric (75); first and second guide rollers (7r, 9r) which are installed on one side of the supply bobbin (7) and the collection bobbin (9), and guide and move the bottom fabric (75) such that the bottom fabric (75) comes close to an upper surface of the worktable (5); a supply roller (6) which is installed on one front side of the worktable (5), and guides and moves the inserted temporary bag (71) in a backward direction; first, second, and third thermal bonding means (10, 20, 30) which integrally pressurize and thermally bond the temporary bag (71) supplied through the supply roller (6) and the bottom fabric (75) located on the upper side of the temporary bag, wherein the thermal bonding means sequentially have a high temperature; a cooling means (40) which is installed on one side of the thermal bonding means, and cools a pouch (70) having a bottom portion that is bonded; and a cutting means (50) which is installed on one side of the cooling means (40), and cuts around the bottom portion of the cooled pouch (70).



Title:	PACKAGING UNIT HAVING IMPROVED SEALING PROPERTIES																																																																																																															
Priority:	EP20120875597 20120423 CO20140255938 20141121		WO2012SE50425 20120423	EP20160190751 20120423																																																																																																												
Family:	<table><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr><tr><td>AU2012378325 AA</td><td>20131031</td><td>AU20120378325</td><td>20120423</td></tr><tr><td>AU2012378325 BB</td><td>20150910</td><td>AU20120378325</td><td>20120423</td></tr><tr><td>BR112014026491 A2</td><td>20170627</td><td>BR20141126491</td><td>20120423</td></tr><tr><td>CN104244894 A</td><td>20141224</td><td>CN201280072612</td><td>20120423</td></tr><tr><td>CN104244894 B</td><td>20161130</td><td>CN201280072612</td><td>20120423</td></tr><tr><td>CO7141444 A2</td><td>20141212</td><td>CO20140255938</td><td>20141121</td></tr><tr><td>DE602012025318 D1</td><td>20161222</td><td>DE201260025318T</td><td>20120423</td></tr><tr><td>DE602012042610 D1</td><td>20180308</td><td>DE201260042610T</td><td>20120423</td></tr><tr><td>EP2841041 A1</td><td>20150304</td><td>EP20120875597</td><td>20120423</td></tr><tr><td>EP2841041 A4</td><td>20151202</td><td>EP20120875597</td><td>20120423</td></tr><tr><td>EP2841041 B1</td><td>20161109</td><td>EP20120875597</td><td>20120423</td></tr><tr><td>EP3143977 A1</td><td>20170322</td><td>EP20160190751</td><td>20120423</td></tr><tr><td>EP3143977 B1</td><td>20180131</td><td>EP20160190751</td><td>20120423</td></tr><tr><td>ES2606315 T3</td><td>20170323</td><td>ES20120875597T</td><td>20120423</td></tr><tr><td>ES2664425 T3</td><td>20180419</td><td>ES20160190751T</td><td>20120423</td></tr><tr><td>JP2015514542 T2</td><td>20150521</td><td>JP20150508897T</td><td>20120423</td></tr><tr><td>JP6039792 B2</td><td>20161207</td><td>JP20150508897T</td><td>20120423</td></tr><tr><td>MX2014012722 A1</td><td>20150115</td><td>MX20140012722</td><td>20120423</td></tr><tr><td>MX348627 B</td><td>20170622</td><td>MX20140012722</td><td>20120423</td></tr><tr><td>PL2841041 T3</td><td>20170331</td><td>PL20120875597T</td><td>20120423</td></tr><tr><td>RU2587070 C1</td><td>20160610</td><td>RU20140147058</td><td>20120423</td></tr><tr><td>TH146472 A</td><td>20160229</td><td>TH20141006341</td><td>20120423</td></tr><tr><td>TN2014000389 A1</td><td>20151221</td><td>TN20140000389</td><td>20140917</td></tr><tr><td>US2015112294 AA</td><td>20150423</td><td>US20120396132</td><td>20120423</td></tr><tr><td>US9155668 BB</td><td>20151013</td><td>US20120396132</td><td>20120423</td></tr><tr><td>WO13162430 A1</td><td>20131031</td><td>WO2012SE50425</td><td>20120423</td></tr></table>				Publication number	Publication date	Application number	Application date	AU2012378325 AA	20131031	AU20120378325	20120423	AU2012378325 BB	20150910	AU20120378325	20120423	BR112014026491 A2	20170627	BR20141126491	20120423	CN104244894 A	20141224	CN201280072612	20120423	CN104244894 B	20161130	CN201280072612	20120423	CO7141444 A2	20141212	CO20140255938	20141121	DE602012025318 D1	20161222	DE201260025318T	20120423	DE602012042610 D1	20180308	DE201260042610T	20120423	EP2841041 A1	20150304	EP20120875597	20120423	EP2841041 A4	20151202	EP20120875597	20120423	EP2841041 B1	20161109	EP20120875597	20120423	EP3143977 A1	20170322	EP20160190751	20120423	EP3143977 B1	20180131	EP20160190751	20120423	ES2606315 T3	20170323	ES20120875597T	20120423	ES2664425 T3	20180419	ES20160190751T	20120423	JP2015514542 T2	20150521	JP20150508897T	20120423	JP6039792 B2	20161207	JP20150508897T	20120423	MX2014012722 A1	20150115	MX20140012722	20120423	MX348627 B	20170622	MX20140012722	20120423	PL2841041 T3	20170331	PL20120875597T	20120423	RU2587070 C1	20160610	RU20140147058	20120423	TH146472 A	20160229	TH20141006341	20120423	TN2014000389 A1	20151221	TN20140000389	20140917	US2015112294 AA	20150423	US20120396132	20120423	US9155668 BB	20151013	US20120396132	20120423	WO13162430 A1	20131031	WO2012SE50425	20120423
Publication number	Publication date	Application number	Application date																																																																																																													
AU2012378325 AA	20131031	AU20120378325	20120423																																																																																																													
AU2012378325 BB	20150910	AU20120378325	20120423																																																																																																													
BR112014026491 A2	20170627	BR20141126491	20120423																																																																																																													
CN104244894 A	20141224	CN201280072612	20120423																																																																																																													
CN104244894 B	20161130	CN201280072612	20120423																																																																																																													
CO7141444 A2	20141212	CO20140255938	20141121																																																																																																													
DE602012025318 D1	20161222	DE201260025318T	20120423																																																																																																													
DE602012042610 D1	20180308	DE201260042610T	20120423																																																																																																													
EP2841041 A1	20150304	EP20120875597	20120423																																																																																																													
EP2841041 A4	20151202	EP20120875597	20120423																																																																																																													
EP2841041 B1	20161109	EP20120875597	20120423																																																																																																													
EP3143977 A1	20170322	EP20160190751	20120423																																																																																																													
EP3143977 B1	20180131	EP20160190751	20120423																																																																																																													
ES2606315 T3	20170323	ES20120875597T	20120423																																																																																																													
ES2664425 T3	20180419	ES20160190751T	20120423																																																																																																													
JP2015514542 T2	20150521	JP20150508897T	20120423																																																																																																													
JP6039792 B2	20161207	JP20150508897T	20120423																																																																																																													
MX2014012722 A1	20150115	MX20140012722	20120423																																																																																																													
MX348627 B	20170622	MX20140012722	20120423																																																																																																													
PL2841041 T3	20170331	PL20120875597T	20120423																																																																																																													
RU2587070 C1	20160610	RU20140147058	20120423																																																																																																													
TH146472 A	20160229	TH20141006341	20120423																																																																																																													
TN2014000389 A1	20151221	TN20140000389	20140917																																																																																																													
US2015112294 AA	20150423	US20120396132	20120423																																																																																																													
US9155668 BB	20151013	US20120396132	20120423																																																																																																													
WO13162430 A1	20131031	WO2012SE50425	20120423																																																																																																													
Probable Assignee:	SCA HYGIENE PRODUCTS AB																																																																																																															
Assignee(s):(std):	DAHL ANNIKA ; HENRIKSSON LINDA ; PERNEBORN ROBERT ; SAARVAELI EVA LI ; SCA HYGIENE PROD AB ; SAARVALI EVA LI																																																																																																															
Assignee(s):	SKA KHAJDZHIN PRODAKTS AB ; SCA HYGIENE PRODUCTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG																																																																																																															
Inventor(s):(std):	ANNIKA DAHL ; EVA LI SAARVAELI ; LINDA HENRIKSSON ; ROBERT PERNEBORN ; SAARVELI EVA LI ; SAARVALL EVA LI ; SAARVALI EVA LI ; SAARVAELI EVA LI ; KHENRIKSSON LINDA ; HENRIKSSON LINDA ; DAL ANNIKA ; DAHL ANNIKA ; PERNEBORN ROBERT																																																																																																															
Inventor(s):	PERNEBORN ; LINDA ; DAHL ; ANNIKA ; HENRIKSSON ; EVA LI ; SAARVAELI ; ROBERT																																																																																																															
Agent(s):	WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; LUZ CLEMENCIA DE PAEZ; VALEA AB; DE ELZABURU ALBERTO; ELZABURU SLP ELZABURU SLP; BUCHANAN INGERSOLL AND ROONEY PC																																																																																																															
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT 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																																																																																																															
International class (IPC 8-9):	A61F13/15 A61F13/472 A61F13/551 B65D65/14 B65D75/20 (Advanced/Invention); A61F13/551 (Core/Invention)																																																																																																															
CPC:	B65D65/14 B65D75/20 A61F13/5514 A61F13/5515 A61F13/15747 Y10T156/1051																																																																																																															
US class:	1/1 156/227 604/385.02																																																																																																															
Classification Explorer																																																																																																																
Cited documents:	WO9414396 A1, WO8810219 A1, WO8810219, WO88010219, USH1454 H1, US5769837 A, US5375764 A, US5167739 A, US4917675 A, US4781712 A, US4555022 A, US3217871 A, US2010298797 AA, US2010121299 AA, RU36363 U, JP2004514539 T2, JP2004514539, GB2153779 A1, EP0472376 A1, EP0471385 A1,																																																																																																															
Forward Citations:	WO15190970, WO15190969, WO15190968, WO15190966, WO15190965, WO15190964, US9943448, US9834355, US9821940, US2017190489, US10086989, US10017309, RU2654427, RU2645572, RU2644113, RU2643970, RU2642415, JP2017524409, JP2017521142, JP2017521141, JP2017517342, JP2016539057, EP3060183, AU2014396919, AU2014396903, AU2014396902, AU2014396902, AU2014396900, AU2014396899, AU2014396898,																																																																																																															

Abstract:

A packaging unit formed from a sheet of material having an inner surface, an outer surface and one folding axis dividing the sheet into a first region and a second region. The inner surface includes an inner edge portion and an outer edge portion, wherein one of the inner edge portion and the outer edge portion of the edge zone of the first region is provided with adhesive, and the other of the inner edge portion and the outer edge portion of the edge zone of the first region is adhesive-free. One of the inner edge portion and the outer edge portion of the edge zone of the second region is provided with adhesive, and the other of the inner edge portion and the outer edge portion of the edge zone of the second region is adhesive-free in a complementary manner to the edge zone of the first region.

Title: RECLOSABLE BAG AND METHODS OF FORMING AND USING SAME
Priority: US20120646947P 20120515 US20120677685P 20120731 US20130832813 20130315
WO2013US40834 20130514 US20160058399 20160302

Family:	Publication number	Publication date	Application number	Application date
	AU2013263019 AA	20131121	AU20130263019	20130514
	AU2013263019 BB	20170420	AU20130263019	20130514
	BR112014028234 A2	20170627	BR20141128234	20130514
	CA2873400 AA	20141112	CA20132873400	20130514
	CL2014003060 A1	20150612	CL20140003060	20141111
	CO7151537 A2	20141229	CO20140274951	20141215
	DOP2014000281 A	20150531	DO20140000281	20141215
	EP2874893 A1	20150527	EP20130790746	20130514
	EP2874893 A4	20160420	EP20130790746	20130514
	IN08857CN2014 A	20160701	IN2014CN08857	20141208
	JP2015517445 T2	20150622	JP20150512728T	20130514
	JP6266600 B2	20180124	JP20150512728T	20130514
	KR20150012294 A	20150203	KR20147035152	20130514
	MX2014013814 A1	20150204	MX20140013814	20130514
	MX347455 B	20170427	MX20140013814	20130514
	NZ702027 A	20170127	NZ20130702027	20130514
	TH151938 A	20160623	TH20141006842	20130514
	US2013308883 AA	20131121	US20130832813	20130315
	US2016200492 AA	20160714	US20160058399	20160302
	US9302821 BB	20160405	US20130832813	20130315
	WO13173259 A1	20131121	WO2013US40834	20130514

Probable Assignee: AUTOMATED PACKAGING SYSTEMS
Assignee(s):(std): AUTOMATED PACKAGING SYST INC ; AUTOMATED PACKAGING SYSTEMS INC ; WEHRMANN RICK STEVEN
Assignee(s): AUTOMATED PACKAGING SYSTEMS INC10175 PHILIPP PARKWAYSTREETSBOROOH44241US ; AUTOMATED PACKAGING SYSTEMS
Inventor(s):(std): RICK STEVEN WEHRMANN ; WEHRMANN RICK STEVEN
Inventor(s): WEHRMANN RICK STEVENUS
Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; RIDOUT AND MAYBEE LLP; SARGENT AND KRAHN; LUZ CLEMENCIA DE PAEZ; GANGUILLET CYRIL; CALFEE HALTER AND GRISWOLD LLP; SMITH KENNETH J
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): B31B1/00 B65D27/06 B65D33/16 B65D33/20 B65D33/24 B65D65/14 B65D75/26 B65D75/58 (Advanced/Invention); B65D33/24 (Core/Invention)
CPC: B65D75/5827 B65D2575/586 B65D75/26 B65D65/14 B65D75/58 B31B70/62 B31B70/813 B31B2155/00 B31B2155/0014 B31B2160/10 B65D33/20
US class: 1/1 383/203 383/210 383/211 493/214 493/267 53/452

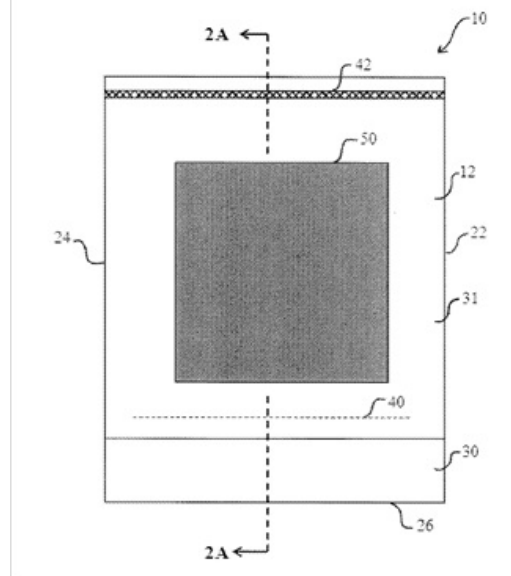
[Classification Explorer](#)

Cited documents: WO9319991 A2, WO9104199 A1, WO04007307 A1, USD363018 S1, US8607980 BB, US8069635 BB, US7780069 BB, US7726550 BB, US7654064 BB, US7033077 BB, US6929400 BB, US6691913 BA, US6070792 A, US6032854 A, US5941641 A, US5908243 A, US5897210 A, US5855435 A, US5743070 A, US5738274 A, US5676466 A, US5466734 A, US5400957 A, US4871265 A, US4824261 A, US4786190 A, US4785940 A, US4709399 A, US4679693 A, US4650079 A, US4629071 A, US4581007 A, US4483018 A, US4428477 A, US4410130 A, US4192420 A, US3942713 A, US3388789 A, US3387640 A, US3276669 A, US3184149 A, US3184149, US2777631 A, US2012067896 AA, US2008223007 AA, US2008152264 AA, US2008050055 AA, US2008041928 AA, US2005036716 AA, US2004013322 AA, US2004013322, US2002030093 AA, US2001032872 AA, JP9099953 A2, JP9099953, JP2010168054 A2, JP2009292494 A2, JP2008280081 A2, JP2008280081, JP2008013190 A2, JP2004034990 A2, JP2004034990, JP2003238918 A2, JP2003238918,

Forward Citations: GB2559734,

Abstract:

An exemplary reclosable bag includes a first ply joined to a second ply to define a main bag portion having a compartment and a product receiving opening. A reclosing flap is connected to the main bag portion and is spaced apart from the product receiving opening. A reclosing material and a release material are applied to the bag and are arranged such that the reclosing material releasably adheres to the release material. The reclosing flap is movable between a passive position and an active position. A bag opening zone formed in the main bag portion proximate the reclosing flap may be opened to create a product retrieval opening for retrieving a product from the compartment. The product is returned to the compartment through the product retrieval opening, and the compartment is reclosed by moving the reclosing flap from the passive position to the active position.



Title:

Priority:

Family:

MACHINE FOR MANUFACTURING FLAT BOTTOM BAGS

FR20120055766 20120620 EP20130733360 20130606 WO2013FR51295 20130606

Publication number	Publication date	Application number	Application date
DE602013008785 D1	20160728	DE201360008785T	20130606
EP2864114 A1	20150429	EP20130733360	20130606
EP2864114 B1	20160622	EP20130733360	20130606
FR2992254 A1	20131227	FR20120055766	20120620
FR2992254 B1	20140815	FR20120055766	20120620
US2015141228 AA	20150521	US20130408050	20130606
WO13190208 A1	20131227	WO2013FR51295	20130606

Probable Assignee:

Assignee(s):(std):

Inventor(s):(std):

Inventor(s):

Agent(s):

Designated states:

HOLWEG GROUP

HOLWEG GROUP ; HOLWEG SAS

SCHALCK VINCENT

VINCENT SCHALCK

NOVAGRAAF; NOVAGRAAF TECHNOLOGIES; NOVAGRAAF TECHNOLOGIES CBT BALLOT; BRUNGARD YVES

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

International class (IPC 8-9):

CPC:

US class:

Classification Explorer

Cited documents:

Forward Citations:

B31B19/92 B31B29/00 B31B31/00 B31B31/26 B31B37/00 (Advanced/Invention)

B31B70/024 B31B70/261 B31B2150/00 B31B2150/003 B31B2155/00 B31B2155/003 B31B2160/10 B31B2160/20 B31B70/00

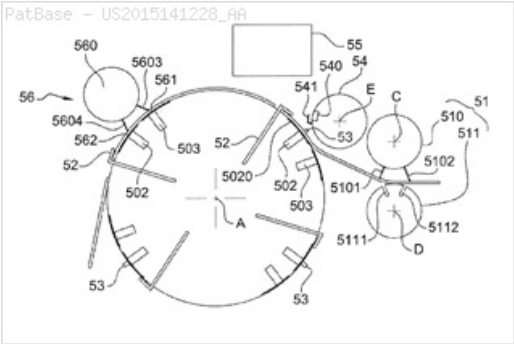
493/240 493/241

[Classification Explorer](#)

US7011617 BB, US6511409 BB, US6283906 BA, US5149315 A, US4934993 A, US4380446 A, US3710694 A, US3554099 A, US3379103 A, GB918381 A, GB1369457 A, FR1383234 A, EP1525976 A2, DE10261257 B4,

US2016250818,

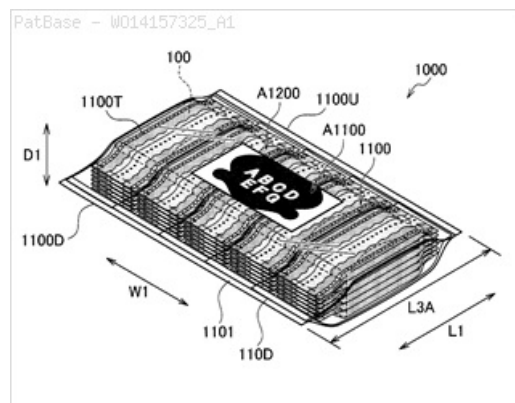
Abstract:
A machine for manufacturing flat bottom bags includes a drum for carrying along at least one blank having a flattened tubular shape in an advancing direction, a first scoring apparatus upstream of the drum for marking on the blank a first folding line which is transverse with respect to the advancing direction, a front gripper on the drum that grips a front edge of the blank on the drum, in an opening step, and carries along the blank, a first lateral gripping means on the drum that grip the lateral edges of the blank in the region of the first folding line.



