

Search query (2): [SP]: technical field[0001] the present disclosure relates to a method for forming a wrapping sheet for hygiene articles, wherein the wrapping sheet provides a tightly sealed package both when packaging a new and disposing of a used hygiene article.background[0002] disposable hygiene articles, such as sanitary napkins and panty liners, are normally packaged individually in e.g. a single wrap or a quick wrap. a single wrap is formed from a sheet of material, such as a plastic film. in order to prevent the garment-affixing adhesive, provided on the garment-facing side of a hygiene article, from being caught by the single wrap material, the garment-affixing adhesive is usually protected by a release liner formed from a material having a low adhesive force to the garment-affixing adhesive. before arranging the hygiene article in the garment, the user has to remove the single wrap material, and subsequently remove the release liner, thus exposing the garment-affixing adhesive. using a single wrap has the disadvantage of introducing an additional step during handling of a hygiene article. in order to overcome this disadvantage, a quick wrap is offered, being a single wrap with a release paper permanently attached to it, for instance by means of a construction adhesive, which means that both the single wrap and the release liner are removed in one single step.[0003] individual packages facilitate hygienic carrying of single articles for future use, e.g. in a handbag. the edges of the individual packages are often sealed by means of ultrasonic welding or heat welding. further, the packaging units are often used both as a means for packaging an unused article and for disposal of the used article.[0004] it is desirable that used articles of this kind can be disposed of discretely and hygienically. this may be particularly important when the user lacks the possibility to dispose of the used article immediately after the used article has been replaced, e.g. when there is no waste bin available in the toilet area. in this case, the user may need to put the used article in e.g. her handbag or backpack, which requires the package to be adequately sealed in order to avoid staining and odour.[0005] one solution addressing the disposal problem has been suggested in wo 2013/162430, describing a wrapping sheet being formed from a sheet having at least one folding axis dividing the sheet into a first region and a second region. the inner surface of the first region comprises an inner edge portion and an outer edge portion, wherein one of the portions is provided with adhesive, and the other of the portions is adhesive-free. further, one of the inner and outer edge portions of the second region is either provided with adhesive or is adhesive-free in a complementary manner to the first region. thus, when the sheet is folded about the folding axis, the edge portions carrying adhesive in the first region are brought in contact with the adhesive-free edge portions in the second region, and the edge portions carrying adhesive in the second region are brought in contact with the adhesive-free edge portions in the first region. the wrapping sheet disclosed in wo 2013/162430 provides an improved sealing both when packaging a new hygiene article, and when the wrapping sheet is used for disposal of a soiled hygiene article.[0006] however, the manufacturing process of a wrapping sheet described in wo 2013/162430 may be adversely affected by the presence of adhesive zones. for instance, when the wrapping sheet of wo 2013/162430 is a quick wrap, the adhesive arranged at the edge portions of the wrapping sheet may have a negative impact on the step of arranging the release liner of the quick wrap.[0007] hence, there is a need for a method for forming a wrapping sheet which can be used both for packaging a new hygiene article and for hygienic keeping and disposal of the used hygiene article, which is aesthetically appealing and which facilitates manufacturing.summary[0008] the present disclosure provides a method for forming a wrapping sheet for hygiene articles which substantially eliminates the drawbacks of the methods for forming packaging units discussed above.[0009] the present disclosure provides a method for forming a wrapping sheet providing a possibility of forming a tight package both for a new and a used article, thus keeping the new article sanitary and clean prior to use, and eliminating the risk of staining and odour when a used article is packaged. the wrapping sheet manufactured according to the method of the present disclosure is easy to unfold and reseal, is aesthetically appealing, and provides facilitated manufacturing.[0010] as used herein, the term "inner surface" refers to the surface of the wrapping sheet facing the product positioned inside the packaging unit, and the term "outer surface" refers to the surface opposite to the inner surface, i.e. the surface facing the ambient.[0011] by the term "edge zone" is meant the portion of the wrapping sheet adjacent to the edges of the packaging unit. the width of an edge zone may be varied.[0012] the term "inner edge portion" refers to the portion of the edge zone positioned towards the centreline of the packaging unit.[0013] the term "outer edge portion" refers to the portion of the edge zone positioned towards the edge of the packaging unit.[0014] the term "central portion" refers to the portion of the wrapping sheet excluding the edge zone.[0015] by the term "single ply" is meant a wrapping sheet comprising a single ply of a coherent material. the examples of a single ply wrapping sheet may be a plastic film, such as a polyethylene film, a nonwoven material, a metallic foil or the like. a single ply material may be a non-homogenous material such as a plastic film material comprising integrated layers or a nonwoven material having varying fibre composition in different parts of the material. a single ply material as used herein does not comprise materials having separable layers.[0016] by the term "laminated" is meant a wrapping sheet comprising at least two united separable plies of material that can be the same or different. in the context of the present disclosure, the laminate may for example be constituted of two separable plies of plastic film, a film and nonwoven, two plies of nonwoven or the like.[0017] by the term "permanently attached" is meant two surfaces being in such a contact with each other that it is not possible to break the contact without affecting either or both surfaces.[0018] "releasably affixed" means two surfaces being bonded to each other such that the bond may be readily broken without affecting the surfaces.[0019] by the term "resealable adhesive" is meant an adhesive that provides a non-permanent adhesive bond between two adherent surfaces, i.e. a bond that may be broken by applying a pulling force to the adherent, and recreated by applying a pressing force to the adherent.[0020] a method according to the present disclosure is suitable for forming a wrapping material for hygiene articles from a continuous web of wrapping sheets. each wrapping sheet has an inner surface and an outer surface, wherein the inner surface comprises an edge zone comprising an inner edge portion and an outer edge portion. the wrapping sheet has at least one first folding axis dividing the wrapping sheet into a first region and a second region, wherein the first region comprises a first central portion, and the second region comprises a second central portion.[0021] the method according to the present disclosure comprising the steps of: a. 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 in a complementary manner to the edge zone of the first region. 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.[0025] the steps a-c are performed simultaneously. in other words, the first resealable adhesive and the second adhesive are applied simultaneously as a single manufacturing step. this is a great advantage since the manufacturing process is facilitated, and the risk of the subsequent steps of the manufacturing sequence being affected by the presence of the first resealable adhesive at the edge zones is minimized.[0026] the width of the adhesive-covered edge portions may be varied depending on the adhesive strength desired. the wider the adhesive-covered edge zones, the stronger the sealing. the width of the adhesive-covered edge portions may be same or different in the different regions.[0027] preferably, the length of the adhesive-covered edge portions in each region is equal to the length of each region. also, the length of the adhesive-covered edge portions in each region may be shorter than the length of each region.[0028] the entire first and/or second central portion may be provided with the second adhesive. preferably, only a portion of the first and/or the second central portions is provided with the second adhesive. such an embodiment has the advantage of minimizing the consumption of the second adhesive, and consequently the manufacturing costs. further, if only a portion of the first and/or second central portion is provided with th

