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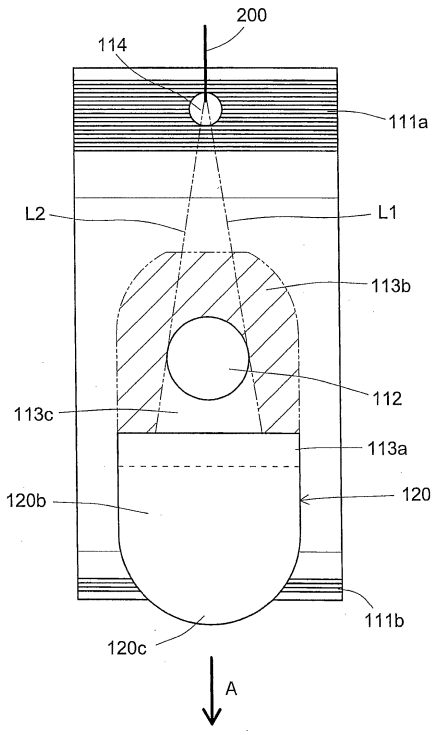
(54) PACKAGING BODY, AND PACKAGING BODY PACKAGE

(57) Provided is an improved technique relating to the adhesiveness of a lid to a main packaging body. A packaging body (100) is configured having a main body (110), which is made of a sheet member and which comprises an internally formed accommodation space (110H) communicating with an opening (112), and a lid (120), which can open and close the opening. In this packaging body, wet sheets (130) accommodated in the accommodation space can be removed through the opening. The main body is formed extending in a first direction. Furthermore, the main body has a suspension hole (114) which is for holding the main body (110) and is formed in a region at one end in the first direction. The lid has a base portion (120a) adhered to the main body, and an opening and closing portion (120b) configured so as to connect with the base portion (120a) and be peelable relative to the main body (110). The main body comprises a fixing region (113a) where the base portion is fixed, a peeling region (113b) where the opening and closing portion is adhered through an adhesive (115b), and an opening forming region (113c) where an opening is arranged surrounded entirely by the fixing region and the peeling region.

FIG. 6



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Description

FIELD OF THE INVENTION

[0001] The present invention relates to a container for storing a storage article for dispensation and to a container package including the container and the storage article stored therein.

BACKGROUND OF THE INVENTION

[0002] Japanese non-examined laid-open Patent Publication No. 2010-13144 discloses a container in which wet tissues are stored. A body of the container is formed of heat-sealing film. A lid of the container is bonded to the body and covers an opening of the body. The lid is bonded to the body by an adhesive such that it can be repeatedly peeled.

[0003] Patent Document 1: Japanese laid-open Patent Publication No. 2010-13144

DISCLOSURE OF THE INVENTION

PROBLEMS TO BE SOLVED BY THE INVENTION

[0004] In the above-described known container, when the lid is peeled off the body, the film which forms the body deforms by the peeling force. Particularly in the case of the container formed of a thin sheet material such as film, the body irreversibly and plastically deforms by the peeling force. In this state, when the opening is covered again by the lid, the lid does not easily adhere tightly to the body. Therefore, if the lid does not adhere tightly to the body, the wet tissues stored within the body may get dry, or foreign material may enter the body. It is, accordingly, an object of the present invention to provide an improved technique relating to adhesion of a lid to a body in a container.

MEANS FOR SOLVING THE PROBLEM

[0005] In order to solve the above-described problem, according to a preferred aspect of the present invention, a container includes a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening, and a lid which covers the opening and can open and close the opening. The container is configured such that a storage article stored in the storage space can be taken out through the opening. The body extends along a first direction. The body has a holding part which is formed for holding the body in a region of one end of the body in the first direction. The lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body by a first adhesive. The peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction. The body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which is entirely surrounded by the first and second regions. Further, the opening is formed in the third region.

[0006] According to this invention, the opening is formed in the third region which is surrounded by the first region in which the lid is not peeled off and fixedly bonded and the second region in which the lid can be peeled off. Specifically, the lid is not bonded to a part of the third region between the opening and the first region by the first adhesive. Therefore, compared to a construction in which the lid is bonded to the part of the third region between the opening and the first region by the first adhesive, application of the tensile stress to the opening can be prevented. As a result, deformation of the opening can be prevented. Thus, adhesion between the lid and the body is improved when the opening is covered with the lid again after the lid is peeled. In this case, preferably, the part of the third region located between the opening and the first region is provided as an opening non-formation region.