Title:	ABSTRACTIVE ARTICLE CONTAINING BODY			
Priority:	JP20130073845 20130329	JP20130073845U 20130329	CN201320313972U 20130531	
	JP20130233548 20131111	WO2014JP58513 20140326		
Family:	Publication number	Publication date	Application number	Application date
	■ CN104068973 A	20141001	CN201310215419	20130531
	■ CN104068973 B	20160203	CN201310215419	20130531
	■ CN203370028 U	20140101	CN201320313972U	20130531
	■ ID201703610 A	20170407	ID2015P0006214	20140326
	■ JP2014208545 A2	20141106	JP20130233548	20131111
	■ JP3212363 U	20170907	JP20170002863U	20170626
	■ TH166142 A	20170817	TH20151005775	20140326
	■ WO14157325 A1	20141002	WO2014JP58513	20140326
Probable Assignee:	UNI CHARM CORP			
Assignee(s):(std):	UNI CHARM CORP ; UNICHARM CORP			
Assignee(s):	UNI CHARM CO LTD			
Inventor(s):(std):	KASHIWAGI MASAHIRO ; TANIO TOSHIYUKI ; TERASOMA NOZOMI ; TOSHIYUKI TANIO ; SHEN JIPING ; NOZOMI TERASOMA ; MU QINYI ; MASAHIRO KASHIWAGI			
Agent(s):	BUZDI RAHMAT SH; FELICITE PATENT PROFESSIONAL CORP			
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 KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW			
International class (IPC 8-9):	A61F13/15 A61F13/472 A61F13/551 B65D30/10 B65D33/00 B65D77/04 B65D85/07 B65D85/16 (Advanced/Invention); B65D85/16 (Core/Invention)			
CPC:	A61F13/55145 B65D77/04 B65D2203/02 B65D2577/043 B65D2577/045 A61F13/5514 A61F13/551 A61F13/84			
Classification Explorer				
Cited documents:	US2008264828 AA, JP8113268 A2, JP2012254283 A2, JP20111084310 A2, JP2008239196 A2, JP2007153422 A2, JP2005335791 A2, CN203370028 U, CN1679456 A, CN101442969 A,			
Forward Citations:	WO15093630, JP5985671, JP2016130137, CN104755389, CN104068973, CN104068973,			

Abstract:

Provided is an absorptive article containing body which is configured so that, when first package bodies in which absorptive articles are individually packaged are packaged in second package bodies and in a third package body, the first package bodies which are packaged inside are more easily visible. An absorptive article containing body (1000) has: first package bodies which have packaging materials for individually packaging absorptive articles; second package bodies which contain the first package bodies; and a third package body which contains the second package bodies. Each of the first package bodies has, while an absorptive article is packaged therein, a thickness direction, a first direction, and a second direction. The first package bodies within each of the second package bodies are stacked in the thickness direction, and the second package bodies within the third package body are arranged side-by-side in one of the first direction and the second direction. A part of the third package body is configured so as to allow the second package bodies contained within the third package body to be visible through the part of the third package body. At least a part of each of the second package bodies is configured so as to allow the first package bodies contained within the second package body using the third package body to be visible through the at least a part of the second package body.



Title:	FLEXIBLE PACKAGE AND METHOD OF MAKING THE SAME																																																																																																																													
Priority:	US20120719340P 20121026		US20120739535P 20121219		US20130769168P 20130225																																																																																																																									
	US20130801186P 20130315		US20130860233P 20130730		AU20130334078 20131025																																																																																																																									
	EP20130795023 20131025		JP20150539877T 20131025		US20130064108 20131025																																																																																																																									
	US20130064083 20131025		WO2013US66985 20131025		US20140194644 20140228																																																																																																																									
	US20140251515 20140411		US20140333420 20140716		AU20180203519 20180518																																																																																																																									
Family:	<table><tr><th>Publication number</th><th>Publication date</th><th>Application number</th><th>Application date</th></tr><tr><td> AU2013334078 AA</td><td>20140501</td><td>AU20130334078</td><td>20131025</td></tr><tr><td> AU2013334078 BB</td><td>20180222</td><td>AU20130334078</td><td>20131025</td></tr><tr><td> AU2018203519 AA</td><td>20180607</td><td>AU20180203519</td><td>20180518</td></tr><tr><td> BR112015009254 A2</td><td>20170704</td><td>BR20151109254</td><td>20131025</td></tr><tr><td> CA2888741 AA</td><td>20150417</td><td>CA20132888741</td><td>20131025</td></tr><tr><td> CL2015001082 A1</td><td>20150904</td><td>CL20150001082</td><td>20150424</td></tr><tr><td> CN105026282 A</td><td>20151104</td><td>CN201380068596</td><td>20131025</td></tr><tr><td> CN105026282 B</td><td>20180814</td><td>CN201380068596</td><td>20131025</td></tr><tr><td> DE602013034456 D1</td><td>20180405</td><td>DE201360034456T</td><td>20131025</td></tr><tr><td> EP2911947 A1</td><td>20150902</td><td>EP20130795023</td><td>20131025</td></tr><tr><td> EP2911947 B1</td><td>20180314</td><td>EP20130795023</td><td>20131025</td></tr><tr><td> EP3375728 A2</td><td>20180919</td><td>EP20180161260</td><td>20131025</td></tr><tr><td> IL238385 A0</td><td>20150630</td><td>IL20130238385</td><td>20131025</td></tr><tr><td> IN04342DN2015 A</td><td>20160831</td><td>IN2015DN04342</td><td>20150520</td></tr><tr><td> JP2016500618 T2</td><td>20160114</td><td>JP20150539877T</td><td>20131025</td></tr><tr><td> JP2018140841 A2</td><td>20180913</td><td>JP20180089564</td><td>20180507</td></tr><tr><td> JP6336995 B2</td><td>20180613</td><td>JP20150539877T</td><td>20131025</td></tr><tr><td> MX2015005310 A1</td><td>20160607</td><td>MX20150005310</td><td>20131025</td></tr><tr><td> NZ707683 A</td><td>20171222</td><td>NZ20130707683</td><td>20131025</td></tr><tr><td> PL2911947 T3</td><td>20180831</td><td>PL20130795023T</td><td>20131025</td></tr><tr><td> SG11201503075S A1</td><td>20150528</td><td>SG20151103075</td><td>20131025</td></tr><tr><td> US2014185962 AA</td><td>20140703</td><td>US20130064108</td><td>20131025</td></tr><tr><td> US2014301674 AA</td><td>20141009</td><td>US20140194644</td><td>20140228</td></tr><tr><td> US2014307985 AA</td><td>20141016</td><td>US20140251515</td><td>20140411</td></tr><tr><td> US2014328552 AA</td><td>20141106</td><td>US20140333420</td><td>20140716</td></tr><tr><td> US2015001234 AA</td><td>20150101</td><td>US20130064083</td><td>20131025</td></tr><tr><td> US9745104 BB</td><td>20170829</td><td>US20140251515</td><td>20140411</td></tr><tr><td> US9850036 BB</td><td>20171226</td><td>US20130064108</td><td>20131025</td></tr><tr><td> WO14066867 A1</td><td>20140501</td><td>WO2013US66985</td><td>20131025</td></tr></table>						Publication number	Publication date	Application number	Application date	AU2013334078 AA	20140501	AU20130334078	20131025	AU2013334078 BB	20180222	AU20130334078	20131025	AU2018203519 AA	20180607	AU20180203519	20180518	BR112015009254 A2	20170704	BR20151109254	20131025	CA2888741 AA	20150417	CA20132888741	20131025	CL2015001082 A1	20150904	CL20150001082	20150424	CN105026282 A	20151104	CN201380068596	20131025	CN105026282 B	20180814	CN201380068596	20131025	DE602013034456 D1	20180405	DE201360034456T	20131025	EP2911947 A1	20150902	EP20130795023	20131025	EP2911947 B1	20180314	EP20130795023	20131025	EP3375728 A2	20180919	EP20180161260	20131025	IL238385 A0	20150630	IL20130238385	20131025	IN04342DN2015 A	20160831	IN2015DN04342	20150520	JP2016500618 T2	20160114	JP20150539877T	20131025	JP2018140841 A2	20180913	JP20180089564	20180507	JP6336995 B2	20180613	JP20150539877T	20131025	MX2015005310 A1	20160607	MX20150005310	20131025	NZ707683 A	20171222	NZ20130707683	20131025	PL2911947 T3	20180831	PL20130795023T	20131025	SG11201503075S A1	20150528	SG20151103075	20131025	US2014185962 AA	20140703	US20130064108	20131025	US2014301674 AA	20141009	US20140194644	20140228	US2014307985 AA	20141016	US20140251515	20140411	US2014328552 AA	20141106	US20140333420	20140716	US2015001234 AA	20150101	US20130064083	20131025	US9745104 BB	20170829	US20140251515	20140411	US9850036 BB	20171226	US20130064108	20131025	WO14066867 A1	20140501	WO2013US66985	20131025
Publication number	Publication date	Application number	Application date																																																																																																																											
AU2013334078 AA	20140501	AU20130334078	20131025																																																																																																																											
AU2013334078 BB	20180222	AU20130334078	20131025																																																																																																																											
AU2018203519 AA	20180607	AU20180203519	20180518																																																																																																																											
BR112015009254 A2	20170704	BR20151109254	20131025																																																																																																																											
CA2888741 AA	20150417	CA20132888741	20131025																																																																																																																											
CL2015001082 A1	20150904	CL20150001082	20150424																																																																																																																											
CN105026282 A	20151104	CN201380068596	20131025																																																																																																																											
CN105026282 B	20180814	CN201380068596	20131025																																																																																																																											
DE602013034456 D1	20180405	DE201360034456T	20131025																																																																																																																											
EP2911947 A1	20150902	EP20130795023	20131025																																																																																																																											
EP2911947 B1	20180314	EP20130795023	20131025																																																																																																																											
EP3375728 A2	20180919	EP20180161260	20131025																																																																																																																											
IL238385 A0	20150630	IL20130238385	20131025																																																																																																																											
IN04342DN2015 A	20160831	IN2015DN04342	20150520																																																																																																																											
JP2016500618 T2	20160114	JP20150539877T	20131025																																																																																																																											
JP2018140841 A2	20180913	JP20180089564	20180507																																																																																																																											
JP6336995 B2	20180613	JP20150539877T	20131025																																																																																																																											
MX2015005310 A1	20160607	MX20150005310	20131025																																																																																																																											
NZ707683 A	20171222	NZ20130707683	20131025																																																																																																																											
PL2911947 T3	20180831	PL20130795023T	20131025																																																																																																																											
SG11201503075S A1	20150528	SG20151103075	20131025																																																																																																																											
US2014185962 AA	20140703	US20130064108	20131025																																																																																																																											
US2014301674 AA	20141009	US20140194644	20140228																																																																																																																											
US2014307985 AA	20141016	US20140251515	20140411																																																																																																																											
US2014328552 AA	20141106	US20140333420	20140716																																																																																																																											
US2015001234 AA	20150101	US20130064083	20131025																																																																																																																											
US9745104 BB	20170829	US20140251515	20140411																																																																																																																											
US9850036 BB	20171226	US20130064108	20131025																																																																																																																											
WO14066867 A1	20140501	WO2013US66985	20131025																																																																																																																											
Probable Assignee:	PRIMAPAK LLC																																																																																																																													
Assignee(s):(std):	CLEAR LAM PACKAGING INC ; FOROWYCZ ROMAN ; GEORGELOS PAUL ; MONTEFUSCO PAT ; SANFILIPPO JAMES J ; SPEER ROY ; SORIA FRANCISCO JAVIER ; SANFILIPPO JOHN E ; SKAGGS JEANNE M ; RADENOVIC MILORAD ; PRIMAPAK LLC ; WYSLITSKY BOHDAN																																																																																																																													
Assignee(s):	PRIMAPAK LLC ELGIN																																																																																																																													
Inventor(s):(std):	BOHDAN WYSLITSKY ; FOROWYCZ ROMAN ; FOROWYCZ ROMAN ; JAMES J SANFILIPPO ; JEANNE M SKAGGS ; JOHN E SANFILIPPO ; MILORAD RADENOVIC ; MONTEFUSCO PAT ; PAT MONTEFUSCO ; PAUL GEORGELOS ; RADENOVIC MILORAD ; ROMAN FOROWYCZ ; ROY SPEER ; SANFILIPPO JAMES ; SANFILIPPO JAMES J ; FRANCISCO JAVIER SORIA ; GEORGELOS PAUL ; SANFILIPPO JOHN ; SANFILIPPO JOHN E ; SKAGGS JEANNE ; SKAGGS JEANNE M ; SORIA FRANCISCO JAVIER ; SPEER ROY ; WYSLITSKY BOHDAN																																																																																																																													
Inventor(s):	WYSLITSKY BOHDAN ALGONQUIN ; SPEER ROY BARRINGTON HILLS ; SORIA FRANCISCO JAVIER WEST CHICAGO ; SKAGGS JEANNE M ARLINGTON HEIGHTS ; SANFILIPPO JOHN E ELK GROVE VILLAGE ; GEORGELOS PAUL NAPERVILLE ; SANFILIPPO JAMES J BARRINGTON HILLS ; RADENOVIC MILORAD CHICAGO ; MONTEFUSCO PAT GENOA ; FOROWYCZ ROMAN LAKE FOREST																																																																																																																													
Agent(s):	GRIFFITH HACK; SMART AND BIGGAR; JOHANSSON AND LANGLOIS LTDA; PATENT U RECHTSANWAELTE LOESENBECK SPECHT DANTZ; FORSYTH HELEN JANE; AXIS PATENT INT; MARSHALL GERSTEIN AND BORUN LLP; BURNETTE JENNIFER																																																																																																																													
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																																																																																																																													
International class (IPC 8-9):	B31B1/08 B31B37/00 B31B50/00 B65B61/18 B65B9/067 B65B9/10 B65B9/22 B65D B65D30/24 B65D30/26 B65D33/00 B65D33/16 B65D43/02 B65D43/22 B65D65/26 B65D75/58 (Advanced/Invention); B65D33/16 (Advanced/Non-invention); B65D (Subclass/Invention)																																																																																																																													
CPC:	B65D33/16 Y10T29/49826 B65B9/22 B65B61/184 B31B2155/00 B31B2160/20 B31B37/00 B31B70/00 B31B70/60 B65D75/5877 B29C51/18 B29L2031/565 B31B50/8144 B65D75/5838 B65D2575/586 B65D5/4266																																																																																																																													
US class:	220/834 220/837 29/428 383/104 383/105 383/109 383/210 383/42 383/6 383/84 493/243																																																																																																																													
Classification Explorer																																																																																																																														
Cited documents:	WO9411270 A1, WO8606344 A1, WO09061959 A1, WO07058689 A1, WO06091821 A2, WO04110885 A1, WO04024588 A1, WO02085726 A1, WO0012407 A1, USRE39505 E, USD696107 S1, USD689767 S1, USD686181 S1, USD682244 S1, USD676014 S1, USD671000 S1, USD648302 S1, USD637577 S1, USD629296 S1, USD608193 S1, USD593369 S1, USD591555 S1, USD571197 S1, USD571146 S1, USD569719 S1, USD552468 S1, USD551508 S1, USD548080 S1, USD545186 S1, USD544762 S1, USD536608 S1, USD531894 S1, USD528010 S1, USD514439 S1, USD513870 S1, USD504622 S1, USD503336 S1, USD502095 S1, USD501134 S1, USD489530 S1, USD487192 S1, USD485461 S1, USD473461 S1, USD471804 S1, USD466807 S1, USD464894 S1, USD464884 S1, USD463276 S1, USD461403 S1, USD452374 S1, USD450960 S1, USD446014 S1, USD437686 S1, USD431464 S1, USD427056 S1, USD421902 S1, USD421901 S1, USD412439 S1, USD409484 S1, USD398844 S1, USD398526 S1, USD395952 S1, USD394606 S1, USD386001 S1, USD374774 S1, USD364563 S1, USD354436 S1, USD351090 S1, USD332399 S1, USD315099 S1, USD304016 S1, USD297214 S1, USD286745 S1, USD266049 S1, USD265777 S1, US8951591 BB, US8746483 BB, US8602244 BB,																																																																																																																													