Results: 53

Search history

Search PN=(wo2015190965) (Results 1)

1:

Search [SP]: technical field[0001] the present disclosure relates to a method for forming a wrapping sheet for hygiene articles, wherein the wrapping sheet provides a tightly sealed package both when packaging a new and disposing of a used hygiene article.background[0002] disposable hygiene articles, such as sanitary napkins and panty liners, are normally packaged individually in e.g. a single wrap or a quick wrap. a single wrap is formed from a sheet of material, such as a plastic film. in order to prevent the garment-affixing adhesive, provided on the garment-facing side of a hygiene article, from being caught by the single wrap material, the garment-affixing adhesive is usually protected by a release liner formed from a material having a low adhesive force to the garment-affixing adhesive. before arranging the hygiene article in the garment, the user has to remove the single wrap material, and subsequently remove the release liner, thus exposing the garment-affixing adhesive. using a single wrap has the disadvantage of introducing an additional step during handling of a hygiene article. in order to overcome this disadvantage, a quick wrap is offered, being a single wrap with a release paper permanently attached to it, for instance by means of a construction adhesive, which means that both the single wrap and the release liner are removed in one single step.[0003] individual packages facilitate hygienic carrying of single articles for future use, e.g. in a handbag. the edges of the individual packages are often sealed by means of ultrasonic welding or heat welding. further, the packaging units are often used both as a means for packaging an unused article and for disposal of the used article.[0004] it is desirable that used articles of this kind can be disposed of discretely and hygienically. this may be particularly important when the user lacks the possibility to dispose of the used article immediately after the used article has been replaced, e.g. when there is no waste bin available in the toilet area. in this case, the user may need to put the used article in e.g. her handbag or backpack, which requires the package to be adequately sealed in order to avoid staining and odour.[0005] one solution addressing the disposal problem has been suggested in wo 2013/162430, describing a wrapping sheet being formed from a sheet having at least one folding axis dividing the sheet into a first region and a second region. the inner surface of the first region comprises an inner edge portion and an outer edge portion, wherein one of the portions is provided with adhesive, and the other of the portions is adhesive-free. further, one of the inner and outer edge portions of the second region is either provided with adhesive or is adhesive-free in a complementary manner to the first region. thus, when the sheet is folded about the folding axis,