[0007] According to a further aspect of the container of the present invention, the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

[0008] In consideration of general power transmission, tensile stress generated by the force of peeling the lid linearly acts between the holding part and the peeling region. Therefore, if the opening is formed between the holding part and the peeling region, the opening may be deformed by the tensile stress. According to this embodiment, however, the opening is not formed on a line connecting the holding part and any point of the second region. Therefore, the opening can be prevented from being deformed by the tensile stress which is generated by the force of peeling the peelable portion.

[0009] According to a further aspect of the container of the present invention, the holding part is formed as a hanging part for hanging the body. The hanging part is preferably a through hole formed through the body, but it may be a hook provided on the body. Further, it is preferred that the hanging part has enough strength to be prevented from being destroyed when the peelable portion is peeled off the hanging body. Specifically, the hanging part has a section modulus large enough to be prevented from being destroyed by the force which is generated when the peelable portion is peeled off the body, and by the force which acts upon the hanging part under the weight of the container having a storage article stored therein. The manner of "destroying" the holding part includes not only the manner of making the holding part unable to perform the function of holding the body, but the manner of causing the holding part to irreversibly (plastically) deform.

[0010] In this aspect, by providing the hanging part as a holding part of the container, the container can be hung and used in that state. Therefore, a user does not have

to hold the body when peeling the lid off the body. In other words, the user can peel the lid with one hand. Thus, the user's operation can be made simpler.

[0011] According to a further aspect of the container of the present invention, an outline of the peelable portion is defined by a connecting region formed contiguously to the fixed portion and an outer edge region of the peelable portion other than the connecting region, and the adhesive is applied only to the outer edge region.

[0012] According to a further aspect of the container of the present invention, the lid has a holding portion to be held by users. The holding portion is formed contiguously to the peelable portion on an end of the peelable portion facing away from the fixed portion in the first direction.

[0013] In this aspect, with the construction in which the lid is provided with the holding portion, the user can hold the holding portion and easily peel the lid off the body sheet. Thus, the user's operation can be made easier.

[0014] According to a further aspect of the container of the present invention, the third region has the opening and a bonding non-allowed region is provided not to allow the bonding with the peeleable portion.

[0015] According to a further aspect of the container of the present invention, the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

[0016] In this aspect, with the construction in which the third region is bonded to the peelable portion by the second adhesive, the sealability to seal the opening can be improved. Further, the third region is bonded by the second adhesive which requires less power to peel off the peelable portion than the first adhesive, so that, when the lid is peeled, the tensile stress is mainly generated between the holding part and the first region which requires more power to peel off. Therefore, the second adhesive can prevent deformation of the opening, while improving the sealability to seal the opening.

[0017] According to this invention, a container package is provided which includes a container and a storage article. The container includes a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening, and a lid which covers the opening and can open and close the opening. The storage article is stored in the storage space and can be taken out through the opening. The body extends along a first direction. The body has a holding part which is formed for holding the body in a region of one end of the body in the first direction. The lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body. The peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction. The body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which is entirely surrounded by the first and second regions, and the opening is formed in the third region.

[0018] According to this invention, the opening is formed in the third region which is surrounded by the first region in which the lid is not peeled off and fixedly bonded and the second region in which the lid can be peeled off. Specifically, the lid is not bonded to a part of the third region between the opening and the first region by the first adhesive. Therefore, compared to a construction in which the lid is bonded to the part of the third region between the opening and the first region by the first adhesive, application of the tensile stress to the opening can be prevented. As a result, deformation of the opening can be prevented. Thus, adhesion between the lid and the body is improved when the opening is covered with the lid again after the lid is peeled. In this case, preferably, the part of the third region located between the opening and the first region is provided as an opening non-formation region.