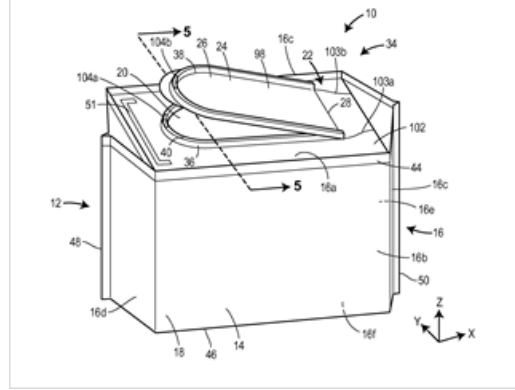
US8602242 BB, US8523441 BB, US8308363 BB, US8276353 BB, US8245865 BB, US8231024 BB, US8182891 BB, US8132395 BB, US8114451 BB, US8074803 BB, US8066137 BB, US8038349 BB, US8006833 BB, US7993256 BB, US7780006 BB, US7744517 BB, US7717620 BB, US7681732 BB, US7665895 BB, US7665629 BB, US7475781 BB, US7371008 BB, US7350688 BB, US7344744 BB, US7299608 BB, US724316 A, US7213710 BB, US7207717 BB, US7205016 BB, US7156556 BB, US7153026 BB, US7128200 BB, US7108441 BB, US7080726 BB, US7077259 BB, US7059466 BB, US7051877 BB, US6986920 BB, US6953069 BB, US6935086 BB, US6918532 BB, US6913389 BB, US6886313 BB, US6845602 BB, US6820391 BB, US6817160 BB, US6783277 BB, US6761279 BA, US6755927 BB, US6746388 BB, US6736309 BA, US6729112 BB, US6719678 BA, US6719140 BA, US6702109 BA, US6695757 BB, US6679034 BB, US6659645 BA, US6615567 BB, US6589622 BA, US6568150 BB, US6533456 BA, US6513308 BA, US6510673 BA, US6502986 BA, US6488556 BB, US6481183 BA, US6446796 BA, US6431434 BA, US6430899 BA, US6428867 BA, US6423356 BB, US6420006 BA, US6412634 BA, US6361212 BA, US6354062 BA, US6350057 BA, US6325239 BB, US6319184 BA, US6309105 BA, US6274181 BA, US6273610 BA, US6261215 BA, US6254907 BA, US6253993 BA, US6250048 BA, US6245367 BA, US6234676 BA, US6231237 BA, US6229061 BA, US6229061 B1, US6182887 BA, US6149304 A, US6139662 A, US6137098 A, US6132351 A, US6120183 A, US6113271 A, US6088998 A, US6060096 A, US6056141 A, US6038839 A, US6036365 A, US6026953 A, US6023914 A, US6021624 A, US6005234 A, US5996797 A, US5996797, US5993593 A, US5983594 A, US5972396 A, US5944425 A, US5937615 A, US5908246 A, US5897050 A, US5882789 A, US5882749 A, US5862652 A, US5858543 A, US5857613 A, US5842790 A, US5832701 A, US5826401 A, US5820017 A, US5818016 A, US5799863 A, US5791465 A, US5789049 A, US5788378 A, US5788121 A, US5785179 A, US5772332 A, US5770839 A, US5749512 A, US5704541 A, US5704480 A, US5687848 A, US5655706 A, US5613608 A, US5611452 A, US5577612 A, US5561966 A, US5556026 A, US5545420 A, US5542902 A, US5505305 A, US5505040 A, US55498080 A, US5484101 A, US5463851 A, US5417035 A, US5366104 A, US5356089 A, US5353946 A, US5352466 A, US5350240 A, US5255497 A, US5254073 A, US5251809 A, US5215380 A, US5205651 A, US5195829 A, US5158499 A, US5158371 A, US5127208 A, US5092831 A, US5080643 A, US5078509 A, US5065887 A, US5062527 A, US5059036 A, US5046300 A, US5044777 A, US5036997 A, US5031826 A, US4997416 A, US4986054 A, US4954124 A, US4909017 A, US4886373 A, US4881360 A, US4851246 A, US4848575 A, US4840270 A, US4837849 A, US4811848 A, US4808421 A, US4804137 A, US4798295 A, US4790436 A, US4786192 A, US4738365 A, US4696404 A, US4687104 A, US4679701 A, US4679693 A, US4674129 A, US4663915 A, US4651874 A, US4621000 A, US4589145 A, US4576309 A, US4554190 A, US4552269 A, US4531668 A, US4442656 A, US4441648 A, US4420080 A, US4367842 A, US4361266 A, US4353497 A, US4345393 A, US4345133 A, US4338766 A, US4308679 A, US4291826 A, US4260061 A, US4197949 A, US4192420 A, US4185754 A, US4129976 A, US4101051 A, US4082216 A, US4082214 A, US4069348 A, US4041851 A, US4004398 A, US3980225 A, US3968921 A, US3940054 A, US3935993 A, US3917158 A, US3838787 A, US3785112 A, US3739977 A, US3738567 A, US3621637 A, US3604491 A, US3599387 A, US3562392 A, US3521807 A, US3515270 A, US3505779 A, US3462067 A, US3437258 A, US3434652 A, US3426499 A, US3423007 A, US3380646 A, US3373917 A, US3349959 A, US3339721 A, US3326097 A, US3325077 A, US3318204 A, US3314591 A, US3299611 A, US3275214 A, US3272423 A, US3259507 A, US3259303 A, US3249286 A, US3235168 A, US3228587 A, US3228584 A, US3206094 A, US3185379 A, US3172769 A, US3155304 A, US3143276 A, US3127082 A, US3125275 A, US3116153 A, US3111223 A, US3093292 A, US3091902 A, US3054550 A, US3006257 A, US2970735 A, US2936940 A, US2864710 A, US2823795 A, US2819831 A, US2787410 A, US2758775 A, US2750093 A, US2749245 A, US2737338 A, US2719663 A, US2695847 A, US2684807 A, US2619226 A, US2524766 A, US2508962 A, US2495807 A, US2416332 A, US2385898 A, US2365159 A, US2352766 A, US2339156 A, US2330015 A, US2328579 A, US2311857 A, US2291063 A, US2260064 A, US2259866 A, US2251283 A, US2239398 A, US2180841 A, US2153310 A, US2113431 A, US2106907 A, US2092858 A, US2048122 A, US2041227 A, US2017176 A, US2015001234 AA, US2014328552 AA, US2014307985 AA, US2014301674 AA, US2014196406 AA, US2014185962 AA, US2014109522 AA, US2014102936 AA, US2014083897 AA, US2013266244 AA, US2013114918 AA, US2013011527 AA, US2013004626 AA, US2012321229 AA, US2012312868 AA, US2012275727 AA, US2012177307 AA, US2012128835 AA, US2012125937 AA, US2012008884 AA, US2011297690 AA, US2011058755 AA, US2010278454 AA, US2010154264 AA, US2010140129 AA, US2010113240 AA, US2010092112 AA, US2010040311 AA, US2010002963 AA, US2009273179 AA, US2009232425 AA, US2009120828 AA, US2009039078 AA, US2008247686 AA, US2008053860 AA, US2007151887 AA, US2007084142 AA, US2007082096 AA, US2007080078 AA, US2006285777 AA, US2006283750 AA, US2006210202 AA, US2006169691 AA, US2006126970 AA, US2006113212 AA, US2006080944 AA, US2006076352 AA, US2006016865 AA, US2006006049 AA, US2005284776 AA, US2005276525 AA, US2005265636 AA, US2005238766 AA, US2005208188 AA, US2005189367 AA, US2005150785 AA, US2005139645 AA, US2005084186 AA, US2005069230 AA, US2005069227 AA, US2005053315 AA, US2005031233 AA, US2005011906 AA, US2004262322 AA, US2004251163 AA, US2004232029 AA, US2004226849 AA, US2004226625 AA, US2004188457 AA, US2004185156 AA, US2004185155 AA, US2004185154 AA, US2004146602 AA, US2004141664 AA, US2004120611 AA, US2004114838 AA, US2004105600 AA, US2004099570 AA, US2004089578 AA, US2004081729 AA, US2004058103 AA, US2004040261 AA, US2004031244 AA, US2004025476 AA, US2003230504 AA, US2003185948 AA, US2003185937 AA, US2003175392 AA, US2003170359 AA, US2003170357 AA, US2003165602 AA, US2003152679 AA, US2003113042 AA, US2003111523 AA, US2003100424 AA, US2003085265 AA, US2003063820 AA, US2003059130 AA, US2003054929 AA, US2003041564 AA, US2003001002 AA, US2002147088 AA, US2002144998 AA, US2002118896 AA, US2002112982 AA, US2002094922 AA, US2002090879 AA, US2002009575 AA, US2001010253 AA, US2001005979 AA, US1930285 A, US1747618 A, US1395229 A, US1389197 A, US1102750 A, JP9142551 A2, JP2005320032 A2, JP1267182 A2, JP1226579 A2, JP1167084 A2, JP10203560, IT1274100 A, GB2399331 A1, FREP2347971, FR2772009 A1, FR2766794 A1, EP2347971 A1, EP1749756 A2, EP1637472 A1, EP1508531 A1, EP1437311 A1, EP1106508 A1, EP0879767 A1,

DE102010019867 A1

Forward Citations: USD778721, USD777026, USD766082, USD764914, USD761651, US9902517, US9850036, US9840346, US9745104, US9162786, US2017122663, US2015060458, US2014328552, US2014301674, US10041730, US10023337,

Abstract:

A flexible, stackable, recloseable container for storing a quantity of products comprising a plurality of walls defined by a first sheet and a second sheet attached to at least a portion of the first sheet. The second sheet extends over at least three of the walls. The opposing container walls each have a sealed portion and one or more tucks, the tucks comprising a portion of the first sheet tucked toward the interior volume. A portion of the second sheet defines a recloseable feature located over an opening for reclosing the container. The second sheet includes a line of reduced strength at or adjacent at least a boundary adjacent the tucks and disposed between the opposing container walls each having the sealed portion and an adjacent container wall. The second sheet can include a hinge about which the recloseable feature pivots from closed position to open position.



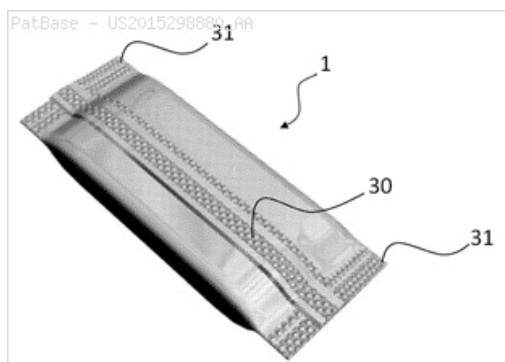
Title: RECLOSABLE PACKAGE
Priority: EP20120190488 20121030 EP20130724839 20130524 WO2013EP60703 20130524
Family:

Publication number	Publication date	Application number	Application date
AU2013339800 AA	20140508	AU20130339800	20130524
AU2013339800 BB	20161215	AU20130339800	20130524
BR112015009670 A2	20170704	BR20151109670	20130524
DE602013009608 D1	20160825	DE201360009608T	20130524
EP2914509 A1	20150909	EP20130724839	20130524
EP2914509 B1	20160720	EP20130724839	20130524
ES2598124 T3	20170125	ES20130724839T	20130524
PL2914509 T3	20170228	PL20130724839T	20130524
RU20151119829 A	20161220	RU20150119829	20130524
RU2619034 C2	20170511	RU20150119829	20130524
TR201614611 T4	20161121	TR20160014611T	20130524
UA113456 C2	20170125	UA20150005172	20130524
US2015298880 AA	20151022	US20130439490	20130524
US9434523 BB	20160906	US20130439490	20130524
WO14067673 A1	20140508	WO2013EP60703	20130524

Probable Assignee: AMCOR FLEXIBLES
Assignee(s):(std): AMCOR FLEXIBLES ; AMKOR FLEKSIBLS
Inventor(s):(std): GICEWICZ JAN ; GITSEVICH YAN ; JAN GICEWICZ
Agent(s): HALFORDS IP; PRONOVEM OFFICE VAN MALDEREN SA; PRONOVEM; LEHMANN MARIA ISABEL; TOLGA CAYLAK; REINHART BOERNER VAN DEUREN PC; ASSOCIATION OF REPRESENTATIVES PRONOVEM
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9): B65D65/14 B65D75/20 B65D75/58 (Advanced/Invention)
CPC: B65D75/58 B65D75/20 B65D65/14 B65D2575/586 B65D75/5855 B65D75/14
US class: 1/1 206/484
[Classification Explorer](#)
Cited documents: US5885673 A, US4428477 A, US4252238 A, US3595468 A, GB2337243 A1, EP1939106 B1, DE2658631 A1,
Forward Citations: WO17077194,

Abstract:

The present invention is related to a reclosable flow pack comprising one or more fm seal(s) (30) and one or more cross-seal(s) (31), said flow pack comprising a cold-seal adhesive pattern (11, 301, 302, 401, 402) forming a seal between a first (3) and a second (4) sealing portion, the cold-seal adhesive pattern (301, 401) of the first portion being only partly in register with the cold-seal adhesive pattern (302, 402) of the second portion, the bonding force of the cold-seal adhesive to the first (3) and the second (4) sealing portions being lower than the bonding force within the cold-seal adhesive on the portions in register (7, 100, 101), so that the cold-seal adhesive on the portions of the cold-seal adhesive patterns in register is separated from the first or from the second sealing portion when the seal is opened.

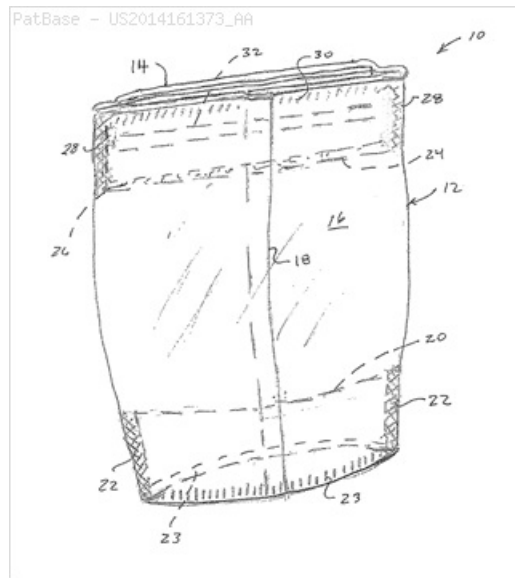


Title: BOTTOM-GUSSETED PACKAGE AND METHOD**Priority:** US20120734114P 20121206 US20130034154 20130923 US20140266477 20140430
WO2014US56729 20140922 US20150815610 20150731

Family:	Publication number	Publication date	Application number	Application date
	AU2014321228 AA	20150326	AU20140321228	20140922
	AU2014321228 BB	20180308	AU20140321228	20140922
	BR112016006331 A2	20170801	BR20161106331	20140922
	CA2924351 AA	20160314	CA20142924351	20140922
	CN105658532 A	20160608	CN201480058139	20140922
	DE202014009871 U1	20150305	DE201420009871U	20140922
	EP3049344 A1	20160803	EP20140846371	20140922
	EP3049344 A4	20170906	EP20140846371	20140922
	IN201647009757 A	20160805	IN201647009757	20160321
	JP2016533932 T2	20161104	JP20160544044T	20140922
	MX2016003682 A1	20160516	MX20160003682	20140922
	US2014161373 AA	20140612	US20130034154	20130923
	US2014294326 AA	20141002	US20140266477	20140430
	US2016194116 AA	20160707	US20150815610	20150731
	US9126383 BB	20150908	US20140266477	20140430
	US9272481 BB	20160301	US20130034154	20130923
	WO15042505 A1	20150326	WO2014US56729	20140922
	ZA201601921 A	20170628	ZA20160001921	20160318

Probable Assignee: INNOFLEX INC**Assignee(s):(std):** INNOFLEX INC**Assignee(s):** YEAGER JAMES W**Inventor(s):(std):** 0864623 JAMES W YEAGER ; YEAGER JAMES W**Inventor(s):** JAMES W YEAGER**Agent(s):** SPRUSON AND FERGUSON; FINLAYSON AND SINGLEHURST; ALGEMEEN OCTROOI EN MERKENBUREAU BV; WOOD PHILLIPS KATZ CLARK AND MORTIMER; GEIMER STEPHEN D ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class (IPC 8-9):** B31B1/00 B31B1/02 B31B1/16 B31B1/26 B31B1/64 B31B29/00 B31B29/02 B31B29/26 B31B29/60 B31B29/74 B31B37/00 B31B37/26 B31B37/74 B31B70/84 B65B61/18 B65B9/20 B65B9/213 B65C7/00 B65D B65D30/16 B65D30/20 B65D33/25 B65D47/00 B65D75/58 (Advanced/Invention); B31B155/00 B31B160/20 B31B70/14 B31B70/26 B31B70/64 B65D33/18 B65D75/00 (Advanced/Non-invention)**CPC:** B65D33/18 B65D33/2525 B65D75/008 B65B9/2056 B65B9/213 B65B61/188 B65D75/5883 B65D33/24 B65D2575/586 B65D33/2533 B31B70/008 B31B70/642 B31B70/8133 B31B2155/00 B31B2155/0012 B31B2160/20 B31B70/60 B31B2155/002 B31B70/84 B31B2150/002 B65D31/10 B31B70/00**US class:** 1/1 383/120 383/121 383/42 493/194 493/214 493/220 493/224 493/227[Classification Explorer](#)**Cited documents:** WO12099197 A1, US9050770 BA, US8616768 BB, US8414465 BB, US8182407 BB, US7775957 BB, US7331917 BB, US6971794 BB, US6928791 BB, US6783276 BB, US6719678 BA, US6634158 BA, US6517660 BB, US6425847 BA, US6367975 BA, US6328683 BA, US6286191 BB, US5902047 A, US5826401 A, US5437406 A, US5236531 A, US4913693 A, US4909017 A, US4651504 A, US4617683 A, US4266469 A, US4264317 A, US4055109 A, US3688650 A, US2011019943 AA, US2007230834 AA, US2007092166 AA, US2005178087 AA, US2004258332 AA, US2003104914 AA, TW201247490 A, JP57044536 B4, JP2102152901 A2, JP2012152901 A2, JP2010105741 A2, JP2004292028 A2, JP2004203393 A2, JP2004161288 A2, CN1606522 A, CN101374435 A,**Forward Citations:** WO17091504, WO16040240, US9745102, US2015125095, EP3191295, CN107107521,**Abstract:**

A bottom-gusseted package comprises a package body, and a bottom gusset positioned transversely of a longitudinal axis of the package body. A top sleeve portion of the package body can be configured to include a recloseable fastener, a dispensing spout, or an upper package seal. Formation of the bottom-gusseted package is effected by positioning individual sleeves transversely of the longitudinal axis of a flexible web which forms the package body. During package formation, the flexible web is cut to form individual packages, and each individual sleeve can be cut to form a bottom gusset in one package, and a top sleeve portion in an adjacent package.



Title:

PACKAGING PAPER FOR SANITARY PAD AND PACKAGING METHOD USING THE SAME

Priority:

KR20130007793 20130124

Family:

Publication number	Publication date	Application number	Application date
 KR20140095398 A	20140801	KR20130012030	20130201

Probable Assignee:

KWON HEE SOO

Assignee(s):(std):

KWON HEE SOO

Inventor(s):(std):

KWON HEE SOO

International class

A61F13/472 A61F13/551 A61F13/84 B65D85/07 B65D85/16 (Advanced/Invention)

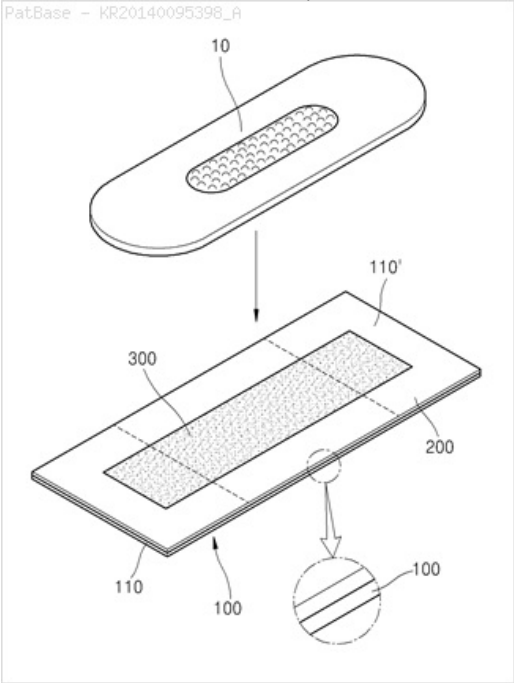
(IPC 8-9):

CPC:

A61F13/551 A61F13/472 A61F13/5515 A61F13/84 A61F2013/8402 B65D85/16 A61F13/5514

[Classification Explorer](#)

Abstract:
Sanitary pad packaging paper according to the present invention includes paper in which a sanitary pad is formed to be capable of being attached to an inner surface; a resin layer that is coated onto the inner surface of the paper and seals an open end portion on an edge side of the paper through thermal bonding in a state where cut end portions on both sides of the paper are folded in a corresponding direction; and a silicone layer that is coated onto one surface of the resin layer. A packaging method using sanitary pad packaging paper according to the present invention includes a primary coating step in which a resin layer is formed in an inner surface of paper with length; a secondary coating step in which a silicone layer is formed on one surface of the resin layer; a printing step in which a pattern is printed on an outer surface of the paper by using ink; an application step in which an adhesive layer is formed on one surface of the silicone layer; an attachment step in which the sanitary pad is positioned in the inner surface of the paper by attaching an outer surface of the sanitary pad to one surface of the adhesive layer; a folding step in which a longitudinal direction of the paper is cut into multiple stages and then the cut end portions on both sides of the paper and both ends of the sanitary pad are folded in a corresponding direction; a sealing step in which the cut end portions and both vertical-direction ends are sealed and the open end portion on the edge side of the paper is sealed through thermal bonding of the resin layer; and a taping step in which a connection tape is attached to outer surfaces of the cut end portions.