the edge portions carrying adhesive in the first region are brought in contact with the adhesive-free edge portions in the second region, and the edge portions carrying adhesive in the second region are brought in contact with the adhesive-free edge portions in the first region. the wrapping sheet disclosed in wo 2013/162430 provides an improved sealing both when packaging a new hygiene article, and when the wrapping sheet is used for disposal of a soiled hygiene article.[0006] however, the manufacturing process of a wrapping sheet described in wo 2013/162430 may be adversely affected by the presence of adhesive zones. for instance, when the wrapping sheet of wo 2013/162430 is a quick wrap, the adhesive arranged at the edge portions of the wrapping sheet may have a negative impact on the step of arranging the release liner of the quick wrap. [0007] hence, there is a need for a method for forming a wrapping sheet which can be used both for packaging a new hygiene article and for hygienic keeping and disposal of the used hygiene article, which is aesthetically appealing and which facilitates manufacturing.summary[0008] the present disclosure provides a method for forming a wrapping sheet for hygiene articles which substantially eliminates the drawbacks of the methods for forming packaging units discussed above.[0009] the present disclosure provides a method for forming a wrapping sheet providing a possibility of forming a tight package both for a new and a used article, thus keeping the new article sanitary and clean prior to use, and eliminating the risk of staining and odour when a used article is packaged. the wrapping sheet manufactured according to the method of the present disclosure is easy to unfold and reseal, is aesthetically appealing, and provides facilitated manufacturing.[0010] as used herein, the term "inner surface" refers to the surface of the wrapping sheet facing the product positioned inside the packaging unit, and the term "outer surface" refers to the surface opposite to the inner surface, i.e. the surface facing the ambient.[0011] by the term "edge zone" is meant the portion of the wrapping sheet adjacent to the edges of the packaging unit. the width of an edge zone may be varied.[0012] the term "inner edge portion" refers to the portion of the edge zone positioned towards the centreline of the packaging unit.[0013] the term "outer edge portion" refers to the portion of the edge zone positioned towards the edge of the packaging unit.[0014] the term "central portion" refers to the portion of the wrapping sheet excluding the edge zone.[0015] by the term "single ply" is meant a wrapping sheet comprising a single ply of a coherent material. the examples of a single ply wrapping sheet may be a plastic film, such as a polyethylene film, a nonwoven material, a metallic foil or the like. a single ply material may be a non-homogenous material such as a plastic film material comprising integrated layers or a nonwoven material having varying fibre composition in different parts of the material. a single ply material as used herein does not comprise materials having separable layers.[0016] by the term "laminated" is meant a wrapping sheet comprising at least two united separable plies of material that can be the same or different. in the context of the present disclosure, the laminate may for example be constituted of two separable plies of plastic film, a film and nonwoven, two plies of nonwoven or the like.[0017] by the term "permanently attached" is meant two surfaces being in such a contact with each other that it is not possible to break the contact without affecting either or both surfaces.[0018] "releasably affixed" means two surfaces being bonded to each other such that the bond may be readily broken without affecting the surfaces.[0019] by the term "resealable adhesive" is meant an adhesive that provides a non-permanent adhesive bond between two adherent surfaces, i.e. a bond that may be broken by applying a pulling force to the adherent, and recreated by applying a pressing force to the adherent.[0020] a method according to the present disclosure is suitable for forming a wrapping material for hygiene articles from a continuous web of wrapping sheets. each wrapping sheet has an inner surface and an outer surface, wherein the inner surface comprises an edge zone comprising an inner edge portion and an outer edge portion. the wrapping sheet has at least one first folding axis dividing the wrapping sheet into a first region and a second region, wherein the first region comprises a first central portion, and the second region comprises a second central portion.[0021] the method according to the present disclosure comprising the steps of: a. 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-freeb. 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 in a complementary manner to the edge zone of the first regionc. 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.[0025] the steps a-c are performed simultaneously. in other words, the first resealable adhesive and the second adhesive are applied simultaneously as a single manufacturing step. this is a great advantage since the manufacturing process is facilitated, and the risk of the subsequent steps of the manufacturing sequence being affected by the presence of the first resealable adhesive at the edge zones is minimized.[0026] the width of the adhesive-covered edge portions may be varied depending on the adhesive strength desired. the wider the adhesive-covered edge zones, the stronger the sealing. the width of the adhesive-covered edge portions may be same or different in the different regions.[0027] preferably, the length of the adhesive-covered edge portions in each region is equal to the length of each region. also, the length of the adhesive-covered edge portions in each region may be shorter than the length of each region.[0028] the entire first and/or second central portion may be provided with the second adhesive. preferably, only a portion of the first and/or the second central portions is provided with the second adhesive. such an embodiment has the advantage of minimizing the consumption of the second adhesive, and consequently the manufacturing costs. further, if only a portion of the first and/or second central portion is provided with th (Results 53)

1) Family number: 22903364 (US3217871A)

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Title: PEELABLE SEAL PACKAGE

Abstract: Source: US3217871A [EN] (Claim 1) 1. A package for an object comprising a pair of opposed sheets for enclosing the object therebetween with peripheral portions of said sheets extending beyond the edges of said object, and bonding means for securing the opposed marginal portions of said sheets about the periphery thereof, said bonding means comprising a pair of opposed thermoresponsive coatings applied to at least the marginal portions of the respective sheets, at least one of said coatings being discontinuous to expose closely spaced small surface portions of the sheet bearing said one coating, the coating on the other of said sheets having spaced portions thereof adherent to the exposed surface portions of said first mentioned sheet, the opposed contacting portions of said coatings being in nont-adherent relation to each other over a wide range of temperatures the spacing of the adherent areas of said sheets providing a seal resistant to delamination by forces applied in the plane of the seal areas yet permitting said sheets to be delaminated and progressively separated from each other to expose the enclosed object upon displacing opposed portions of said sheets away from each other and peeling said displaced sheet portions away from each other and in directions at right angles to the plane of the bonded sheet portions.

Classifications:

International (IPC 8-9): B65D33/36 B65D75/30 B65D75/58

B65D75/60 (Advanced/Invention);

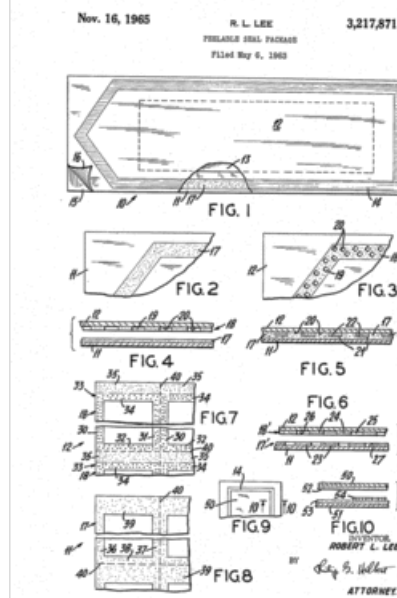
B65D33/36 B65D75/28 B65D75/52 (Core/Invention)