[0019] According to a further aspect of the container package of the present invention, the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

[0020] In consideration of general power transmission, tensile stress generated by the force of peeling the lid linearly acts between the holding part and the peeling region. Therefore, if the opening is formed between the holding part and the peeling region, the opening may be deformed by the tensile stress. According to this embodiment, however, the opening is not formed on a line connecting the holding part and any point of the second region. Therefore, the opening can be prevented from being deformed by the tensile stress which is generated by the force of peeling the peelable portion.

[0021] According to a further aspect of the container package having the storage article stored therein in the present invention, the holding part is formed as a hanging part for hanging the body. Further, the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

[0022] In this aspect, the opening can be prevented from being deformed by the weight of the storage article when the body is hung and the lid is peeled off the body.

EFFECT OF THE INVENTION

[0023] According to this invention, an improved technique relating to adhesion of a lid to a body is provided in a container.

BRIEF DESCRIPTION OF THE DRAWINGS

[0024]

FIG. 1 is a perspective view showing an entire con-

tainer according to an embodiment of the present invention.

FIG. 2 is a plan view of the container.

FIG. 3 is a side view of the container.

FIG. 4 is a plan view of the container, but not showing a lid shown in FIG. 2.

FIG. 5 is a sectional view taken along line V-V in FIG. 2.

FIG. 6 is a front view showing the container in the hanging state.

FIG. 7 is a plan view showing a container of a first modification of this invention and corresponding to FIG. 4.

FIG. 8 is a sectional view showing a container of the first modification of this invention and corresponding to FIG. 5.

FIG. 9 is a plan view showing a container of a second modification of this invention and corresponding to FIG. 4.

FIG. 10 is a sectional view showing a container of the second modification of this invention and corresponding to FIG. 5.

REPRESENTATIVE EMBODIMENTS OF THE INVENTION

[0025] A container 100 for storing wet tissues 130 for dispensation is now explained as a representative embodiment of the present invention. Wet tissues 130 mean a sheet-type base material made of a fibrous material (cf. nonwoven fabric, gauze, cotton sheet, tissue paper) and impregnated with liquid (cf. alcohol, antiseptic solution, skin lotion). The wet tissues 130 are features that correspond to the "storage article" according to this invention. The container 100 containing the wet tissues 130 is a feature that corresponds to the "container package" according to this invention.

[0026] The construction of the container 100 of this embodiment is explained with reference to FIGS. 1 to 6. As shown in FIG. 1, the container 100 includes a body 110 and a lid 120. The body 110 and the lid 120 are features that correspond to the "body" and the "lid", respectively, according to this invention.

[0027] As shown in FIG. 5, the body 110 of the container 100 is formed by an upper wall 110a and a bottom wall 110b and has a wet-tissue storage space 110H in which the wet tissues 130 are stored. Further, the body 110 of the container 100 has a through hole 112 formed in the upper wall 110a. The wet-tissue storage space 110H is a feature that corresponds to the "storage space" according to this invention.

[0028] The wet tissues 130 are stored in the wet-tissue storage space 110H in such a manner as to be taken out one by one through an opening 112. Preferably, the wet tissues 130 are stored such that, when a first wet tissue 130 is taken out through the opening 112, an underlying second wet tissue 130 is partially exposed (pops up) outward through the opening 112. For example, the wet tissues 130 are individually folded in two and stacked one on another in such orientation that a folding direction of the wet tissues 130 is alternately reversed. At this time, an end of a lower half (in the laminated state) of a wet tissue 130 is located below an end of an upper half (in the laminated state) of the second wet tissue 130.

[0029] The body 110 of the container 100 is formed, for example, of a film which can be fusion bonded by heating or heat-sealed (which film is referred to as a "heat-sealing film"). In order to form the body 110 of the container 100, typically, the wet tissues 130 are wrapped with a heat-sealing film and then a longitudinal seal part (not shown) and lateral seal parts 111a, 111b in which the heat-sealing film edges are overlapped with each other are pressed and heated, so that the heat-sealing film edges are bonded at the longitudinal seal part and the lateral seal parts 111a, 111b. The longitudinal seal part is formed on the underside of the body 110 along the direction in which the heat-sealing film is fed during manufacturing of the container 100. The lateral seal parts 111a, 111 b are formed on front and rear ends or opposite ends of the heat-sealing film in the direction in which the heat-sealing film is fed during manufacturing of the container 100, and extend along a direction perpendicular to the feed direction.