Title: PACKAGES HAVING SEPARABLE SEALING FEATURES AND METHODS OF MANUFACTURING

Priority: US20130765633P 20130215 US20130791719P 20130315 US20130880097P 20130919
US20130915966P 20131213 CN201480002408 20140214 EP20140707576 20140214
RU20150107034 20140214 JP20150534839T 20140214 WO2014US16366 20140214
US20140424409 20140214

Family:	Publication number	Publication date	Application number	Application date
	AU2014216152 AA	20140821	AU20140216152	20140214
	BR112015004562 A2	20170704	BR20151104562	20140214
	CN104661928 A	20150527	CN201480002408	20140214
	CN104661928 B	20170815	CN201480002408	20140214
	CN107594059 A	20180119	CN201710703702	20140214
	DE602014009283 D1	20170622	DE201460009283T	20140214
	EP2882664 A1	20150617	EP20140707576	20140214
	EP2882664 B1	20170503	EP20140707576	20140214
	EP3202683 A1	20170809	EP20170163086	20140214
	ES2632466 T3	20170913	ES20140707576T	20140214
	IN01247CN2015 A	20160701	IN2015CN01247	20150302
	JP2015533740 T2	20151126	JP20150534839T	20140214
	JP2018090328 A2	20180614	JP20180020916	20180208
	JP6290902 B2	20180307	JP20150534839T	20140214
	MX2015002753 A1	20150515	MX20150002753	20140214
	MX354528 B	20180307	MX20150002753	20140214
	PL2882664 T3	20170929	PL20140707576T	20140214
	RU2015107034 A	20160920	RU20150107034	20140214
	RU2015107034 A3	20180212	RU20150107034	20140214
	RU2653788 C2	20180514	RU20150107034	20140214
	US2015225158 AA	20150813	US20140424409	20140214
	WO14127188 A1	20140821	WO2014US16366	20140214

Probable Assignee: INTERCONTINENTAL GREAT BRANDS LLC

Assignee(s):(std): INTERCONTINENTAL GREAT BRANDS LLC ; INTERKONTINENTAL GREJT BRENDLS LLK

Assignee(s): INTERCONTINENTAL GREAT BRANDS LLC EAST HANOVER

Inventor(s):(std): BKHATNAGAR VINAJ ; DEBORAH A LYZENG A ; EKSNER RONALD KH ; EXNER RONALD H ; JEFFREY T WEBER ; LEONARD S SCAROLA ; LIZENG A DEBORA A ; LYZENG A DEBORAH A ; BHATNAGAR VINAY ; RONALD H EXNER ; SCAROLA LEONARD S ; SKAROLA LEONARD S ; VEBER DEFREJ T ; VINAY BHATNAGAR ; WEBER JEFFREY T

Inventor(s): WEBER JEFFREY T LAKE ZURICH ; SCAROLA LEONARD S CARY ; BHATNAGAR VINAY EDISON ; LYZENG A DEBORAH A LONG VALLEY

Agent(s): GRIFFITH HACK ; BOULT WADE TENNANT ; DEL VALLE SONIA ; NSZAKHAROVJ ; KRATZ RUDY ET AL

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

International class (IPC 8-9): A23G7/00 B65B25/00 B65B5/02 B65B61/02 B65B61/20 B65B7/08 B65B9/00 B65B9/06 B65D30/22 B65D65/14 B65D75/20 B65D75/42 B65D75/52 B65D75/58 B65D85/60 (Advanced/Invention)

CPC: B65D75/58 B65D65/14 B65D75/42 B65B5/022 B65B7/08 B65D75/527 B65D2575/586 B65D75/52 B65B9/06 B65B25/005 B65B61/02 B65B61/20 B65B2230/02 B65D75/20 B65D75/5833 B65D75/585 B65D75/5855 B65D85/60

US class: 206/476 206/484 53/456

[Classification Explorer](#)

Cited documents: WO09103296 A1, WO08153953 A1, WO08153953, WO08029332 A2, WO0239943 A2, US8784916 BB, US8534538 BB, US8152037 BB, US7121064 BB, US6547113 BA, US5881538 A, US3623653 A, US2959338 A, US2813602 A, US2197845 A, US2197845, US2014084046 AA, US2005252817 AA, US1875197 A, US1842727 A, JP56004427 U, JP56004427 U, JP5193688 A2, JP5193688, JP3035855 U, JP3035855 U, JP2011234944 A2, JP2011234944, JP2008050019 A2, JP2008050019, JP10152179, JP10152179, JP10147365, JP10147365, EP1777160 A2, EP1547936 A1, EP1547936, EP1367005 A1, EP1367005, EP0162291 A1, DE29917001 U1,

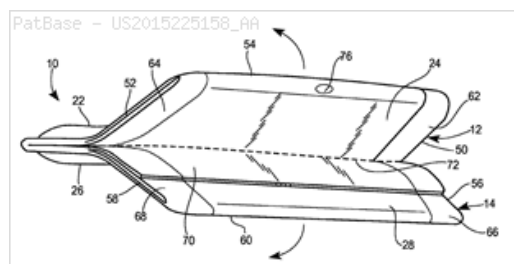
DE202006007101 U1

DE202006007101 U, DE202006007101 U, CN102665625 A,

Forward Citations: WO17004163, US2017055959, US10034660, US10017310, GB2554675,

Abstract:

A package includes a first pouch and either a second pouch or a cover, where the pouches are configured to contain a product, such as a food product, and attached relative to each other about a hinge. The package includes at least one closure flap. The first and second pouches or first pouch and cover are movable about the hinge from a closed position where access is at least partially blocked by the closure flap toward an open position where the closure flap is separated to allow greater access. Methods of manufacturing such packages are also provided.



Title:

POINT OF SALE ENVELOPES AND METHODS OF MANUFACTURING THE SAME

Priority:

US20130836771 20130315

Family:

	Publication number	Publication date	Application number	Application date
	US2014274635 AA	20140918	US20130836771	20130315
	US9738419 BB	20170822	US20130836771	20130315

Probable Assignee:

RR DONNELLY AND SONS

Assignee(s):(std):

DONNELLEY AND SONS CO ; DONNELLY R R AND SONS

Assignee(s):

R R DONNELLEY AND SONS CO ; R R DONNELLY AND SONS CO ; RR DONNELLY AND SONS ; RR DONNELLEY AND SONS CO

Inventor(s):(std):

REINHOLTZ JUDITH L

Agent(s):

HANLEY FLIGHT AND ZIMMERMAN LLC

International class (IPC 8-9):

B31B1/60 B31B21/00 B65D27/08 B65D27/14 (Advanced/Invention); B31B21/00 (Advanced/Non-invention)

CPC:

B65D27/14 B65D27/08 B31B70/82 B31B2160/10 B31B21/00 B31B2219/9038 B31B70/00 B31B2150/00

US class:

493/220

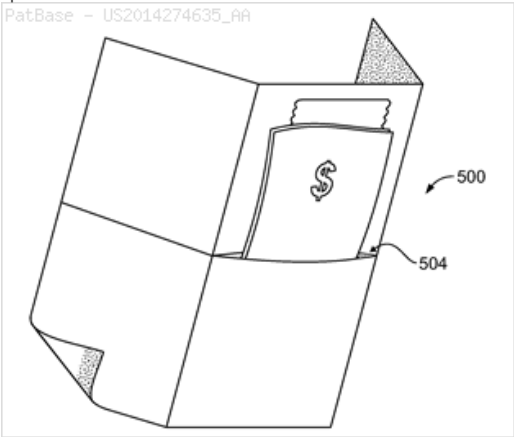
[Classification Explorer](#)

Cited documents:

US6893387 BA, US6478723 BA, US6457863 BA, US6398024 BB, US6186320 BA, US5421620 A, US5411201 A, US5405076 A, US4836382 A, US4801076 A, US4577889 A, US3979051 A, US3525470 A, US3372858 A, US3194482 A, US3186629 A, US2770412 A, US2644634 A, US2354820 A, US1782884 A, US1350928 A,

Abstract:

Point of sale envelopes and methods of producing the same are disclosed herein. An example method includes moving a substrate in a direction. The substrate includes a first side opposite a second side. The method includes applying adhesive to the second side of a first portion and a second portion of a first panel of the substrate. The first portion is spaced apart from the second portion. The method includes folding the first panel about a first fold line to couple the first panel to a second panel of the substrate and forming an opening to a pocket in the first panel. The pocket is defined by the second panel and a third portion of the first panel. The third portion is positioned between the first and second portions.



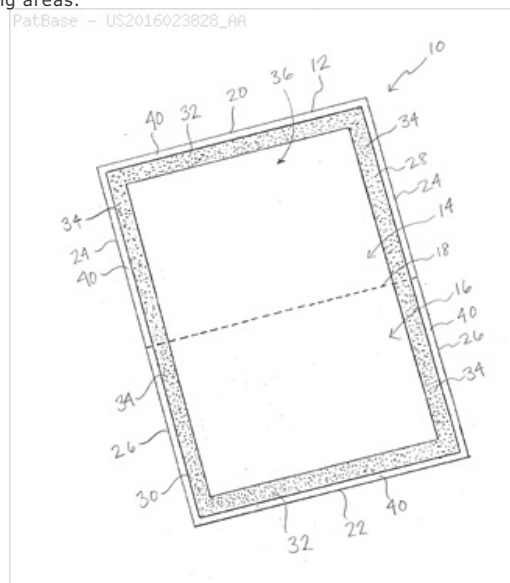
Title:	SHEET MATERIAL CAPABLE OF BEING FORMED INTO A RESEALABLE PACKAGE			
Priority:	US20130794029P 20130315	US20140775951 20140306	WO2014US21018 20140306	
Family:	Publication number	Publication date	Application number	Application date

Publication number	Publication date	Application number	Application date
AR095515 AA	20151021	AR2014P101123	20140314
BR112015021013 A2	20170718	BR20151121013	20140306
CA2900414 AA	20150805	CA20142900414	20140306
CN105121295 A	20151202	CN201480012176	20140306
CN105121295 B	20180622	CN201480012176	20140306
EP2969834 A1	20160120	EP20140712493	20140306
IN05450CN2015 A	20160701	IN2015CN05450	20150908
MX2015011862 A1	20160125	MX20150011862	20140306
RU2616855 C1	20170418	RU20150132838	20140306
US2016023828 AA	20160128	US20140775951	20140306
WO14149815 A1	20140925	WO2014US21018	20140306

Probable Assignee:	INTERCONTINENTAL GREAT BRANDS LLC
Assignee(s):(std):	INTERCONTINENTAL GREAT BRANDS LLC ; INTERKONTINENTAL GREJT BRENDLS LK
Assignee(s):	ZERFAS PAUL A ; CLARK TERRY ANN ; GOODRICH MEGAN N
Inventor(s):(std):	CLARK TERRY ANN ; GOODRICH MEGAN N ; MEGAN N GOODRICH ; PAUL A ZERFAS ; TERRY ANN CLARK ; ZERFAS PAUL A ; ZERFAS POL A ; KLARK TERRI ENN ; GUDRICH MEGAN N
Agent(s):	GOWLING LAFLEUR HENDERSON LLP; BOULT WADE TENNANT; KRATZ RUDY ET AL
Designated states:	AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
International class (IPC 8-9):	B65D30/00 B65D33/18 B65D33/25 B65D65/14 B65D75/20 B65D75/58 B65D81/32 (Advanced/Invention)
CPC:	B65D81/3261 B65D75/20 B65D33/18 B65D2575/586 B65D31/005 B65D33/2508 B65D65/14 B65D75/5855 B65D75/58
US class:	383/210 383/37
Classification Explorer	
Cited documents:	US6010724 A, US5510124 A, US3122301 A, US2529060 A, US2013001283 AA, US201113035399, US2009321552 AA, US2009034885 AA, US2008240628 AA, US2008063325 AA, US2005051612 AA, US2005031233 AA, RU2007138871 A, GB960609 A, EP2141085 A1, EP1985551 A1, EP1132312 A2, EP0446005 A1, DE102005013585 A1 DE102004047445 A1 CN101031480 A,
Forward Citations:	EP3103735.

Abstract:

A package includes a sheet of flexible material that has a first configuration of a generally flat configuration and a second configuration of a folded and sealed configuration. In the flat configuration, both prior to and after sealing, a user can utilize the sheet as a working surface. The flexible material includes a foldable portion and sealing areas disposed on first and second package portions on opposite sides of the foldable portion. When a sealed package is desired, a user can fold the sheet generally about the foldable portion so that the sealing areas generally align with one another. The user can then compress the aligned and abutting sealing areas to ensure sealing. To access the sealed contents, a user can simply pull the folded flexible material portions generally apart from one another to separate the engaged sealing areas.



Title: METHOD AND DEVICE FOR PRODUCING SACKS FROM A FABRIC
Priority: AT20130000604 20130726 EP20140757826 20140725 WO2014AT00149 20140725
Family:

Publication number	Publication date	Application number	Application date
AT514545 A4	20150215	AT20130000604	20130726
AT514545 B1	20150215	AT20130000604	20130726
BR112016001731 A2	20170801	BR20161101731	20140725
CN105555493 A	20160504	CN201480052689	20140725
DE502014007947 D1	20180517	DE201450007947T	20140725
EP3024625 A1	20160601	EP20140757826	20140725
EP3024625 B1	20180411	EP20140757826	20140725
IN201637004742 A	20160701	IN201637004742	20160210
WO15010145 A1	20150129	WO2014AT00149	20140725

Probable Assignee: LOHIA CORP LTD
Assignee(s):(std): HERWIG WORFF ; LOHIA CORP LTD ; WORFF HERWIG ; WORFF HERWIG DIPL ING
Assignee(s): WORFF HERWIG DIPLING
Inventor(s):(std): HERWIG WORFF ; WORFF HERWIG ; WORFF HERWIG DIPL ING ; LOHIA CORP LTD
Inventor(s): WORFF HERWIG DIPLING
Agent(s): UEXKUELL AND STOLBERG PARTNERSCHAFT VON PATENT U RECHTSANWAELTEN MBB; KESCHMANN MARC
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
International class (IPC 8-9): B26D3/00 B31B1/16 B31B19/10 B31B23/00 B31B29/00 B31B37/00 (Advanced/Invention); B65H20/10 (Advanced/Non-invention)
CPC: B26D3/001 B65H20/10 B31B70/148 B31B70/261 B31B2150/00 B31B2150/001 B31B2150/0012 B31B2150/003 B31B2155/00 B31B2155/003 B31B2160/10 B31B2160/106 B31B2160/20 B31B70/00 B31B50/16 B31B70/10 B31B70/16 B31B70/262 B31B70/64

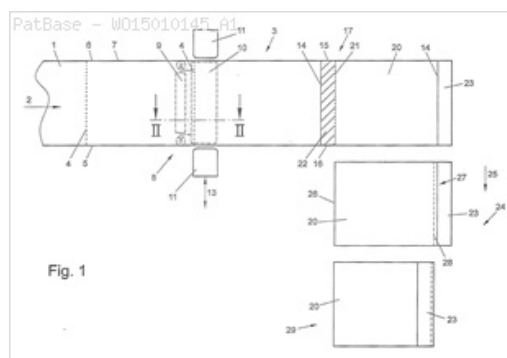
[Classification Explorer](#)

Cited documents: WO10086232 A1, WO09121838 A1, US4889523 A, US4151699 A, US3390617 A, US2012196731 AA, GB2150912 A1, EP1228857 A2, DE3716010 A1,
DE102009000454 A1

Forward Citations: CN1281787 A, CN102300702 A, CN102006991 A,
CN106457682,

Abstract:

The invention relates to a method for producing sacks from a fabric, wherein a flat fabric tube (1) is provided, which comprises a sack front wall (18) and a sack rear wall (19), which lie flat on each other, wherein the flat fabric tube (1) is fed to a cutting device, in which the fabric tube (1) is cut to length in order to obtain individual tube-shaped sack bodies (20), whereupon the tube-shaped sack bodies (20) are closed at at least one open end (27) by folding over an end section of the fabric, wherein the fabric tube (1) is cut to length in a longitudinal transport section (3), in which the fabric tube (1) or the tube-shaped sack bodies (20) are transported in the longitudinal direction (2) of the fabric tube (1), and the sack body (20) is preferably closed in a transverse transport step (24), in which the sack bodies (20) are transported in a transport direction (25) running transversely to the longitudinal direction thereof. The sack bodies (20) are closed by folding over a tab (23) formed from the sack rear wall (19) after the tab (23) has been exposed by cutting out a section (22) of the sack front wall (18) in the longitudinal transport section (3).



Title:
Priority:
Family:

FOLDING MODULE FOR A MACHINE FOR PRODUCING MAILING COVERS AND RESULTING MACHINE
FR20130060252 20131021 WO2014IB02170 20141020

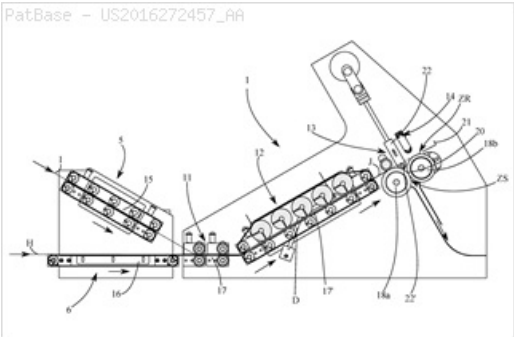
Publication number	Publication date	Application number	Application date
EP3060410 A1	20160831	EP20140809506	20141020
FR3012066 A1	20150424	FR20130060252	20131021
FR3012066 B1	20151127	FR20130060252	20131021
US2016272457 AA	20160922	US20140030935	20141020
WO15059543 A1	20150430	WO2014IB02170	20141020
WO15059543 A8	20150625	WO2014IB02170	20141020

Probable Assignee:
Assignee(s):(std):
Assignee(s):
Inventor(s):(std):
Inventor(s):
Agent(s):
Designated states:

ACTI MEDIAS
ACTI MEDIAS S A S ; ACTI MEDIAS SOC PAR ACTIONS SIMPLIFIEE ; NMC CO ; NMC CO S A S
ACTI MEDIAS ; NMC CO SAS ; ACTI MEDIAS SAS
DECK CHARLES ; FREBOURG THIERRY ; BLANC JULIEN ; PRENEL JEAN CLAUDE
THIERRY FREBOURG ; CHARLES DECK ; JEAN CLAUDE PRENEL ; JULIEN BLANC
KOELBEL CAROLINE; CABINET NITHARDT ET ASSOCIES; NITHARDT ROLAND
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

International class (IPC 8-9):
B31B1/56 B31B19/26 B31B21/00 B43M3/00 B43M3/04 B43M5/04 B65B63/04 B65H45/18 (Advanced/Invention)
CPC:
B43M3/00 B43M5/04 B65B63/04 B65H45/18 B65H2701/1916 B31B50/56 B31B70/00 B31B70/56 B31B70/62 B31B2150/00 B31B2160/10
US class:
53/117
[Classification Explorer](#)
Cited documents:
US4189895 A, US3193983 A, US2012260605 AA, EP0795507 A2, DD101875 Z,
Forward Citations:
CN106915654,

Abstract:
A folding module (13) intended for a machine (1) for producing mailing covers, comprising two counter-rotating folding rollers (18a, 18b) defining a zone (ZR) for receiving at least one envelope document, an entry zone (20) and an exit zone (ZS) from which the envelope document, folded according to a predefined folding line, exits. A pushing mechanism (22) is movable in translation perpendicularly to receiving zone (ZR) between a passive position and an active position in which the pushing mechanism (22) moves the envelope document from the receiving zone (ZR) into the entry zone (20). A pushing roller (22'), mounted free in rotation at the end of the pushing mechanism (22), accompanies, in the active position, the envelope document (4) without sliding until the envelope document enters into contact with one of folding rollers (18a, 18b) thus ensuring high folding accuracy.