International (IPC 1-7): B65D77/02 B65D85/00

CPC: B65D75/30 B65D75/5855

European: B65D75/30 B65D75/58F L65D75/30

US: 206/440 206/484.2 229/80 383/211 426/123

**Family:**

Publication number	Publication date	Application number	Application date
US3217871 A	19651116	US19630278374	19630506

Priority:

US19630278374 19630506

Probable Assignee:

ACME BACKING CORP

Assignee(s): (std):

ACME BACKING CORP

Inventor(s): (std):

LEE ROBERT L

2) Family number: 1183618 (US3913580A)

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Title: ADHESIVELY ATTACHED ABSORBENT PRODUCT

Abstract: Source: US3913580A [EN] An absorbent product is disclosed which includes a fluid impervious barrier sheet at one side thereof adhered to an absorbent pad that is surrounded, at least in part, by a fluid pervious cover to be positioned against the body of the wearer. The barrier sheet includes a central strip of pressure sensitive adhesive for adhering the absorbent product to a garment, and a protective cover strip is releasably adhered to the pressure sensitive adhesive. The barrier sheet is secured in place by a plurality of spaced parallel lines of adhesive on the surface thereof opposite to the strip of pressure sensitive adhesive. This surface also includes a band of adhesive in alignment with the strip of pressure sensitive adhesive to reinforce the mid-portion of the product and prevent different sections of the strip of pressure sensitive adhesive from inadvertently adhering to one another once the protective cover strip has been removed. The band of adhesive includes a rectangular area generally coextensive with the length of the absorbent pad, and a plurality of lines of adhesive extend outwardly from opposite ends of the generally rectangular area into the tab portions of the product. Such lines of adhesive are spaced from one another by a distance generally the same as the distance between the lines of adhesive outwardly of the adhesive band.

Classifications:

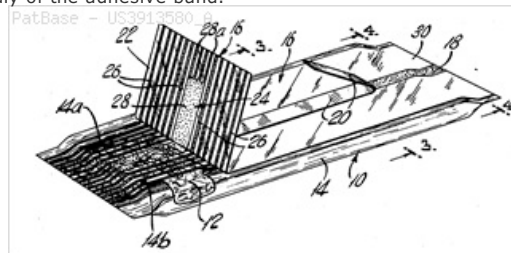
International (IPC 8-9): A61F13/15 A61F13/472 A61F13/49 A61F13/56 A61F13/58 (Advanced/Invention); A61F13/56 (Advanced/Non-invention); A61F13/15 A61F13/56 (Core/Invention); A61F13/56 (Core/Non-invention)

International (IPC 1-7): A41B13/02 A61F13/00 A61F13/02 A61F13/16 A61F13/18 A61F13/20 A61L15/06

CPC: Y10T428/24802 A61F13/515 A61F13/534 A61F13/539 A61F13/58 A61F2013/15821 A61F2013/51409 A61F2013/530131 A61F2013/53445 A61F2013/53908 A61F2013/582

European: A61F13/515 A61F13/539 K61F13/15M11 K61F13/514A4 K61F13/534 K61F13/534C K61F13/539 K61F13/539A K61F13/53M K61F13/58 K61F13/58C

US: 128/290W 156/290 428/195.1 604/370 604/374 604/377 604/387 604/390

**Family:**

Publication number	Publication date	Application number	Application date
AU197585084 A1	19770303	AU19750085084	19750923
CA1056103 A1	19790612	CA19750237674	19751015
DE2546208 A1	19760422	DE19752546208	19751015
IE41811 B	19800326	IE19750002243	19751015

IE41811 L	19760416	IE19750002243	19751015
JP1242680 C3	19841214	JP19750123327	19751015
JP51085297 A2	19760726	JP19750123327	19751015
JP59013212 B4	19840328	JP19750123327	19751015
US3913580 A	19751021	US19740515387	19741016
ZA7506523 A	19770525	ZA19750006523	19751015

Priority:

US19740515387 19741016

Probable Assignee: MCNEIL PPC INC

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

Assignee(s): PERSONAL PRODUCTS COMPANY ; GINOCCHIO JAMES A ; MCNEIL PPC INC ; PAASONARU PURODAKUTSU CO ; PERSONAL PROD CO

Inventor(s): (std): GINOCCHIO J ; GINOCCHIO JAMES ; GINOCCHIO JAMES A ; JEIMUZU GINOCCHIO

Inventor(s): JAMES GINOCCHIO

3) Family number: 1284515 (US3957569A)

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Title: APPARATUS FOR SEVERING AND SEALING THE ENDS OF A MULTI-PLY PAD

Abstract: Source: US3957569A [EN] A multi-ply pad, such as a disposable diaper, is cut from a series of interconnected pads by a combined severing and sealing tool having a knife blade which severs through the multi-ply links on which the pads are serially interconnected. The knife edge is immediately followed by a blunt heel which seals the multiple plies of sheet material together. Accordingly, when the separated pads are sequentially handled to be folded, the multiple plies at one end of the pad will not flare or otherwise become disoriented with respect to each other and to the pad. This greatly facilitates and simplifies handling of the pads after they are severed.