[0030] As shown in FIG. 2, the lateral seal part 111a is wider than the lateral seal part 111b in the long side direction of the body 110 (in the longitudinal direction in FIG. 2). A circular hang hole 114 is formed through the lateral seal part 111a substantially in the middle of the lateral seal part 111a. The long side direction of the body 110 is a feature that corresponds to the "first direction" according to this invention.

[0031] Various kinds of films which can be heat-sealed or fusion bonded by heating can be used as the heat-sealing film for forming the body 110 of the container 100. In this embodiment, in which the heat-sealing film is used for packing the wet tissues 130, the heat-sealing film is preferably of a type that can keep the wet tissues 130 in wet condition (or prevent them from drying). For example, a laminate film is used which includes a protective layer made of polyethylene terephthalate (PET) resin, a moisture keeping layer (drying prevention layer) made of aluminum, and a heat-sealing layer made of biaxial oriented polypropylene resin. In order to form the body 110 by using such a heat-sealing film, edges of the heat-sealing film are laid one on top of another such that portions of the heat-sealing layer (biaxial oriented polypropylene resin layer) are opposed to each other in the longitudinal and lateral seal parts. Thus, when the longitudinal and lateral seal parts are heated, the opposed portions of the heat-sealing layer (biaxial oriented polypropylene resin layer) are melted and bonded together in the seal parts. The protective layer may be omitted. Further, the moisture keeping layer (drying prevention layer) is not limited to an aluminum layer, but includes any layers which can keep the wet tissues 130 in wet condition (prevent the wet tissues 130 from drying) within the wet-tissue storage

space 110H. The heat-sealing layer is not limited to a biaxial oriented polypropylene resin layer, but includes any layers which can be heat-sealed. The heat-sealing film is a feature that corresponds to the "sheet member" according to this invention.

[0032] The opening 112 can have various shapes which allow the wet tissues 130 to be taken out of the wet-tissue storage space 110H, such as an elliptical shape having major and minor axes, a circular shape and a rectangular shape. In this embodiment, the opening 112 has a circular shape. The opening 112 is a feature that corresponds to the "opening" according to this invention.

[0033] As shown in FIG. 2, the lid 120 includes the opening-closing portion 120b, a base 120a extending from the opening-closing portion 120b toward the lateral seal part 111b, and a tab portion 120c extending from the opening-closing portion 120b toward the lateral seal part 111a (on the side facing away from the base 120a). The opening-closing portion 120b has a larger area than the opening 112. As shown in FIG. 3, the lid 120 is bonded to the top of the body 110 by adhesives 115a, 115b which are applied to one side of the lid. Any adhesive is not applied to the tab portion 120c, so that the tab portion 120c is not bonded to the body 110.

[0034] The base 120a is fixedly bonded to the body 110 by the adhesive 115a, and the opening-closing portion 120b is peelably bonded to the body 110 by the adhesive 115b. As the adhesive 115b, for example, a pressure sensitive adhesive is used. The tab portion 120c is used as a tab for opening and closing the opening-closing portion 120b. The base 120a, the opening-closing portion 120b and the tab portion 120c are features that correspond to the "fixed portion", the "peelable portion" and the "holding portion", respectively, according to this invention. The adhesive 115b is a feature that corresponds to the "first adhesive" according to this invention.

[0035] The adhesive 115a is applied to the entire surface of the base 120a. Thus, the base 120a is fixedly bonded to a fixing region 113a of the body 110 as shown in FIG. 4.

[0036] The adhesive 115b is applied to a part of the opening-closing portion 120b. Specifically, the adhesive 115b is applied only to a region of the opening-closing portion 120b corresponding to a peeling region 113b of the body 110 as shown in FIG. 4. The peeling region 113b includes a first peeling region 113b1 and a second peeling region 113b2. The first peeling region 113b1 is a region surrounded by tangents L1, L2 drawn through the hang hole 114 to the opening 112 and an outline corresponding to an outer edge of the opening-closing portion 120b. The second peeling region 113b2 is a region located on the side of the opening 112 facing the hang hole 114, or a region surrounded by the tangents L1, L2, the opening 112 and the outline corresponding to the outer edge of the opening-closing portion 120b.