Title: PACKAGING UNIT HAVING IMPROVED SEALING AND A METHOD OF FORMING A PACKAGING UNIT HAVING IMPROVED SEALING

Priority: AU20130403438 20131023 EP20130894060 20131023 WO2013SE51233 20131023
WO2014SE51215 20141014 US20160029411 20160414 US20160348606 20161110

Family:	Publication number	Publication date	Application number	Application date
	AU2013403438 A1	20150430	AU20130403438	20131023
	AU2013403438 AA	20150430	AU20130403438	20131023
	AU2013403438 BB	20170105	AU20130403438	20131023
	AU2014337744 AA	20150430	AU20140337744	20141014
	BR112016008068 A2	20170801	BR20161108068	20141014
	BR112016008263 A2	20170801	BR20161108263	20131023
	CN105658190 A	20160608	CN201380080432	20131023
	CN105682630 A	20160615	CN201480058135	20141014
	CO16118061 A2	20160920	CO20160118061	20160506
	DE602013033901 D1	20180329	DE201360033901T	20131023
	EP3060183 A1	20160831	EP20130894060	20131023
	EP3060183 A4	20170531	EP20130894060	20131023
	EP3060183 B1	20180228	EP20130894060	20131023
	EP3060185 A1	20160831	EP20140855109	20141014
	ES2668500 T3	20180518	ES20130894060T	20131023
	IN201617015605 A	20160831	IN201617015605	20160504
	JP2016539057 T2	20161215	JP20160526039T	20131023
	JP2016539680 T2	20161222	JP20160525989T	20141014
	JP6321793 B2	20180509	JP20160526039T	20131023
	MX2016005057 A1	20160719	MX20160005057	20141014
	MX2016005058 A1	20160719	MX20160005058	20131023
	PL3060183 T3	20180831	PL20130894060T	20131023
	RU2016119514 A	20171128	RU20160119514	20131023
	RU2651262 C2	20180418	RU20160119514	20131023
	TN2016000126 A1	20171006	TN20160000126	20131023
	TR201806406 T4	20180521	TR20180006406T	20131023
	US2016228309 AA	20160811	US20130029411	20131023
	US2016242971 AA	20160825	US20140029457	20141014
	US2017057719 AA	20170302	US20160348606	20161110
	US9545344 BB	20170117	US20130029411	20131023
	US9821940 BB	20171121	US20160348606	20161110
	WO15060755 A1	20150430	WO2013SE51233	20131023
	WO15060770 A1	20150430	WO2014SE51215	20141014

Probable Assignee: SCA HYGIENE PRODUCTS AB

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

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

Inventor(s):(std): EKSTEDT SOFIA ; EKSTEDT SOFIYA

Inventor(s): SOFIA EKSTEDT

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; ELZABURU SLP ELZABURU SLP; OOO YURIDICHESKAYA GORODISSKIY I PARTNER Y FA; UGUR GUERSAD YALCINER; BUCHANAN INGERSOLL AND ROONEY PC

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

International class (IPC 8-9): A61B17/06 A61F13/15 A61F13/551 B31B19/64 B31B21/00 B32B37/12 B32B38/00 B32B7/14 B65D65/14 B65D65/40 B65D75/04 B65D75/20 B65D75/58 (Advanced/Invention)

CPC: A61F13/15747 B65D65/14 A61F13/5514 B32B37/12 B32B38/0004 B32B2555/02 A61F13/15739 A61F13/551 B65D2209/00 B65D2575/586 A61F13/5515 B31B2160/102 B31B2160/10 A61F13/55135 B65D75/20 B31B70/00 B31B70/64 B31B2150/00 B65D75/58

US class: 206/524.3 604/385.02

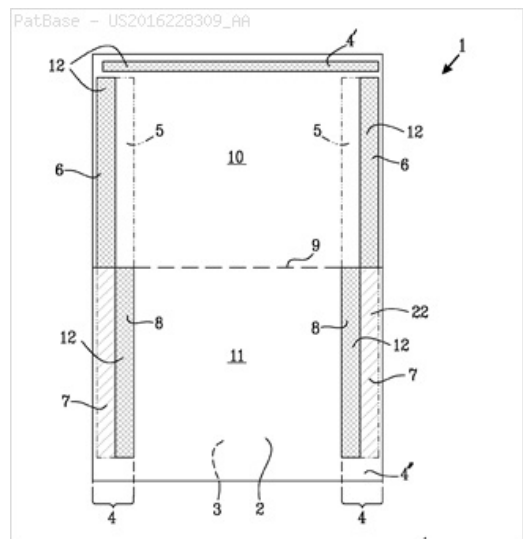
[Classification Explorer](#)

Cited documents: WO9911683 A1, WO9414396 A1, WO8810219 A1, WO13162430 A1, WO0245640 A1, USH1454 H1, USH001454 H1, US8460260 BB, US7810641 BB, US7004320 BA, US6500293 BA, US6412687 BA, US6135506 A, US6126064 A, US5829670 A, US5769837 A, US5571586 A, US5569230 A, US5375764 A, US5167739 A, US4917675 A, US4781712 A, US4555022 A, US3217871 A, US2010298797 AA, US2010121299 AA, US2007038197 AA, US2007038197, US1454 A, JP2015514542 T2, JP2015514542, JP2004514539 T2, JP2003180740 A2, JP2003180740, JP11301727, JP11301727, GB2153779 A1, EP0472376 A1, EP0471385 A1,

Forward Citations: WO17065661, US2018256417, US2017190489, US10017309,

Abstract:

A packaging unit for hygiene articles is formed from a sheet of material having an inner surface and an outer surface. The inner surface includes an edge zone including an inner edge portion and an outer edge portion. The sheet has at least one folding axis dividing the sheet into a first region and a second region. The inner edge portion and the outer edge portion of the edge zone of the first region is provided with adhesive, and the other of the inner edge portion and the outer edge portion of the edge zone of the first region is adhesive-free. Further, one of the inner edge portion and the outer edge portion of the edge zone of the second region is provided with adhesive, and the other is adhesive-free in a complementary manner to the edge zone of the first region.



Title:
Priority:
Family:

Probable Assignee:
Assignee(s):(std):
Assignee(s):
Inventor(s):(std):
Agent(s):
International class (IPC 8-9):
CPC:

US class:

[Classification Explorer](#)
Cited documents:

Forward Citations:

METHOD OF MANUFACTURING A BOTTOM GUSSETED POUCH

US20140467138 20140825 US20150733205 20150608 US20150800222 20150715
US20150854697 20150915

Publication number	Publication date	Application number	Application date
US9050770 BA	20150609	US20140467138	20140825
US9365011 BA	20160614	US20150733205	20150608
US9434492 BA	20160906	US20150800222	20150715
US9962898 BA	20180508	US20150854697	20150915

MOBILE AIR LLC

FERBER JOHN ; RUSSELL JAMES

MOBILE AIR LLC

FERBER JOHN ; RUSSELL JAMES

DENNIS B; WOODS OVIATT GILMAN LLP

B31B1/64 B31B23/00 B31B29/60 B31B37/00 B31B49/04 B65B43/12 (Advanced/Invention);
B31B21/00 B31B23/00 B65B43/36 (Advanced/Non-invention)

B65B43/123 B65B43/36 B31B70/00 B31B70/10 B31B70/844 B31B70/946 B31B2150/00 B31B2155/00
B31B2155/0012 B31B2160/10 B31B2160/20 B31B70/008 B31B70/8133 B31B70/942 B31B2155/002
B31B37/00 B31B23/00 B31B2237/10 B31B2237/20 B31B2237/403 B31B70/262 B31B70/94
B31B2170/20 B65D33/02 B65D75/008 B31B70/60

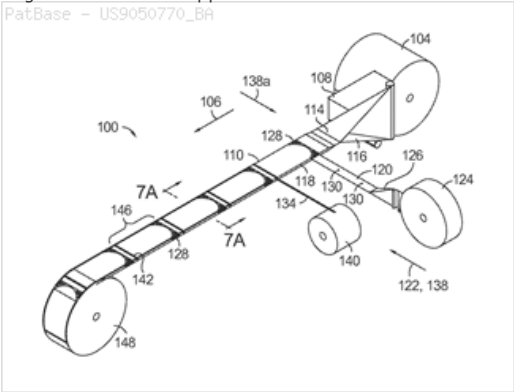
1/1

[Classification Explorer](#)

USRE36759 E, US9028386 BB, US8579780 BB, US8414465 BB, US8167487 BB, US7490451 BB, US7331917 BB, US7325378 BB, US7285083 BB, US7114309 BB, US7093978 BB, US6986237 BB, US6942608 BB, US6827490 BB, US6807794 BB, US6796932 BB, US6740020 BB, US6634158 BA, US6591586 BA, US6588176 BA, US6517660 BB, US6477820 BA, US6425847 BA, US6423356 BB, US6422753 BA, US6416452 BA, US6293896 BA, US6135281 A, US6068585 A, US6017412 A, US5816018 A, US5513766 A, US5118202 A, US5087234 A, US4997504 A, US4913693 A, US4844956 A, US4816104 A, US4561107 A, US4500307 A, US4491959 A, US4285681 A, US4171048 A, US3929275 A, US3482763 A, US3203323 A, US3051103 A, US2154521 A, US2012085479 AA, US2008092487 AA, US2006194684 AA, US2006115187 AA, US2005084184 AA,

US9844920, US9802378, US9517605, US2016229146, US2016194116, US2016067937, US2014364292, US2014274636, US2014128235,

Abstract:
A method of manufacturing a roll of bottom gusseted pouches serially connected in a top-to-bottom end orientation is provided. The method comprises unwinding a pouch webbing in a first flow direction, the pouch webbing defining front and back panels of a respective pouch; inserting a gusset webbing between the panels in a second flow direction; attaching the gusset webbing to the panels to form the bottom gusseted end of the pouch; inserting a closure mechanism between the panels in a third flow direction; attaching the closure mechanism to the panels to form the resealable top end of the pouch; sealing the side edges of the panels to complete the pouch; winding the completed pouch onto the roll; and repeating these steps to form the other bottom gusseted pouches in the roll. At least one of the pouch webbing and the gusset webbing is formed of a supported film.



Title:

PACKAGE

Priority:

JP20140064072 20140326 WO2015JP58693 20150323

Family:

	Publication number	Publication date	Application number	Application date
	JP2015182815 A2	20151022	JP20140064072	20140326
	JP6339394 B2	20180606	JP20140064072	20140326
	TH167515 A	20170907	TH20161005529	20150323
	US2017105889 AA	20170420	US20150128983	20150323
	WO15146891 A1	20151001	WO2015JP58693	20150323

Probable Assignee:

UNICHARM CORP

Assignee(s):(std):

UNI CHARM CORP ; UNICHARM CORP

Assignee(s):

UNI CHARM CO LTD

Inventor(s):(std):

HAYASHI TOSHIHISA ; IRITONO TARO ; NISHIMURA KIYOKO ; NITTONO TARO ; NODA YUKI

Agent(s):

FELICITE PATENT PROFESSIONAL CORP

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

International class (IPC 8-9):

A61F13/15 A61F13/535 A61F13/551 A61F13/56 A61F13/84 B65D33/00 B65D33/01 B65D75/38 B65D75/54 B65D75/58 B65D77/04 B65D85/07 B65D85/16 B65D85/62 (Advanced/Invention); B65D75/38 B65D85/16 (Core/Invention)

CPC:

B65D2203/12 A61F13/5514 B65D85/62 B65D75/54 A61F13/55145 A61F13/8405 A61F13/5616 A61F13/535 B65D2575/586 A61F2013/8408 A61F2013/530007 B65D75/38 B65D75/5838 B65D85/07

US class:

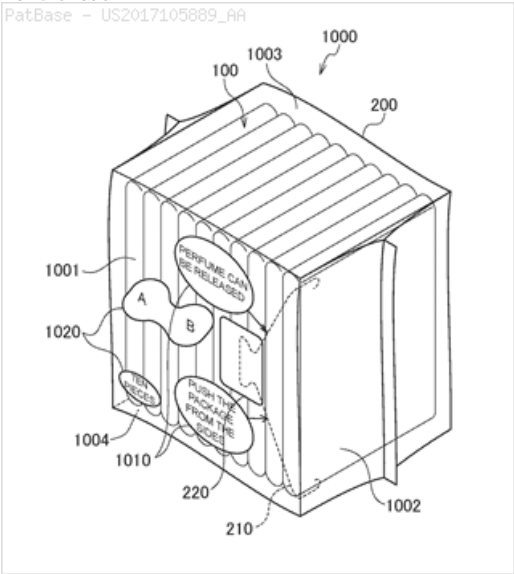
206/205

Classification Explorer

Cited documents:

WO08001332 A2, WO08001332, US8991610 BB, US8317022 BB, US8197455 BB, US6481576 BA, US2015136035 AA, US2014224698 AA, US2011216987 AA, US2011216987, US2010282637 AA, US2009112174 AA, US2008011632 AA, US2007144937 AA, US2007073255 AA, US2003130632 AA, US2002117419 AA, JP2012030874 A2, JP2012030874, JP2011020711 A2, JP2011020711, JP2009518158 T2, JP2009518158, JP2005118205 A2, JP2005118205, JP2003535650 T2, JP2003535650, JP2002037246 A2,

Abstract:
A package comprises: wrapped absorbent articles comprising: an absorbent article having an absorber; and a wrapper for individually wrapping the absorbent article, the absorbent article being placed on the wrapper and folded together with the wrapper, and the absorbent article being wrapped individually by the wrapper; and a bag containing the plurality of wrapped absorbent articles, wherein the wrapped absorbent articles are provided with a perfume, at least one surface of the bag comprises: aperture through which the perfume of the wrapped absorbent articles contained in the bag can pass; and a perfume indicator for indicating an existence of the perfume, a compressibility of the package is 10 percent or more when a load of 1.35 kg in weight is applied in an area of 100 mmx200 mm of the package for ten seconds, and a compression resilience of the package is 95 percent or more after ten seconds has passed after removal of the load.



Title:

A PACKAGING UNIT FOR HYGIENE ARTICLES AND A METHOD OF FORMING A PACKAGING UNIT

Priority:

WO2014SE50725 20140613

Family:

Publication number	Publication date	Application number	Application date
 AU2014396919 AA	20151217	AU20140396919	20140613
 AU2014396919 BB	20170302	AU20140396919	20140613
 BR112016027702 A2	20170815	BR20161127702	20140613
 CN106535849 A	20170322	CN201480079505	20140613
 CO20160005815 A2	20170331	CO20160005815	20161227
 EP3154494 A1	20170419	EP20140894531	20140613
 EP3154494 A4	20171115	EP20140894531	20140613
 JP2017521141 T2	20170803	JP20160572650T	20140613
 JP6321831 B2	20180509	JP20160572650T	20140613
 MX2016016278 A1	20170331	MX20160016278	20140613
 RU2645572 C1	20180221	RU20170100900	20140613
 TW201545728 A	20151216	TW20150115393	20150514
 US2017151106 AA	20170601	US20140318170	20140613
 US10086989 BB	20181002	US20140318170	20140613
 WO15190969 A1	20151217	WO2014SE50725	20140613

Probable Assignee:

SCA HYGIENE PRODUCTS AB

Assignee(s):(std):

SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB

Assignee(s):

ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s):(std):

CONNY DAHLQVIST ; DAHLQVIST CONNY ; EKSTEDT SOFIA ; PERSSON ULRICA ; SOFIA EKSTEDT ; ULRICA PERSSON

Agent(s):

WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; OOO YURIDICHESKAYA GORODISSKIJ I PARTNERY FA; BUCHANAN INGERSOLL AND ROONEY PC

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

International class (IPC 8-9):

A61F13/15 A61F13/472 A61F13/551 B31B19/62 B31B21/00 B31B70/26 B31B70/62 B65D65/14 B65D75/20 B65D85/07 (Advanced/Invention); A61F13/551 (Advanced/Non-invention)

CPC:

A61F13/5515 B65D75/20 B31B21/00 B31B19/62 B65D2575/586 B31B2219/6007 B31B2221/102 A61F13/5514 B65D65/14 A61F13/00 A61F13/551 A61F13/55135 B31B70/00 B31B70/60 B31B70/62 B31B2150/00 B31B2155/00 B31B2160/10 B31B2160/102 B65D85/07

US class:

128/844 206/209 206/438 206/459.1 602/57 604/385.02

[Classification Explorer](#)

Cited documents:

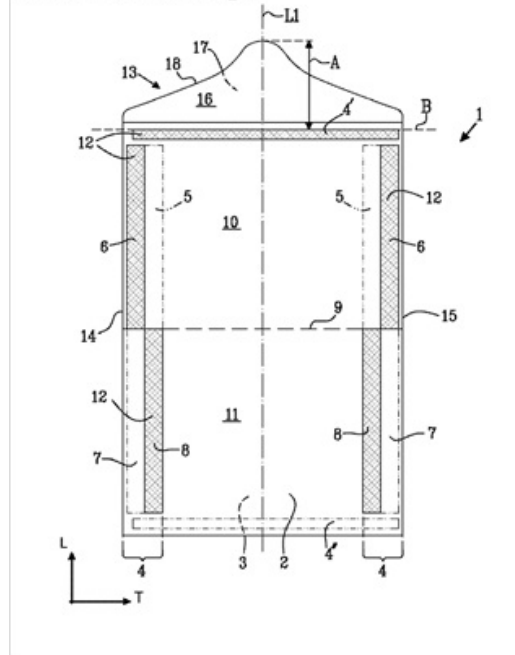
WO9734556 A2, WO9500092 A1, WO8900459 A1, WO8810219 A1, WO14188239 A1, WO13162430 A1, WO12157621 A1, WO12102071 A1, WO10135566 A1, WO10071512 A1, WO05087167 A1, WO03030796 A1, WO0045767 A1, USH1454 H1, US8900210 BB, US8231590 BB, US7708727 BB, US7083079 BB, US6322106 BA, US6234229 BA, US6203512 BA, US6186993 BA, US6176850 BA, US6039242 A, US6015934 A, US6003760 A, US5868727 A, US5792131 A, US5769837 A, US5598970 A, US5591153 A, US5569230 A, US5567260 A, US5462166 A, US5375764 A, US5238178 A, US5167739 A, US5046608 A, US3957569 A, US3913580 A, US2015112294 AA, US2014155852 AA, US2013199956 AA, US2013165888 AA, US2012283682 AA, US2012090071 AA, US2011034897 AA, US2011028933 AA, US2010298797 AA, US2010175825 AA, US2010078032 AA, US2009082747 AA, US2008067803 AA, US2007189644 AA, US2007049891 AA, US2006137568 AA, US2006025739 AA, US2005198931 AA, US2005137553 AA, US2004107676 AA, US2003234069 AA, US2003225390 AA, US2003163109 AA, JP2015514542 T2, JP2015514542, JP2014195540 A2, JP2014195540, JP2014144138 A2, JP2014144138, JP2013085818 A2, JP2013048786 A2, JP2013048786, JP2009073498 A2, JP2007521117 T2, JP2007521117, JP2006045417 A2, JP2003199786 A2, GB2273279 A1, EP2737886 A1, EP2589356 A1, EP0955243 A2, EP0841049 A1, EP0368914 A1,

Forward Citations:

US2017190489, US10017309,

Abstract:

A packaging unit for hygiene articles, the unit being formed from a sheet of material having an inner surface, said inner surface comprising an edge portion being provided with a resealable adhesive for closure of the packaging unit. The sheet has a longitudinal center line and at least one transversely extending folding axis dividing the sheet into a first region and a second region. A tab is arranged at an edge portion of the first region. The tab extends in a longitudinal direction from said edge portion so that an extension of the tab along or parallel to the center line from a tab base to an outer edge of the tab is 0.5 cm or more. A method of forming the packaging unit is also provided.