Classifications:

International (IPC 8-9): A61F13/15 B29C65/74 (Advanced/Invention);

A61F13/15 B29C65/74 (Core/Invention)

International (IPC 1-7): B32B31/18 B32B31/20

CPC: B29C66/8167 B29C65/18 A61F13/15739 B29C65/743 B29C66/346

B29C66/81419 B29C66/83411 B29C66/83511 B29L2031/4878

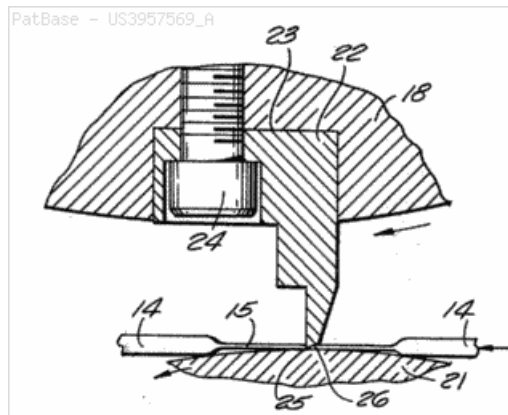
Y10T156/1313 Y10T156/1326 B29C66/431 B29C66/1122

European: A61F13/15M6D B29C65/18 B29C65/743 B29C65/74D

B29C66/83411 B29C66/8351 B29C66/83511 L29C66/346 L29C66/8167

L29L31/48E2

US: 156/515 156/518 156/582 493/343



Family:

Publication number	Publication date	Application number	Application date
US3957569 A	19760518	US19750544548	19750127

Priority:

US19750544548 19750127

Probable Assignee: JOA CURT G INC

Assignee(s): (std): JOA CURT G INC

Assignee(s): CURT G JOA INC

Inventor(s): (std): FREITAG LUDWIG W

4) Family number: 1518862 (US4058426A)

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Title: METHOD AND APPARATUS FOR WRAPPING OBJECTS WITH A SEALABLE WRAP

Abstract: Source: US4058426A [EN] A parallelogram linkage controls the speed of a sealing and cutting bar while in engagement with a polyethylene wrap while the wrap is being sealed around an object moving along a conveyor. The linkage assures synchronism between the speeds of the sealing and cutting bar and a resilient roller between which the wrap is pressed during sealing and cutting. Pressure on the sealing and cutting bar is controlled by an adjustable but controllable air pressure link. Sealable wrap is uniquely stored on the top and bottom sides of the conveyor such that it may be freely released when the object engages a web formed by the initial sealing of the two wraps together at a wrapping station. Once the wraps have been cut and sealed to form a new web at the rear of the previously wrapped object, the web is drawn back to position it for engagement by the next object in the path. Also disclosed is the method of accumulating lightweight polyethylene-type films so that they may be easily pulled from the storage position for wrapping around an object moving along a path.

Classifications:

International (IPC 8-9): B65B11/58 B65B51/30

B65B9/02 (Advanced/Invention);

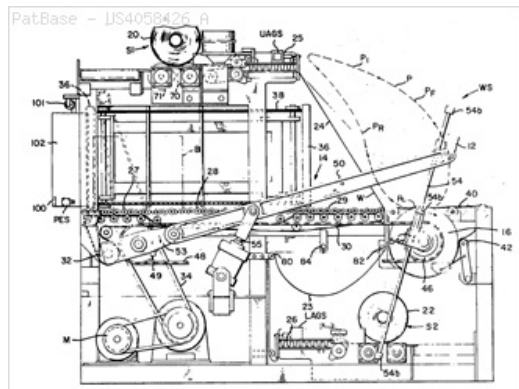
B65B51/26 B65B9/00 (Core/Invention)

International (IPC 1-7): B65B11/58

CPC: Y10T156/1028 Y10T156/1343 B65B9/026 B65B51/303

European: B65B51/30B B65B9/02C

US: 156/212 156/468 156/522 156/583.8 53/463 53/466 53/477 53/586



Family:

Publication number	Publication date	Application number	Application date
CA1055834 A1	19790605	CA19760261473	19760917
US4058426 A	19771115	US19760694081	19760609

Priority:

US19760694081 19760609

Probable Assignee: OVALSTRAPPING INC
Assignee(s): (std): OVALSTRAPPING INC
Assignee(s): PASIC JAMES A ; BERG MARVIN I
Inventor(s): (std): BERG MARVIN I ; PASIC JAMES A

5) Family number: 1636484 (US4192448A)

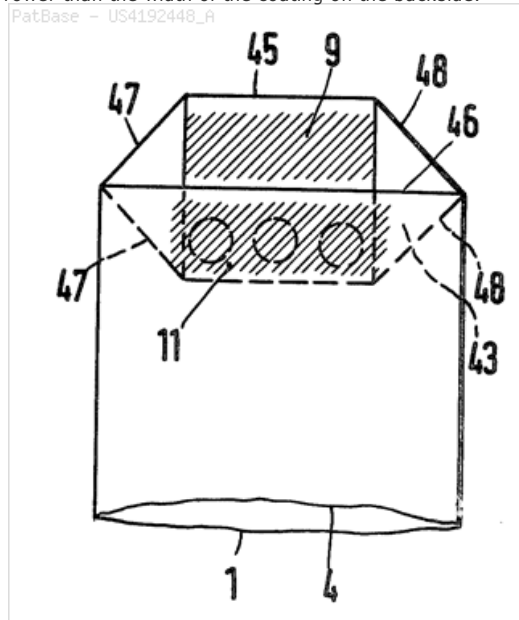
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Title: Self-sealing closure for mailing bags

Abstract: Source: US4192448A [EN] A self-sealing closure for mailing bags, envelopes, sacks, or similar articles, in which a strip-shaped dry latex, synthetic resin or adhesive gum coating is applied on the inside of a closure flap and on an edge zone of the backside of the mailing bag. A template flap is formed at the free end of the backside, and the magnitude of the contact area between coatings on the closure flap and the backside is variable. The template flap can be folded about a crease line, and in one position of the template flap, there is exposed a partial area of the adhesive contact surfaces, to produce a printed-matter closure. The template flap has another position in which there is exposed the complete area of the adhesive surfaces which may be brought into contact to produce a first-class letter type of seal. The template flap, moreover, has contact cutouts which may have circular, oblong, rectangular, oval or other shapes. The contact cutouts, moreover, are punched out in the vicinity of the front edge of the template flap. The width of the template flap may be narrower than the width of the coating on the backside.