Title: A PACKAGING UNIT HAVING IMPROVED SEALING, AND A METHOD FOR FORMING SUCH A PACKAGING UNIT

Priority: EP20140894436 20140613 WO2014SE50718 20140613

Family:	Publication number	Publication date	Application number	Application date
	AU2014396898 AA	20151217	AU20140396898	20140613
	AU2014396898 BB	20170202	AU20140396898	20140613
	BR112016027720 A2	20170815	BR20161127720	20140613
	CA2952001 AA	20161212	CA20142952001	20140613
	CN106413656 A	20170215	CN201480079512	20140613
	CO20170000304 A2	20170331	CO20170000304	20170112
	DE602014027185 D1	20180705	DE201460027185T	20140613
	EP3154493 A1	20170419	EP20140894436	20140613
	EP3154493 A4	20171122	EP20140894436	20140613
	EP3154493 B1	20180613	EP20140894436	20140613
	ES2684378 T3	20181002	ES20140894436T	20140613
	IN201717000696 A	20170421	IN201717000696	20170106
	JP2017521142 T2	20170803	JP20160572677T	20140613
	KR20170018312 A	20170217	KR20167033600	20140613
	MX2016016185 A1	20170308	MX20160016185	20140613
	RU2654427 C1	20180517	RU20170100918	20140613
	TH170683 A	20171123	TH20161007399	20140613
	TN2016000466 A1	20180404	TN20160000466	20140613
	TR201810237 T4	20180827	TR20180010237T	20140613
	TW201545729 A	20151216	TW20150115922	20150519
	US2017129674 AA	20170511	US20140318051	20140613
	US9834355 BB	20171205	US20140318051	20140613
	WO15190964 A1	20151217	WO2014SE50718	20140613

Probable Assignee: ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Assignee(s):(std): SCA HYGIENE PROD AB ; ESSITY HYGIENE AND HEALTH AB

Assignee(s): SCA HYGIENE PRODUCTS AB ; PERSSON ULRIKA ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG ; DAHLQVIST CONNY ; EKSTEDT SOFIA

Inventor(s):(std): DAHLQVIST CONNY ; EKSTEDT SOFIA ; PERSSON ULRIKA ; ULRIKA PERSSON ; SOFIA EKSTEDT ; CONNY DAHLQVIST

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RIDOUT AND MAYBEE LLP; JOSE ANDRES RINCON USCATEGUI; VALEA AB; ELZABURU SLP ELZABURU SLP; OOO YURIDICHESKAYA GORODISSKIY I PARTNERY FA; UGUR GUERSAD YALCINER; BUCHANAN INGERSOLL AND ROONEY PC

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 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

International class (IPC 8-9): A61B17/06 A61F13/15 A61F13/551 B65D65/14 B65D75/20 B65D75/58 B65D85/07 (Advanced/Invention); B31B150/00 B31B160/10 B31B70/62 (Advanced/Non-invention); A61F13/551 (Core/Invention)

CPC: B65D65/14 B65D75/20 A61F13/5515 B65D75/5855 B65D2575/586 A61F13/15747 A61F13/5514 B31B70/62 B31B2150/00 B31B2160/10 B31B2160/102 A61F13/551

[Classification Explorer](#)

Cited documents: WO9734556 A2, WO9500092 A1, WO8900459 A1, WO8810219 A1, WO14188239 A1, WO13162430 A1, WO12157621 A1, WO12102071 A1, WO10135566 A1, WO10071512 A1, WO05087167 A1, WO03030796 A1, WO0045767 A1, USH1454 H1, US8900210 BB, US8231590 BB, US7708727 BB, US7083079 BB, US6322106 BA, US6234229 BA, US6203512 BA, US6176850 BA, US6176850 B1, US6039242 A, US6015934 A, US6003760 A, US5868727 A, US5792131 A, US5769837 A, US5598970 A, US5591153 A, US5569230 A, US5567260 A, US5462166 A, US5375764 A, US5238178 A, US5167739 A, US3957569 A, US3913580 A, US2015112294 AA, US2014155852 AA, US2013199956 AA, US2013165888 AA, US2012283682 AA, US2012090071 AA, US2011034897 AA, US2011028933 AA, US2010298797 AA, US2010175825 AA, US2009082747 AA, US2008067803 AA, US2007189644 AA, US2007049891 AA, US2006137568 AA, US2006025739 AA, US2005198931 AA, US2005137553 AA, US2004107676 AA, US2003234069 AA, US2003225390 AA, US2003163109 AA, JP63040922 U1, JP63034418 U1, JP6048635 U, JP5062229 U, JP2013085818 A2, JP2009073498 A2, JP2006045417 A2, JP2003339764 A2, JP2003199786 A2, JP2003180740 A2, JP11147541, GB2273279 A1, EP2737886 A1, EP2589356 A1, EP0955243 A2, EP0841049 A1, EP0368914 A1,

Forward Citations: WO18006947, US2017190489, US10017309,

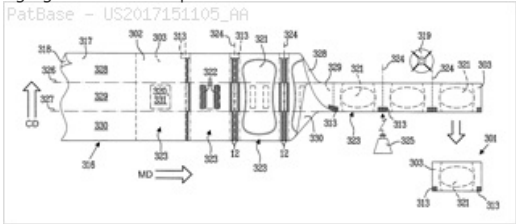
Abstract: A packaging unit for hygiene articles is formed from a sheet having a folding axis dividing the sheet into first and second regions. One of the inner edge portion and the outer edge portion of the edge zone of the first region is provided with resealable adhesive, thus forming a first adhesive zone. The other of the inner edge portion and the outer edge portion is adhesive-free. The inner edge portion or the outer edge portion of the edge zone of the second region corresponding to the adhesive-carrying edge portion of the first region is adhesive-free, such that when the sheet is folded about the folding axis, the edge portions carrying resealable adhesive in the first region are brought in contact with the adhesive-free edge portions in the second region. A distance between the at least one first folding axis and the first adhesive zone is 1-20 mm.

Title: A PACKAGING UNIT FOR HYGIENE ARTICLES AND A METHOD OF FORMING A PACKAGING UNIT
Priority: WO2014SE50724 20140613
Family:

Publication number	Publication date	Application number	Application date
AU2014396902 AA	20151217	AU20140396902	20140613
AU2014396902 BB	20170119	AU20140396902	20140613
BR112016027692 A2	20170815	BR20161127692	20140613
CN106535850 A	20170322	CN201480079509	20140613
CO20160005834 A2	20170609	CO20160005834	20161227
EP3154495 A1	20170419	EP20140894692	20140613
EP3154495 A4	20171122	EP20140894692	20140613
MX2016016186 A1	20170308	MX20160016186	20140613
RU2642415 C1	20180124	RU20170100895	20140613
TW201600409 A	20160101	TW20150115394	20150514
US2017151105 AA	20170601	US20140316192	20140613
WO15190968 A1	20151217	WO2014SE50724	20140613

Probable Assignee: SCA HYGIENE PRODUCTS AB
Assignee(s):(std): SCA HYGIENE PROD AB
Assignee(s): SCA HYGIENE PRODUCTS AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG
Inventor(s):(std): HOLMBERG ANDERS ; ANDERS HOLMBERG
Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; OOO YURIDICHESKAYA GORODISSKIY I PARTNER Y FA
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
International class (IPC 8-9): A61F13/551 B32B38/18 B65B11/48 B65B51/02 B65B61/06 B65D27/08 B65D65/10 B65D65/14 B65D75/20 B65D85/07 B65D85/16 B65H23/00 (Advanced/Invention)
CPC: B65D2313/10 A61F13/55135 A61F13/5515 B65B61/06 B65B51/02 B65B11/48 A61F13/5514 B65D65/14 B65D75/20 B65D2575/586
[Classification Explorer](#)
Cited documents: WO13162430 A1, US5591153 A, US2013199956 AA, US2012283682 AA, US2012090071 AA, US2010175825 AA, US2009082747 AA, US2008067803 AA, US2007189644 AA, US2004107676 AA, US2003234069 AA, JP2006045417 A2,
Forward Citations: US2017190489, US10017309,

Abstract:
A packaging unit for hygiene articles, the unit being formed from a sheet of material having a longitudinal direction and a transverse direction. The sheet has an inner surface and an outer surface. The inner surface includes an edge portion being provided with a resealable adhesive for closure of the packaging unit. Furthermore, the sheet has at least one transversely extending folding axis dividing said sheet into a first region and a second region. The sheet is provided with at least one sync mark for indication of a positioning of the sheet of material during manufacturing of the packaging unit, the sync mark being provided on the outer surface. A blank and a method for forming the packaging unit are also provided.



Title:

A PACKAGING UNIT FOR HYGIENE ARTICLES AND A METHOD OF FORMING A PACKAGING UNIT

Priority:

WO2014SE50726 20140613

Family:

Publication number	Publication date	Application number	Application date
 AU2014396903 AA	20151217	AU20140396903	20140613
 AU2014396903 BB	20170302	AU20140396903	20140613
 BR112016028062 A2	20170822	BR20161128062	20140613
 CN106535851 A	20170322	CN201480079518	20140613
 CO20160005900 A2	20170609	CO20160005900	20161227
 EP3154490 A1	20170419	EP20140894201	20140613
 EP3154490 A4	20171122	EP20140894201	20140613
 EP3154490 B1	20180919	EP20140894201	20140613
 JP2017517342 T2	20170629	JP20160572472T	20140613
 JP6324547 B2	20180516	JP20160572472T	20140613
 MX2016016181 A1	20170308	MX20160016181	20140613
 RU2643970 C1	20180206	RU20170100903	20140613
 TW201604081 A	20160201	TW20150115395	20150514
 US2017190489 AA	20170706	US20140318020	20140613
 US10017309 BB	20180710	US20140318020	20140613
 WO15190970 A1	20151217	WO2014SE50726	20140613

Probable Assignee:

SCA HYGIENE PRODUCTS AB

Assignee(s):(std):

ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB

Assignee(s):

SCA HYGIENE PRODUCT AB ; ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s):(std):

CONNY DAHLQVIST ; SOFIA EKSTEDT ; ULRIKA PERSSON ; PERSSON ULRIKA ; EKSTEDT SOFIA ; DAHLQVIST CONNY

Agent(s):

WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; OOO YURIDICHESKAYA GORODISSKIJ I PARTNERY FA; BUCHANAN INGERSOLL AND ROONEY PC

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

International class (IPC 8-9):

A61F13/15 A61F13/551 B65B11/00 B65B11/50 B65B43/02 B65B51/02 B65B61/06 B65D65/14 B65D75/20 (Advanced/Invention)

CPC:

B65D2313/10 B65B11/004 B65B51/02 B65B61/06 A61F13/5515 A61F13/15747 A61F13/15739 B65D75/20 A61F13/55135 A61F13/5514 B65D65/14 B65D2575/586

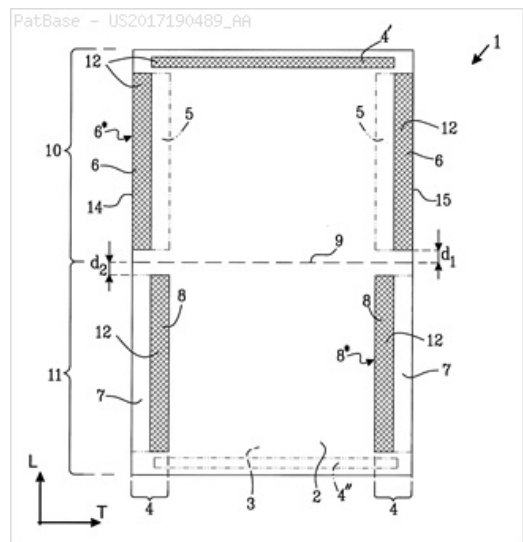
[Classification Explorer](#)

Cited documents:

WO9734556 A2, WO9500092 A1, WO8900459 A1, WO8810219 A1, WO14188239 A1, WO13162430 A1, WO12157621 A1, WO12102071 A1, WO10135566 A1, WO10071512 A1, WO05087167 A1, WO03030796 A1, WO0045767 A1, USH1454 H1, US9834355 BB, US9821940 BB, US9545344 BB, US9155668 BB, US8900210 BB, US8231590 BB, US7708727 BB, US7083079 BB, US6681668 BA, US6644697 BA, US6322106 BA, US6234229 BA, US6203512 BA, US6186993 BA, US6176850 B1, US6039242 A, US6015934 A, US6003760 A, US5882789 A, US5868727 A, US5792131 A, US5769837 A, US5598970 A, US5591153 A, US5569230 A, US5567260 A, US5462166 A, US5462166, US5375764 A, US5238178 A, US5167739 A, US4917675 A, US4781712 A, US4555022 A, US4483445 A, US4192448 A, US4058426 A, US3957569 A, US3913580 A, US3217871 A, US2017151106 AA, US2017151105 AA, US2016242971 AA, US2016228309 AA, US2015112294 AA, US2015004367 AA, US2014155852 AA, US2013199956 AA, US2013165888 AA, US2012283682 AA, US2012090071 AA, US2011034897 AA, US2011028933 AA, US2010298797 AA, US2010175825 AA, US2009082747 AA, US2008067803 AA, US2007189644 AA, US2007049891 AA, US2007038197 AA, US2006212015 AA, US2006137568 AA, US2006025739 AA, US2005198931 AA, US2005137553 AA, US2004107676 AA, US2003234069 AA, US2003225390 AA, US2003163109 AA, JP9322909 A2, JP9322909, JP2015514542 T2, JP2015514542, JP2013085818 A2, JP2009073498 A2, JP2006045417 A2, JP2003199786 A2, JP2000051272 A2, JP2000051272, GB2273279 A1, EP2737886 A1, EP2589356 A1, EP0955243 A2, EP0841049 A1, EP0368914 A1,

Abstract:

A packaging unit (301) for hygiene articles that is formed from a sheet of material having an inner surface (302) comprises an edge zone (304) comprising an inner edge portion (305, 308) and an outer edge portion (306, 307). At least one of the outer and inner edge portions comprises at least one region provided with a resealable adhesive (12). The sheet has at least one folding axis (309, 309') dividing said sheet into a first and second regions regional. The sheet is folded about said at least one folding axis with said first and second regions in an overlapping configuration, thereby providing a packaging unit. Overlapping outer edge portions of the sheet layers are at least partly adhesive-free and are at least partially connected to each other by a mechanical interaction providing a sealing strength of 0.2 to 1.5 N. A method for forming the packaging unit is provided.



Title:

METHOD FOR FORMING A WRAPPING SHEET HAVING IMPROVED SEALING

Priority:

EP20140894409 20140613 WO2014SE50719 20140613

Family:

Publication number	Publication date	Application number	Application date
 AU2014396899 A	20151217	AU20140396899	20140613
 AU2014396899 B	20170223	AU20140396899	20140613
 BR112016027724 A2	20170815	BR20161127724	20140613
 CN106687094 A	20170517	CN201480079818	20140613
 CO20170000157 A2	20170331	CO20170000157	20170106
 DE602014029775 D1	20180830	DE201460029775T	20140613
 EP3154492 A1	20170419	EP20140894409	20140613
 EP3154492 A4	20171115	EP20140894409	20140613
 EP3154492 B1	20180801	EP20140894409	20140613
 EP3154492 B8	20180912	EP20140894409	20140613
 JP2017524409 T2	20170831	JP20160572748T	20140613
 MX2016016280 A1	20170331	MX20160016280	20140613
 RU2644113 C1	20180207	RU20170100917	20140613
 TW201603786 A	20160201	TW20150115921	20150519
 US2017128279 A	20170511	US20140318178	20140613
 US9943448 B	20180417	US20140318178	20140613
 WO15190965 A1	20151217	WO2014SE50719	20140613

Probable Assignee:

SCA HYGIENE PRODUCTS AB

Assignee(s):(std):

ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB ; SCA HYGIENE PRODUCTS AB

Assignee(s):

ESSITY HYGIENE AND HEALTH AKTIEBOLAG

Inventor(s):(std):

CONNY DAHLQVIST ; DAHLQVIST CONNY ; EKSTEDT SOFIA ; PERSSON ULRIKA ; SOFIA EKSTEDT ; ULRIKA PERSSON

Agent(s):

WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; VALEA AB; OOO YURIDICHESKAYA GORODISSKIY I PARTNERY FA; BUCHANAN INGERSOLL AND ROONEY PC

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

International class

A61F13/15 A61F13/551 B65D65/14 B65D75/20 (Advanced/Invention);

(IPC 8-9):

A61F13/84 B65D65/14 B65D75/20 (Advanced/Non-invention)

CPC:

A61F13/15804 A61F13/5515 A61F13/15723 A61F2013/8497 A61F13/15747 A61F13/551 A61F13/5514

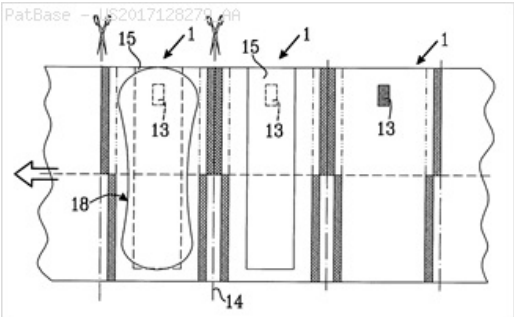
[Classification Explorer](#)

Cited documents:

WO9734556 A2, WO9500092 A1, WO8900459 A1, WO8810219 A1, WO14188239 A1, WO13162430 A1, WO12157621 A1, WO12102071 A1, WO10135566 A1, WO10071512 A1, WO05087167 A1, WO03030796 A1, WO0045767 A1, USH1454 H1, US8900210 B, US8231590 B, US7708727 B, US7083079 B, US6322106 B, US6234229 B, US6203512 B, US6176850 B, US6176850 B1, US6039242 A, US6015934 A, US6003760 A, US5868727 A, US5792131 A, US5769837 A, US5598970 A, US5591153 A, US5569230 A, US5567260 A, US5462166 A, US5375764 A, US5238178 A, US5167739 A, US3957569 A, US3913580 A, US2015112294 A, US2014155852 A, US2013199956 A, US2013165888 A, US2012283682 A, US2012090071 A, US2011034897 A, US2011028933 A, US2010298797 A, US2010175825 A, US2009082747 A, US2008067803 A, US2007189644 A, US2007049891 A, US2006137568 A, US2006025739 A, US2005198931 A, US2005137553 A, US2004107676 A, US2003234069 A, US2003225390 A, US2003163109 A, JP2013085818 A2, JP2012010807 A2, JP2011140344 A2, JP2009073498 A2, JP2006045417 A2, JP2003199786 A2, GB2273279 A1, EP2737886 A1, EP2589356 A1, EP0955243 A2, EP0841049 A1, EP0368914 A1,

Abstract:

A method for forming a wrapping material for hygiene articles involves: providing one of the inner edge portion and the outer edge portion of the edge zone of the first region with a first resealable adhesive, such that the other of the inner edge portion and the outer edge portion of the edge zone of the first region is adhesive-free; providing one of the inner edge portion and the outer edge portion of the edge zone of the second region with a first resealable adhesive, such that the other of the inner edge portion and the outer edge portion of the edge zone of the second region is adhesive-free; and providing at least one of the first central portion of the first region and the second central portion of the second region with a second adhesive; wherein the steps a-c are performed simultaneously.