Classifications:

International (IPC 8-9): B65D27/14 B65D27/18 (Advanced/Invention); B65D27/12 (Core/Invention)
International (IPC 1-7): B65D27/14 B65D27/16 B65D27/32 B65D33/20
CPC: B65D27/14
European: B65D27/14
US: 229/80 383/120 383/211 383/86



Family:

Publication number	Publication date	Application number	Application date
DE2706507 A1	19780817	DE19772706507	19770216
DE2706507 B2	19810212	DE19772706507	19770216
DE2706507 C3	19810924	DE19772706507	19770216
FR2380954 A1	19780915	FR19780004445	19780216
GB1592626 A	19810708	GB19780006214	19780216
JP1071287 C3	19811030	JP19780017523	19780216

JP54053078 A2	19790426	JP19780017523	19780216
JP56010266 B4	19810306	JP19780017523	19780216
SE7801625 A	19780816	SE19780001625D	19780213
US4192448 A	19800311	US19780876905	19780213

Priority:

DE19772706507 19770216

Probable Assignee: WILHELMSTAL ERNST AND SOHN GMBH

Assignee(s): (std): WILHELMSTAL ERNST AND SOHN GMBH

Assignee(s): WILHELMSTAL ERNST AND SOHN GMBH AND CO KG ; WILHELMSTAL ERNST AND SOHN GMBH AND CO KG 5600 RADEVORMWALD DE ; WILHELMSTAL ERNST AND SOHN GMBH AND CO KG 5608 RADEVORMWALD ; WILHELMSTAL ERNST SOHN GMBH CO K

Inventor(s): (std): PORTH E ; ERUBUIN PORUTO ; PORTH ERWIN

Inventor(s): E PORTH ; PORTH ERWIN 2283 WENNINGSTEDT DE ; PORTH ERWIN 2283 WENNINGSTEDT

6) Family number: 4564651 (US4483445A)

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Title: BAG WITH EASY OPENING CLOSURE AND HANDLE

Abstract: Source: US4483445A [EN] A bag for containing a flowable product comprises a plurality of panels hingedly coupled along fold lines, an opening at one end of the bag, and a flap hingedly coupled to one panel along a fold line for overlapping an opposite panel and closing the opening. An adhesive layer extends across the entire width of the flap to seal the flap to the opposite panel. The adhesive layer seal has a reduced bonding strength adjacent one end of the flap to facilitate opening of the flap at the reduced bond strength section. The flap after being sealed to the opposite panel, is reversely bent 180 DEG along with the sealed opposite panel about a lower fold line and portions of the fold extending inwardly from opposed distal ends of the bag are either adhesively tacked or stapled to the one panel to form a finger grip handle therebetween for carrying the bag and its contents. The end of the flap having the reduced bonding strength may be torn along a cut line separating the end from the finger grip handle so that the end may be readily unfolded, which is facilitated by the reduced bond, and the interior layers of the bag separated, to form a pouring spout for the contents.

Classifications:

International (IPC 8-9): B65D33/06 B65D33/16

B65D75/58 (Advanced/Invention);

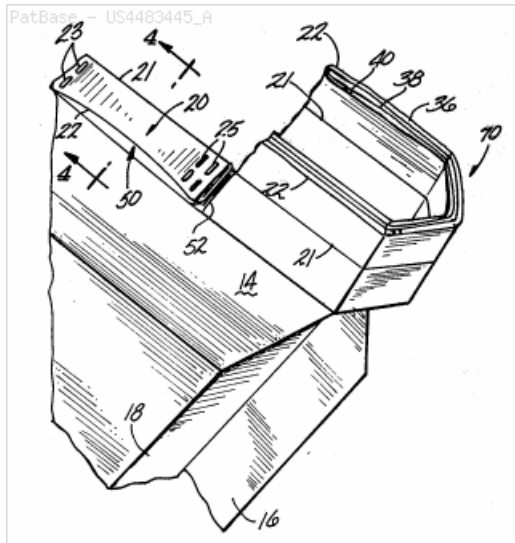
B65D33/06 B65D33/16 B65D75/52 (Core/Invention)

International (IPC 1-7): B65D33/06 B65D33/20

CPC: Y10S383/906 B65D75/5855 B65D33/06 B65D33/16

European: B65D33/06 B65D33/16 B65D75/58F

US: 206/621 206/632 229/17G 383/203 383/211 383/7 383/85 383/86 383/906



Family:

Publication number	Publication date	Application number	Application date
US4483445 A	19841120	US19820431219	19820930

Priority:

US19820431219 19820930

Probable Assignee: CHAMPION INT CORP

Assignee(s): (std): CHAMPION INT CORP

Assignee(s): STONE BROWN PAPER INC ; STONE BROWN PAPER INC A CORP OF ; CHAMPION INT ; CHAMPION INT A CORP OF NY CORP

Inventor(s): (std): HAIN PAUL O ; LEPISTO J GEORGE

7) Family number: 4908190 (US4555022A)