Title: POUCH MAKER FOR MAKING BLOCK-BOTTOM TOBACCO POUCHES

Priority: NL20142013495 20140918 EP20150185486 20150916

Family:

Publication number	Publication date	Application number	Application date
DE602015002329 D1	20170601	DE201560002329T	20150916
DK2998108 T3	20170731	DK20150185486T	20150916
EP2998108 A1	20160323	EP20150185486	20150916
EP2998108 B1	20170419	EP20150185486	20150916
HU033301 T2	20171128	HU20150185486T	20150916
NL2013495 B1	20160929	NL20142013495	20140918
US2016082684 AA	20160324	US20150856710	20150917

Probable Assignee: SLUIS CIGAR MACHINERY BV

Assignee(s):(std): SLUIS CIGAR MACHINERY BV

Inventor(s):(std): FRANS JANSEN ; JANSEN FRANS

Agent(s): EP AND C

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

International class (IPC 8-9): A24F23/02 B31B19/64 B31B23/00 B31B37/00 B31B70/00 B31B70/64 (Advanced/Invention)

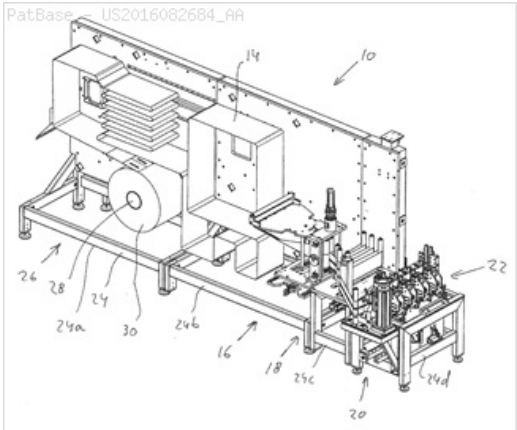
CPC: A24F23/02 B31B70/00 B31B2150/00 B31B2155/00 B31B2155/001 B31B2155/0014 B31B2160/10 B31B2160/106 B31B2160/20 B31B70/10 B31B70/16 B31B70/262 B31B70/266 B31B70/64 B31B2170/20

US class: 493/189 493/243 493/244

[Classification Explorer](#)

Cited documents: US8465404 BB, US5830118 A, US5080747 A, US4881933 A, US4680024 A, US3722376 A, US3228583 A, US3148598 A, US2325673 A, US2224017 A, US2010262273 AA, US2010022374 AA, US2009197750 AA, EP2087992 A1, DE8716803 U,

Abstract:
A device for making tobacco pouches from a film includes a first folding station for receiving the film and providing a bottom fold in the film; a buffer station for buffering a length of film having the bottom fold; a second folding station for receiving the film having the bottom fold from the buffer station and providing a first fold; a second fold and a third fold in the film for defining the block-bottom, the first fold and third fold having a same fold direction and the second fold being located between the first and third fold and having a counter fold direction, where the first folding station is provided upstream of the buffer station and the second folding station is provided downstream from the buffer station.



Title:

Priority:

Family:

METHOD AND DEVICE FOR PRODUCING BAGS FROM TUBULAR BAG BODIES
EP20140191600 201411104 WO2015EP75409 20151102

Publication number	Publication date	Application number	Application date
BR112017007870 A2	20180123	BR20171107870	20151102
CN107073862 A	20170818	CN201580059770	20151102
DE502014005425 D1	20171026	DE201450005425T	20141104
EP3017940 A1	20160511	EP20140191600	20141104
EP3017940 B1	20170913	EP20140191600	20141104
IN201717014893 A	20170915	IN201717014893	20170427
WO16071261 A1	20160512	WO2015EP75409	20151102

Probable Assignee:

Assignee(s):(std):

Assignee(s):

Inventor(s):(std):

Inventor(s):

Agent(s):

STARLINGER AND CO GMBH
STARLINGER AND CO GMBH
STARLINGER AND CO GES MBH
FUERST HERBERT ; HERBERT FUERST ; FURST HERBERT
FRST HERBERT
SCHWARZ AND PARTNER; SCHWARZ AND PARTNER PATENTANWAELTE OG; SCHWARZ AND PARTNER PATENTANWAELTE ET AL

Designated states:

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

International class (IPC 8-9):

International class (IPC 1-7):

B31B160/20 B31B29/00 B31B70/00 B31B70/04 B31B70/26 B31B70/62 B31B70/64 (Advanced/Invention); B31B160/20 (Advanced/Non-invention)
B31B29/00

CPC:

B31B50/046 B31B70/005 B31B70/04 B31B2150/00 B31B2150/0014 B31B2150/003 B31B2160/20 B31B70/00 B31B2160/10

Classification Explorer

Cited documents:

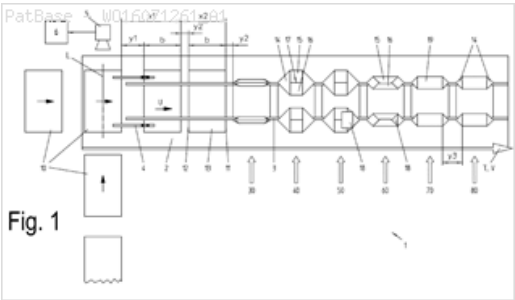
WO15032486 A1, US4135618 A, EP2711166 A1, EP2441574 B1, EP1277684 A1, EP0187351 B1, DE2159710 A1, DE1216196 B,

DE102009000893 A1

DE102008017443 A1

CN102006991 A, CN101983124 A, CN101909868 A, AT408427 B,

Abstract:
A device (1) for producing bags from tubular bag bodies (10) comprises a transport device (2) which transports the bag bodies in a flat manner transversely to the longitudinal extent (L) thereof in a transporting direction (T) at a transport rate (V). While being transported, the bag bodies pass through processing stations (30, 40, 50, 60, 70, 80) by way of which at least one end region (13) of each bag body is formed into a cross bottom and optionally a cover sheet (19) is applied to the cross bottom. A transfer device (4) moves the bag bodies (10) to be transported by the transport device at a transfer rate (U), with respect to bag bodies conveyed at a transport rate (V), by a feeding distance (DELTAy) in the transporting direction (T) and then transfers them to the transport device (2). The feeding distance (DELTAy) is selected such that successive bag bodies overlap one another, wherein the overlapping width preferably corresponds to once or twice the height (h) of the triangular corner fold (14) which is produced when the bottom side flaps (15, 16) are folded over.



Title:

WOVEN PLASTIC BAG AND METHOD OF MAKING SAME

Priority:

EP20140200207 20141223

Family:

Publication number	Publication date	Application number	Application date
CA2915706 AA	20160623	CA20152915706	20151218
CA2915706 C	20180807	CA20152915706	20151218
EP3037254 A1	20160629	EP20140200207	20141223
MX2015017352 A1	20160718	MX20150017352	20151215
US2016176579 AA	20160623	US20150975934	20151221
US9809354 BB	20171107	US20150975934	20151221

Probable Assignee:

MONDI CONSUMER PACKAGING TECHNOLOGIES GMBH

Assignee(s):(std):

MONDI CONSUMER PACKAGING TECH GMBH ; MONDI CONSUMER PACKAGING TECHNOLOGIES GMBH

Assignee(s):

SCHEELE SABINE ; BRAUER JOCHEN ; KOSTERS JENS

Inventor(s):(std):

BRAUER JOCHEN ; KOESTERS JENS ; SCHEELE SABINE ; KOSTERS JENS

Inventor(s):

SABINE SCHEELE ; JENS KOESTERS ; JOCHEN BRAUER

Agent(s):

BORDEN LADNER GERVAIS LLP; LORENZ BERND INGO THADDEUS; ANDREW

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

International class (IPC 8-9):

B31B19/00 B31B19/62 B31B21/60 B31B37/00 B65D30/00 B65D30/04 B65D30/20 B65D33/08 D03D1/00 (Advanced/Invention)

CPC:

B65D29/00 B65D31/10 B65D33/08 B31B2155/00 B31B2155/0012 B31B19/00 B31B37/00 B31B2219/23 B31B2219/269 B31B2219/2681 B31B2219/603 B31B2219/6007 B31B2219/6061 B31B2219/62 B31B2237/05 B31B2237/20 B31B2237/403 B31B70/00 B31B70/008 B31B70/262 B31B70/266 B31B70/62 B31B70/64 B31B70/645 B31B70/79 B31B2160/10 B31B2160/20 B31B2170/20 383/10 383/107 493/194 493/227

US class:

Classification Explorer

Cited documents:

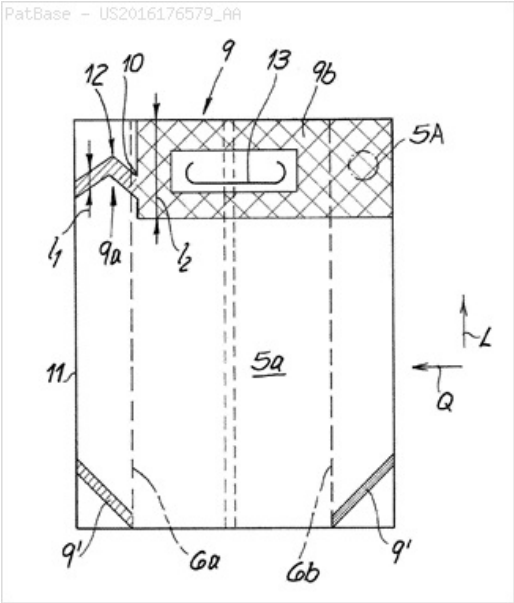
US4849040 A, US4125985 A, US2010183830 AA, EP2384992 A1, DE4431742 A1, DE202011080462, DE102011080462 A1 DE102005026149 A1

Forward Citations:

US9926107, US2017096262,

Abstract:

A woven plastic bag is made by longitudinally feeding flat-lying fabric web having a layer of woven-together plastic strips on a first face, opposite longitudinal edge regions spaced transversely from each other and each extending over about 10 percent of a transverse width of the fabric web, and a middle section between the longitudinal edge regions. A pattern is applied the first face of the fabric web in a pattern that repeats along the production direction only locally with a coating in the form of a film or in the form of a liquid plastic of a width or shape that varies transversely, and the fabric web is shaped into a fabric tube. In order to form individual woven plastic bags, the fabric tube is cut transversely into pieces of the fabric tube suitable for subsequent filling and sealing.



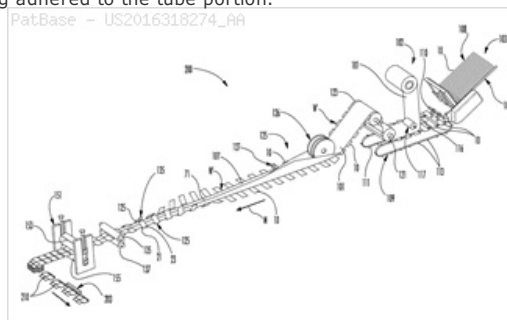
Title: METHOD AND SYSTEM FOR FORMING PACKAGES
Priority: US20150179172P 20150429 US20150179480P 20150508 US20160142103 20160429
US20160142435 20160429 WO2016US30046 20160429 WO2016US29989 20160429

Family:	Publication number	Publication date	Application number	Application date
	AU2016254135 AA	20161103	AU20160254135	20160429
	AU2016255501 AA	20161103	AU20160255501	20160429
	BR112017021813 A2	20180710	BR20171121813	20160429
	BR112017022499 A2	20180717	BR20171122499	20160429
	CA2980192 AA	20170918	CA20162980192	20160429
	CA2980354 AA	20170919	CA20162980354	20160429
	CN107530998 A	20180102	CN201680024662	20160429
	CN107531379 A	20180102	CN201680024749	20160429
	EP3288834 A1	20180307	EP20160787209	20160429
	EP3288835 A1	20180307	EP20160787218	20160429
	MX2017013716 A1	20180302	MX20170013716	20160429
	MX2017013718 A1	20180302	MX20170013718	20160429
	US2016318274 AA	20161103	US20160142103	20160429
	US2016318275 AA	20161103	US20160142435	20160429
	WO16176540 A1	20161103	WO2016US29989	20160429
	WO16176554 A1	20161103	WO2016US30046	20160429

Probable Assignee: GRAPHIC PACKAGING INT LLC
Assignee(s):(std): GRAPHIC PACKAGING INT INC ; GRAPHIC PACKAGING INT LLC
Assignee(s): WALSH JOSEPH C ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS
Inventor(s):(std): JOSEPH C WALSH ; WALSH JOSEPH C
Inventor(s): JOSEPH C
Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; GRAETTINGER MOEHRING VON POSCHINGER
PATENTANWALTE PARTNERSCHAFT; CLAERBOUT ANDREW N
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
International class
(IPC 8-9): A47G21/00 B31B155/00 B31B160/20 B31B37/00 B31B39/00 B31B41/00 B31B50/74 B31B70/00
B31B70/81 B31D1/00 B65B25/00 B65B41/02 B65B41/06 B65B41/16 B65B43/00 B65B43/04 B65B43/10
B65B47/04 B65B47/06 B65B51/00 B65B51/02 B65B51/10 B65B51/16 B65B61/00 B65D33/02
B65D65/14 B65D65/22 B65D75/52 (Advanced/Invention);
B31B155/00 B31B160/20 (Advanced/Non-invention)
CPC: A47G21/00 B65D65/14 B65D65/22 B65D75/525 A47G21/001 B31B70/008 B31B70/262 B31B70/81
B31B2155/00 B31B2155/001 B31B2155/0012 B31B2160/10 B31B70/005 B31B70/16 B31B70/00
B31B2160/20 B31B2160/00 B65D33/02
US class: 493/197 493/202
[Classification Explorer](#)
Cited documents: US6425847 BA, US5772569 A, US5282349 A, US4627223 A, US2014270592 AA, US2011255809 AA,
US2010022375 AA, US2004074947 AA, JP2011251774 A2, JP2008105707 A2,

Abstract:

A method of forming reinforced packages. The method can comprise forming an attached web by adhering a blank to a web of material and moving the attached web in a downstream direction through at least a tube forming assembly and a carton forming assembly. The method also can comprise at least partially forming a tube by folding at least a portion of the web of material as the attached web moves through the tube forming assembly, forming a reinforcement sleeve by folding at least a portion of the blank so that the reinforcement sleeve extends at least partially around the tube as the attached web moves through the carton forming assembly, and forming a reinforced package comprising the reinforcement sleeve and a tube portion by separating the tube portion from a remainder of the tube, the reinforcement sleeve being adhered to the tube portion.



Title:

MACHINE AND METHOD FOR PRODUCING BAGS

Priority:

FR20150057350 20150731 WO2016FR51619 20160629

Family:

Publication number	Publication date	Application number	Application date
EP3328628 A1	20180606	EP20160742347	20160629
FR3039453 A1	20170203	FR20150057350	20150731
FR3039453 B1	20170811	FR20150057350	20150731
US2018207897 AA	20180726	US20160744928	20160629
WO17021597 A1	20170209	WO2016FR51619	20160629

Probable Assignee:

HOLWEG GROUP

Assignee(s):(std):

HOLWEG GROUP

Inventor(s):(std):

MOREL DOMINIQUE ; RITONDO CEDRIC ; OBERHAUSER FREDDY

Inventor(s):

CEDRIC RITONDO ; DOMINIQUE MOREL ; FREDDY OBERHAUSER

Agent(s):

NOVAGRAAF TECHNOLOGIES

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

International class (IPC 8-9):

B31B B31B1/16 B31B19/26 B31B21/00 B31B23/00 B31B70/00 B31B70/16 B31B70/26 B31B70/62 B65H35/10 (Advanced/Invention)

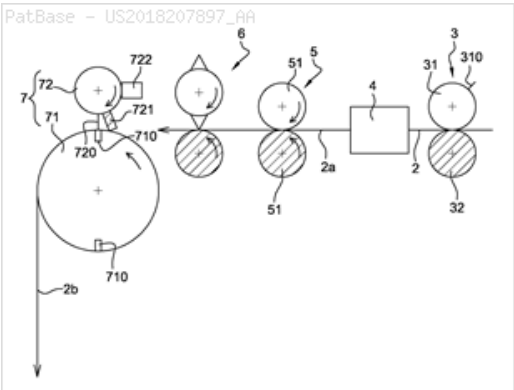
CPC:

B31B70/004 B31B2155/00 B31B70/62 B31B70/006 B31B70/261 B31B50/16 B31B70/16 B31B2155/003 B31B2160/10

[Classification Explorer](#)

Cited documents: US3114299 A, US2205005 A, FR829591 A, FR786579 A, FR2716182 A1, EP0560066 A1,

Abstract:
A machine for producing bags includes a station for forming a tube, which forms a band of transversely perforated flexible material into a tube, a holding station for retaining the tube, a folding station for forming a bottom at the end of the tube, a folding roller having a folding blade for folding a flap at the end of the tube and a tear-off bar for pinching the tube against the drum, the folding station and the holding station being configured to jointly exert a traction on the tube and detach a portion of the tube. The tear-off bar is disposed behind the folding blade, the machine controlling the rotation of the folding station to synchronize the drum with the front of the tube.



Title: PACKING BAG AND MANUFACTURING METHOD FOR THE SAME

Priority: JP20150165634 20150825

Family:

	Publication number	Publication date	Application number	Application date
■	JP2017043376 A2	20170302	JP20150165634	20150825
■	JP6077073 B1	20170208	JP20150165634	20150825
■	US2017057722 AA	20170302	US20160233095	20160810
■	US10000324 BB	20180619	US20160233095	20160810

Probable Assignee: MUPACK OZAKI CO LTD

Assignee(s):(std): MUPACK OZAKI CO LTD ; MYUUPAKKU OZAKI KK

Assignee(s): LTD MICRO PACK OZAKI ; LTD MU PACK OZAKI ; MUPACK OZAKI CO

Inventor(s):(std): OZAKI IKUKO ; TAKAGI TAKEO ; TAKASHIRO TAKEO

Agent(s): KRATZ QUINTOS AND HANSON LLP

International class B31B1/90 B31B19/00 B31B70/14 B65D33/00 B65D33/25 B65D75/20 B65D75/58 (Advanced/Invention)
(IPC 8-9):

CPC: B65D75/585 B65D75/20 B65D33/2525 B31B2155/0014 B31B19/00 B31B2219/14 B31B2219/269
 B31B2219/6053 B31B2219/6061 B31B2219/9019 B31B2237/10 B31B2237/406 B31B70/00 B31B70/14
 B31B70/266 B31B70/644 B31B70/645 B31B70/8132 B31B2155/00 B31B2160/10

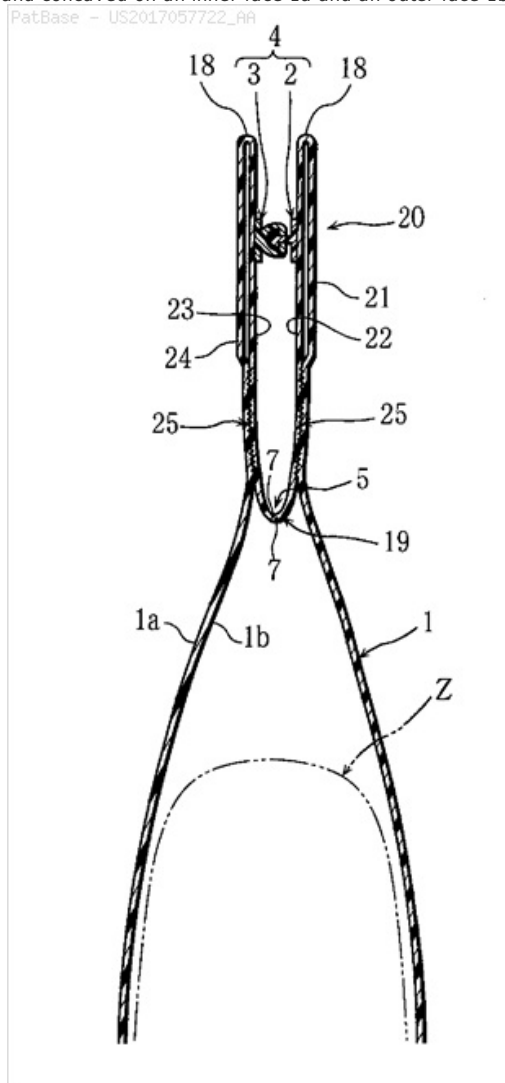
US class: 383/207

[Classification Explorer](#)

Cited documents: WO09025379 A1, WO09025379, US8506165 BB, US8408793 BB, US8247057 BB, US7334682 BB, US7185403 BB, US6719678 BA, US6605026 BA, US5229180 A, US5000321 A, US4458811 A, US3429432 A, US2011297681 AA, JP5715283 B1, JP2013052927 A2, JP2013052927,

Abstract:

In a packing bag to store a stored article Z with tight seal by a welded sheet material 1, a separation-prepared line portion 5, separable by predetermined tensile force by human hands, is provided, and, the separation-prepared line portion 5 is composed of half-cut laser-worked grooves 7 disposed parallel with a small interval and concaved on an inner face 1a and an outer face 1b.

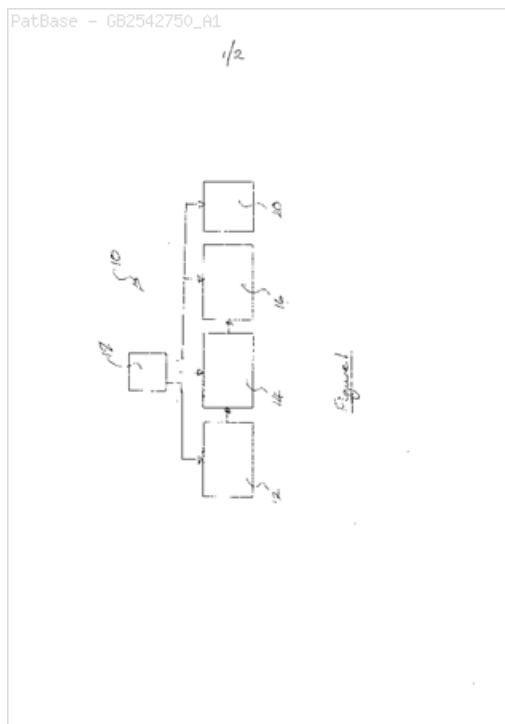


Title: RECTANGULAR-FACED ENCLOSURES**Priority:** GB20150010383 20150613**Family:**

	Publication number	Publication date	Application number	Application date
	GB201510383 A0	20150729	GB20150010383	20150613
	GB2542750 A1	20170405	GB20150010383	20150613

Probable Assignee: FUTON LTD**Assignee(s):(std):** FUTO LTD ; FUTON LTD**Inventor(s):(std):** ROBERT CAMERON**International class (IPC 8-9):** B31B70/14 B31B70/26 (Advanced/Invention);
B31B150/00 B31B160/10 (Advanced/Non-invention)**CPC:** B31B2160/10 B31B70/00 B31B70/006 B31B70/14 B31B70/88 B31B2150/00 B31B2160/102 B31B70/26 B31B2155/00[Classification Explorer](#)**Cited documents:** US6056192 A, US2009282783 AA, FR2544288 A1,**Abstract:**

A process for producing rectangular-faced enclosures, such as stationery envelopes, by (i) cutting plural same-size rectangular sheets from a foldable material, and (ii) folding each rectangular sheet to form a rectangular-faced enclosure, without cutting the sheet any further, wherein the width of the foldable material is a multiple of the width or length of the sheet. Generation of scrap material is thereby minimised or even eliminated. The foldable material may be paper or plastic, e.g. made of split polyethylene or polyethylene fibres. It may come in the form of rolls or big sheets, preferably of a size in accordance with an international standard, e.g. A0, A1 or A2. Printing 14 on the foldable material may take place before cutting. Preferably marks are made on each rectangular sheet to indicate lines for folding and scoring is applied to facilitate folding. Furthermore, adhesive may be applied in between cutting and folding, so that the shape of the rectangular-faced enclosure or envelope is maintained after folding. An apparatus suitable for implementing the aforementioned process, comprising a cutting apparatus 16 and a folding apparatus 20, is also claimed. The apparatus may be computer controlled and the computer program for controlling it is also claimed.



Title:

VERPACKUNGSFOLIE SOWIE VORRICHTUNG ZUR HERSTELLUNG EINER SOLCHEN PACKAGING FOIL AS WELL AS DEVICE FOR THE PRODUCTION OF SUCH (Machine translation)

Priority:

DE201620106565U 20161123

Family:

Publication number	Publication date	Application number	Application date
DE202016106565 U1	20170406	DE201620106565U	20161123

Probable Assignee:

PETROPLAST GMBH CHEMIKALIEN U KUNSTSTOFFE

Assignee(s):(std):

PETROPLAST GMBH CHEMIKALIEN U KUNSTSTOFFE

International class

B65D65/38 B65D75/58 (Advanced/Invention)

(IPC 8-9):

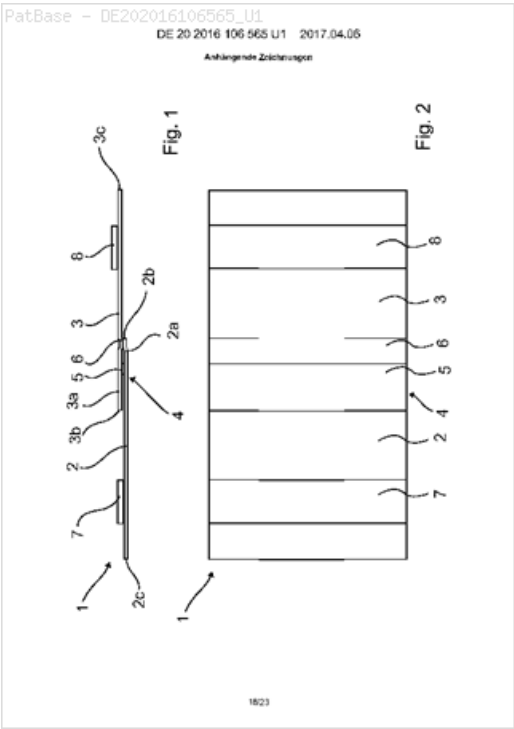
CPC:

B65D65/38 B65D75/58 B65D75/5855 B65D85/76 B65D2575/586 B65B9/00 B65B25/068 B31B70/62 B31B2155/00 B31B2155/001 B31B2160/10 B32B27/08 B32B27/10 B32B27/32 B32B29/005

[Classification Explorer](#)

Abstract:

Source: DE202016106565U1 [DE] Verpackungsfolie (1), insbesondere zur Herstellung von Schlauchbeuteln (36), umfassend zwei ein- oder mehrschichtige Folienbahnen (2, 3), die parallel zueinander ausgerichtet und derart angeordnet sind, dass ihre einander zugewandten inneren Randbereiche (2a, 3a) unter Bildung eines ueberlappungsbereiches (4) aufeinander liegen, wobei die beiden Folienbahnen (2, 3) in dem ueberlappungsbereich (4) loesbar miteinander verbunden sind, dadurch gekennzeichnet, dass die beiden Folienbahnen (2, 3) durch einen insbesondere durch Aufspruehen hergestellten Klebestreifen (5) aus einem Hotmelt und eine Siegelnaht (6) miteinander verbunden sind, die sich in dem ueberlappungsbereich (4) parallel zueinander in einer Laengsrichtung der Folienbahnen (2, 3) erstrecken und nebeneinanderliegend angeordnet sind. **Machine translation:** Foil (1), in particular for the production of tubular bags (36), comprehensive two-way single - or multi-layer foil (2, 3), which are aligned parallel to each other and arranged in such a way that their facing each other inner edges (2a, 3a), forming an overlap area (4) each other be, except that the two film strips (2, 3) in the overlap area (4) are detachably connected, characterised in that the two film strips (2, 3) adhesive tape produced by one in particular by spraying (5) from a hot melt and a sealed seam (6) connected, the in the overlap area (4) parallel to each other in a longitudinal direction of the film Webs (2, 3) extend and are arranged horizontally side by side.

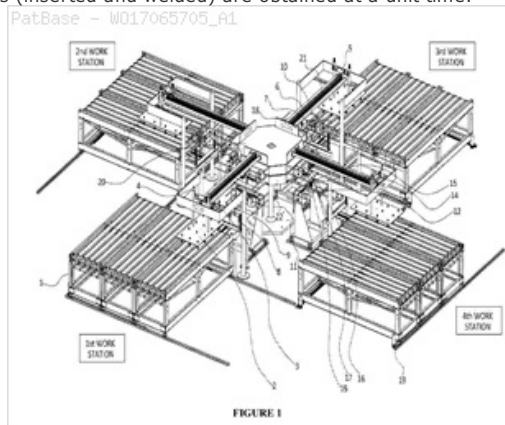


Title: AUTOMATIC SACK INSERTING MACHINE FOR POLYPROPYLENE AND POLYETHYLENE SACK**Priority:** WO2015TR00328 20151012

Family:	Publication number	Publication date	Application number	Application date
	TR201617083 T1	20180424	TR20160017083T	20151012
	WO17065705 A1	20170420	WO2015TR00328	20151012

Probable Assignee: GOEKHAN BAKIR**Assignee(s):(std):** BAKIR GOEKHAN ; GOEKHAN BAKIR**Inventor(s):(std):** BAKIR GOEKHAN ; GOEKHAN BAKIR**Agent(s):** AHMET BAYRAM**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class** B31B19/60 B31B37/00 (Advanced/Invention)**(IPC 8-9):****CPC:** B31B2160/20 B31B70/00 B31B70/022 B31B70/04 B31B70/60 B31B70/64 B31B2150/00 B31B2155/00 B31B2160/10 B31B2170/202[Classification Explorer](#)**Cited documents:** TR201302136 B, EP2886319 A1, EP0140360 A2,**Abstract:**

This invention is related to the transportation of PP and PE sacks to the work stations via conveyor band systems and then automatically inserting the PE sacks into the that of PP and automatically welding (sticking) the mouths of the PP and PE sacks which are already inserted. The system consists of the combined four work stations. As a result of their operations, there are independent work between the 1st, 2nd, the 3rd and the 4th work station. So, while for getting inserted the first final sack (inserted and welded) the 1st work station is only operated, and for getting the 2nd, 3rd and 4th final sack, the 2nd, the 3rd and the 4th work station are independently operated. So that, the 4 final sacks (inserted and welded) are obtained at a unit time.



Title: PACKAGING UNIT FOR A DISPOSABLE HYGIENE ARTICLE AND METHOD OF FORMING THE PACKAGING UNIT

Priority: WO2015SE51102 20151016

Family:	Publication number	Publication date	Application number	Application date
	AU2015411739 AA	20170420	AU20150411739	20151016
	BR112018001868 A2	20180918	BR20181101868	20151016
	CN108135762 A	20180608	CN201580083333	20151016
	CO20180004043 A2	20180731	CO20180004043	20180416
	EP3362018 A1	20180822	EP20150906324	20151016
	MX2018004522 A1	20180627	MX20180004522	20151016
	US2018256417 AA	20180913	US20150759585	20151016
	WO17065661 A1	20170420	WO2015SE51102	20151016

Probable Assignee: SCA HYGIENE PROD AB

Assignee(s):(std): ESSITY HYGIENE AND HEALTH AB ; SCA HYGIENE PROD AB

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

Inventor(s):(std): JUAN SEBASTIAN SANCHEZ VALDES ; NATALIA MARIA PETRO BEDOYA ; PETRO BEDOYA NATALIA MARIA ; SANCHEZ VALDES JUAN SABASTIAN ; SANCHEZ VALDES JUAN SEBASTIAN

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; ZACCO SWEDEN AB

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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

International class (IPC 8-9): A61F13/551 B65D65/14 B65D75/20 (Advanced/Invention)

International class (IPC 1-7): A61F13/551 B65D65/14 B65D75/20

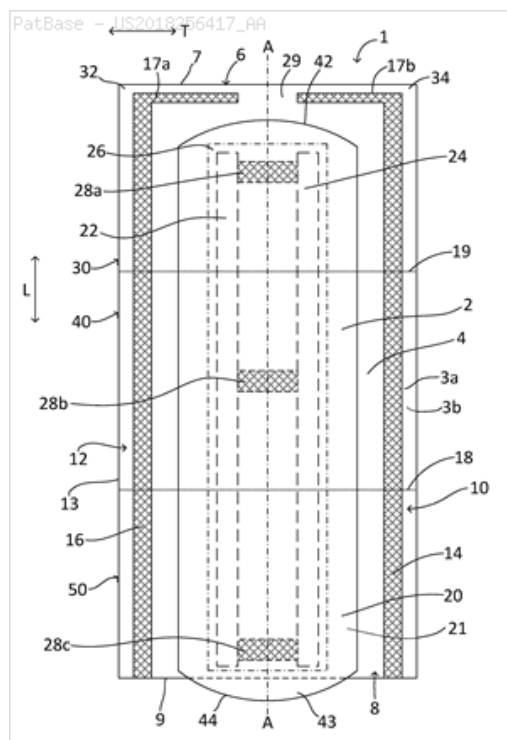
CPC: A61F13/15747 A61F13/5514 B65D65/14 B65D75/20

[Classification Explorer](#)

Cited documents: WO9952485 A1, WO8810219 A1, WO15060755 A1, WO15002332 A2, WO13031647 A1, WO04069684 A1, US2018243146 AA, US2016228309 AA, US2011104459 AA, CN1895197 A,

Abstract:

A packaging unit includes a sheet of packaging material and a disposable hygiene article extending in a longitudinal direction of the elongated sheet and placed on the inner surface of the sheet such that it fits within an area limited by side edge zones and a first longitudinal end zone. The unit is formed by folding the elongated sheet and the disposable hygiene article. The first longitudinal end zone includes at least two adjacent, in the direction transverse to the longitudinal direction of the elongated sheet, resealable adhesive coating strings that extend along the length of the first longitudinal end zone and the strings are arranged such that a central adhesive free area is formed. This adhesive area functions as a gripping gap. A method of forming the packaging unit is also described.



Title:

BOTTOM FOLD BAG AND METHOD OF MAKING SAME

Priority:

US20160312022P 20160323 US20170464422 20170321

Family:

Publication number	Publication date	Application number	Application date
CA2959777 AA	20170923	CA20172959777	20170303
US2017274613 AA	20170928	US20170464422	20170321

Probable Assignee:

SPG HOLDINGS LLC

Assignee(s):(std):

SPG HOLDINGS LLC

Assignee(s):

STAFFORD THOMAS I III

Inventor(s):(std):

STAFFORD III THOMAS I ; STAFFORD THOMAS I III

Inventor(s):

STAFFORD THOMAS I

Agent(s):

BLAKE CASSELS AND GRAYDON LLP

International class (IPC 8-9):

B31B29/60 B31B70/26 B31B70/62 B65D30/02 B65D30/08 B65D30/10 B65D30/20 (Advanced/Invention)

CPC:

B65D31/04 B31B19/26 B31B19/62 B31B19/64 B31B19/68 B31B19/16 B31B2219/145 B31B2219/2681 B31B2219/6007 B31B2219/603 B31B2219/6084 B31B2237/10 B65D31/10 B31B23/00 B31B70/04 B31B70/146 B31B70/261 B31B2155/0012 B31B2155/0014 B31B2160/106 B31B70/00 B31B70/16 B31B70/26 B31B70/262 B31B70/62 B31B70/64 B31B70/68 B31B2155/00 B31B2160/10

[Classification Explorer](#)

Cited documents:

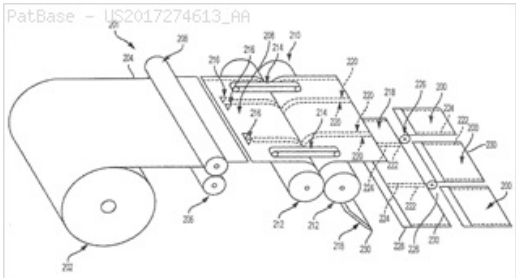
US3908888 A, US3773596 A, US3184149 A, US2326931 A, US2006230588 AA,

Forward Citations:

CN106626526,

Abstract:

Bags for containing various retail items, such as food items, and methods of forming the same. In some aspects, a bag having a top and bottom is provided. The bags can include a first layer and a second layer opposite the first layer and uniformly extending from the first layer. In some aspects, the bag can further include a first side seam between a side of the first layer and an opposing side of the second layer and a second side seam between a side of the second layer and an opposing side of the second layer. The first layer and the second layer each have an un-folded edge substantially parallel to the bottom fold. In some aspects, the bags include a bottom V-shaped fold extending along a transverse axis relative to the first side seam and the second side seam, the bottom V-shaped fold forming a seamless bottom.



Title:	RECLOSABLE POLYMERIC BAG			
Priority:	US20160220842 20160727			
Family:	Publication number	Publication date	Application number	Application date
	CA2970881 AA	20180127	CA20172970881	20170615
	US2018029324 AA	20180201	US20160220842	20160727

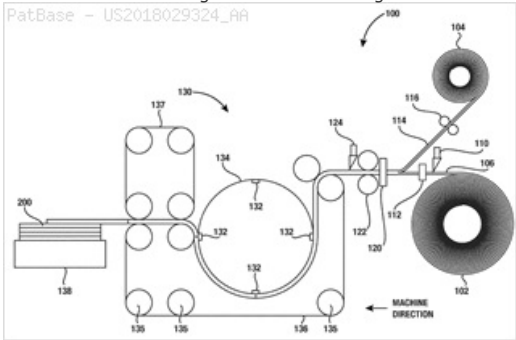
Probable Assignee: POLY AMERICA L P
Assignee(s):(std): POLY AMERICA L P
Assignee(s): POLY AMERICA LP ; COBLER BRAD A
Inventor(s):(std): COBLER BRAD A
Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP
International class (IPC 8-9): B31B1/18 B31B1/62 B31B1/64 B31B1/90 B31B23/00 B31B70/60 B31B70/81 B65D33/25 (Advanced/Invention)

CPC: B31B1/90 B31B1/62 B31B1/64 B31B1/18 B31B2219/146 B31B2219/6061 B31B2219/6007 B31B2219/9019 B31B2237/60 B65D33/2566 B31B23/00 B31B70/005 B31B70/10 B31B70/14 B31B70/262 B31B70/642 B31B70/645 B31B70/649 B31B70/98 B31B2155/0014 B31B2155/003 B65D33/2508 B31B50/18 B31B50/62 B31B50/64 B31B50/81 B31B70/00 B31B70/18 B31B70/62 B31B70/8132 B31B2155/00 B31B2160/10

[Classification Explorer](#)

Cited documents: US9370899 BB, US8317670 BB, US7552573 BB, US7326164 BB, US6588177 BA, US6293896 BA, US5094707 A, US4892512 A, US4690280 A, US4635294 A, US4629524 A, US4528224 A, US4341575 A, US4016806 A, US3948705 A, US3839128 A, US3679511 A, US3608439 A, US3219084 A, US2444685 A, US2017113843 AA, US2016311580 AA, US2010220940 AA, US2007183692 AA, US2005070412 AA,

Abstract:
The present invention relates to improvements for reclosable polymeric bags. Disclosed is a polymeric film bag with film made from a blown film extrusion or a cast extrusion process. The bag is formed from a continuous multi-layer web of polymeric film. The bag comprises burn through side seals formed by a rotary drum that forms the sides of the bag and severs the film of the multi-layer film to form individual bags. Interlocking zipper stock is provided to the web and affixed to an upper end of the bag by an adhesive. Further disclosed is a high-speed continuous process and system for manufacturing the reclosable bags.



Title: MULTI-COMPARTMENT PACKAGE FOR FEMININE HYGIENE PRODUCTS**Priority:** US20170461711 20170317

Publication number	Publication date	Application number	Application date
US2018263828 AA	20180920	US20170461711	20170317

Probable Assignee: HARPER REGINA**Assignee(s):(std):** HARPER REGINA ; HARPER TERANCE**Inventor(s):(std):** HARPER REGINA ; HARPER TERANCE**International class** A61F13/551 B65D65/14 B65D65/38 B65D75/58 (Advanced/Invention)
(IPC 8-9):**CPC:** A61F13/5519 A61F13/55145 A61F13/5514 B65D2575/586 B65D65/38 B65D75/5855 B65D2565/384 B65D65/14[Classification Explorer](#)**Abstract:**

A multi-compartment package (MCP) for feminine hygiene products is disclosed. The MCP may be configured to provide both a feminine hygiene pad and a sanitary wipe in the same package. The MCP may be opened to reveal respective internal compartments for the feminine hygiene pad and a sanitary wipe. These compartments may be separated by way of a compartment divider. Such a configuration may keep a feminine hygiene pad in a desired dry state while still providing a moistened sanitary wipe. An MCP may alleviate the necessity of carrying separate containers for each type of product, instead providing both in a single form factor.