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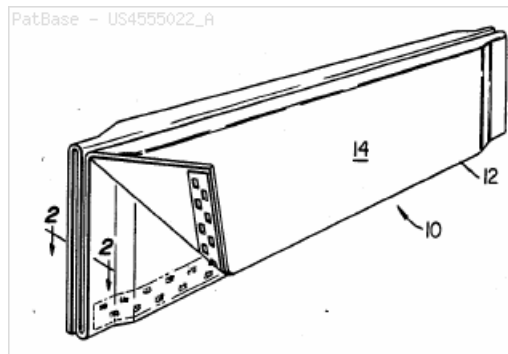
Title: Peel package sterile sanitary pads

Abstract: Source: US4555022A [EN] A sanitary pad package (10) is disclosed which includes a backing sheet (12) and a sterilizable absorbant sanitary pad (18). A peelable adhesive (24) is provided to enclose the sanitary pad (18) when the backing sheet (12) is folded about the midfold line (26). The peelable adhesive (24) includes an adhesive coating (28) and a coating (30) having openings (32) therethrough exposing the backing sheet (12). The adhesive coating (28) is activated so that the coating (28) enters the openings (32) to adhere to the backing sheet (12).

Classifications:

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

International (IPC 1-7): B65D75/00
CPC: A61F13/5514 A61F13/551 A61F2013/15113
European: A61F13/551B2B K61F13/15A14 K61F13/551
US: 206/438 206/440 206/441



Family:

Publication number	Publication date	Application number	Application date
US4555022 A	19851126	US19840577375	19840206

Priority:

US19840577375 19840206

Probable Assignee: EAGON VICKI L

Assignee(s): (std): EAGON VICKI L ; SHOWERS TOWANDA S

Inventor(s): (std): EAGON VICKI L ; SHOWERS TOWANDA S

8) Family number: 2580391 (US4781712A)

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Title: FEMININE PAD WITH ATTACHED DISPOSAL WRAP

Abstract: Source: US4781712A [EN] An absorbent napkin with infolding wrap consisting of an absorbent pad of elongated rectangular configuration with elongate edges defining a short and long dimension and having a body face and an outer face for engagement to clothing, a wrap member attached to at least one of the several elongated edges and adapted to fold along the one of the elongate edges of the members to inwrap the body face, and an adhesive member secured transversely of the wrap member for adhesive engagement to the clothing. The wrap members along the longer dimension are at least half-lengths of the long dimension of the absorbent pad.

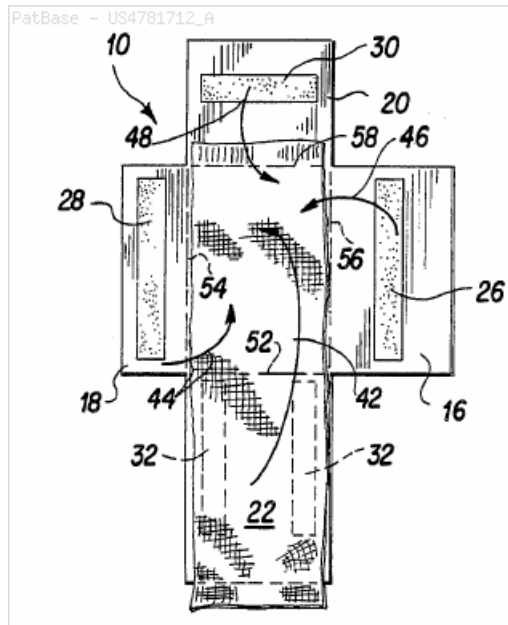
Classifications:

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

International (IPC 1-7): A61F13/16

CPC: A61F13/5515 A61F13/5514 A61F13/5611 A61F2013/55195
A61F2013/8402

European: A61F13/551B2B A61F13/56B2 K61F13/551J K61F13/84A
US: 604/385.1 604/385.201



Family:

Publication number	Publication date	Application number	Application date
US4781712 A	19881101	US19870037198	19870410

Priority:

US19870037198 19870410

Probable Assignee: PERSONAL HYGIENE RESEARCH ASSOCIATES

Assignee(s): (std): PERSONAL HYGIENE RESEARCH ASSO

Assignee(s): PERSONAL HYGIENE RESEARCH ASSOCIATES

Inventor(s): (std): BARABINO WILLIAM A ; DEAN RAYMOND S

Title: Folded flange sealed sanitary napkin

Abstract: Source: US4917675A [EN] A sanitary napkin is disclosed with flange sealing means for protecting the body-facing surface from dirt and deformation until the napkin is ready for use. The seal is provided by a wrapping member which extends over at least a portion of the absorbent element of the napkin. Upon folding the napkin about a transverse axis, the wrapping member is adhered to itself by an adhesive to protect the napkin.

Classifications:

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

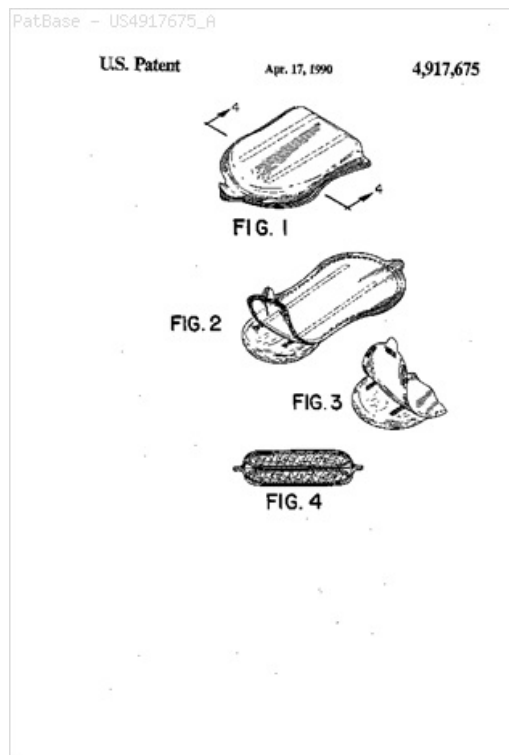
A61F13/15 (Core/Invention)

International (IPC 1-7): A61F13/15 A61F13/16

CPC: A61F13/551 A61F13/5514

European: A61F13/551B2B K61F13/551

US: 206/440 383/211 604/385.02 604/385.03 604/385.05 604/385.1



Family:

Publication number	Publication date	Application number	Application date
BRPI8903450 A	19900320	BR1989PI03450	19890713
CA1327098 A1	19940222	CA19890605467	19890712
EP0350924 A2	19900117	EP19890112860	19890713
EP0350924 A3	19910508	EP19890112860	19890713
GR1002563 B	19970203	GR19890100439	19890711
GR890100439 A	19900627	GR19890100439	19890711
US4917675 A	19900417	US19880219430	19880714

Priority:

CA19890605467 19890712 US19880219430 19880714

Probable Assignee: MCNEIL PPC INC

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

Assignee(s): SRINIVASAN SUBRAMANI ; PERSONAL PRODUCTS COMPANY ; SEIDY WASSIM

Inventor(s): (std): TAYLOR K MARTHA ; TAYLOR MARTHA K ; SRINIVASAN SUBRAMANI ; SEIDY WASSIM

Inventor(s): WASSIM SEIDY ; MARTHA K TAYLOR ; SUBRAMANI SRINIVASAN

Agent(s): OGILVY RENAULT LLP SENCRL SRL

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

Title: ABSORBENT ARTICLES WITH INTEGRAL RELEASE SYSTEM AND METHODS OF MAKING SAME

Abstract: Source: US5591153A [EN] Absorbent articles such as panty liners, thin full-sized sanitary napkins and the like having a garment facing side and a body facing side are provided which may be stored in a folded configuration prior to use. Means of attachment and means of release, most preferably silicone, are created on the garment facing side of the article. The patterns in which the attachment and release means are chosen such that when the article is folded, the adhesive means contact the release means, eliminating the need for release paper, but allowing the article to be unfolded and used. Other embodiments using barrier films affixed to the garment facing side of the article are also disclosed. Methods of making and packaging the articles disclosed are also provided.

Classifications:

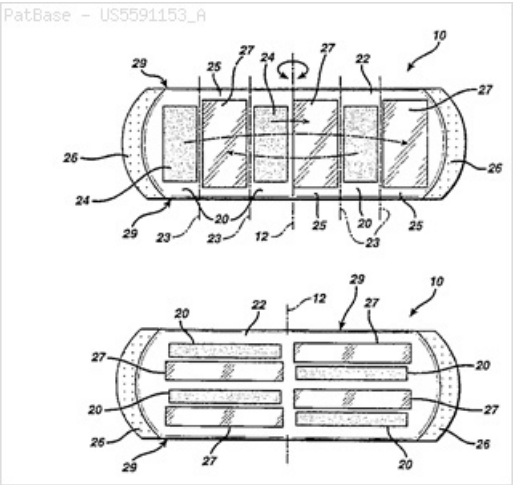
International (IPC 8-9): A61F13/15 A61F13/56 (Advanced/Invention)

International (IPC 1-7): A61F13/15 A61F13/20 A61F13/56 A61F13/58 B31F53/00 B32B31/00 B65B63/04

CPC: Y10T156/1051 A61F13/5514 A61F13/15747 A61F13/5611

European: A61F13/15M6F A61F13/551B2B A61F13/56B2

US: 156/227 156/289 156/291 53/429 604/385.05 604/385.1 604/386



Family:

Publication number	Publication date	Application number	Application date
AT135558 E	19960415	AT19910307581T	19910816
AU199182543 A1	19920220	AU19910082543	19910816
AU656901 B2	19950223	AU19910082543	19910816
BRPI9103491 A	19920512	BR1991PI03491	19910815
CA2048716 AA	19920218	CA19912048716	19910808
DE69118051 D1	19960425	DE19916018051	19910816
DE69118051 T2	19960829	DE19916018051T	19910816
EP0472376 A1	19920226	EP19910307581	19910816
EP0472376 B1	19960320	EP19910307581	19910816
ES2084779 T3	19960516	ES19910307581T	19910816
US5591153 A	19970107	US19920935145	19920824
US5670004 A	19970923	US19950438290	19950510
US5694739 A	19971209	US19950438285	19950510

Priority:

CA19912048716 19910808 US19900569103 19900817 US19950438290 19950510
US19920935145 19920824 US19950438285 19950510

Probable Assignee: MCNEIL PPC INC

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

Assignee(s): MCNEIL PPC INC MILLTOWN N J US ; MATTINGLY WILLIAM B III

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

Inventor(s): WILLIAM B MATTINGLY III ; MATTINGLY WILLIAM B

Agent(s): GRIFFITH HACK; SMART AND BIGGAR

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