[0037] As shown in FIG. 4, an opening formation region 113c is formed to be surrounded by the fixing region 113a and the peeling region 113b. The opening 112 is provided in the opening formation region 113c. The fixing region 113a, the peeling region 113b and the opening formation region 113c are features that correspond to the "first region", the "second region" and the "third region", respectively, according to this invention.

[0038] In order to take out a wet tissue 130 from the wet-tissue storage space 110H, the user holds the tab portion 120c of the lid 120 and peels the opening-closing portion 120b off the top of the body 110, so that the opening-closing portion 120b is peeled off the body 110 and the opening 112 is opened. The opening-closing portion 120b is normally bonded to the top of the body 110 in order to prevent the wet tissues 130 from drying.

[0039] Operation of taking out the wet tissues 130 from the wet-tissue storage space 110H through the opening 112 is now described.

[0040] The lateral seal part 111a is kept in a fixed position and the tab portion 120c of the lid 120 is picked and pulled up by the user. Specifically, the tab portion 120c is pulled in a direction of arrow A toward the lateral seal part 111b. Thus, the opening-closing portion 120b of the lid 120 is peeled off the body 110, so that the opening 112 is exposed and the wet tissues 130 can be taken out through the exposed opening 112. In order to keep the lateral seal part 111a in a fixed position, as shown in FIG. 6, the body 110 may be hung with a hanging string or rope 200 through the hang hole 114. By thus hanging the body 110, once the lid 120 is peeled in the direction of the arrow A, the lid 120 is held in that state under its own weight. The hang hole 114 is a feature that corresponds to the "holding part", the "hanging part" and the "through hole" according to this invention.

[0041] The diameter of the hang hole 114 and the strength of the lateral seal part 111a around the hang hole 114 are set such that the hang hole 114 is prevented from being destroyed when the body 110 is hung and the lid 120 is peeled. Specifically, the diameter of the hang hole 114 and the section modulus of the lateral seal part 111a are set such that the hang hole 114 is prevented from being destroyed by tensile stress which is generated on the heat-sealing film by separation of the adhesive when the lid 120 is peeled, and by tensile stress which is generated on the heat-sealing film under the own weight of the container 100. For example, in the case of the container package in which the weight of the container 100 is 5 g, the weight of the wet tissues 130 is 25 g, the diameter of the hang hole 114 is 5 mm, and the peel strength of the lid 120 is 250 g when the peeling speed is 100 mm/min, the film tear strength of the lateral seal part 111 a is set to be 280 g or higher.

[0042] In order to prevent the wet tissues 130 from drying, when the wet tissues 130 are not in use, the tab portion 120c is returned back to the opening 112 side and the opening-closing portion 120b is bonded to the top of the body 110.

[0043] According to the above-described embodiment, by provision of the hang hole 114 in the body 110, the

container 100 can be hung and held in that state. Thus, the lid 120 can be peeled off the body 110 with the container 100 held in the hanging state. Therefore, the user can peel the lid 120 with one hand, so that the user's operation of peeling the lid 120 is facilitated.

[0044] According to this embodiment, the lid 120 is peeled with the container 100 held in the hanging state, so that the lid 120 is held in the peeled state under its own weight. Therefore, the user can peel the lid 120 off the body 110 with one hand and then take out the wet tissues 130 through the opening with the same hand. Thus, the user can perform all these actions with one hand, so that the user's operation is facilitated.

[0045] In consideration of general power transmission, tensile stress generated by the force of peeling the opening-closing portion 120b linearly acts between the hang hole 114 and the peeling region 113b from which the adhesive 115 is separated. Therefore, if the opening 112 is formed on a line connecting the hang hole 114 and any point of the peeling region 113b, the opening 112 may be deformed by the tensile stress. According to this embodiment, however, the opening 112 is not formed on a line connecting the hang hole 114 and any point of the peeling region 113b, so that the opening 112 is not directly pulled in the direction of the long side of the body 110. Specifically, the opening 112 can be prevented from being deformed by the tensile stress. As a result, adhesion between the lid 120 and the body 110 is improved when the opening 112 is covered with the lid 120 again after the lid 120 is peeled. Thus, the wet tissues 130 can be prevented from drying.

(First Modification)

[0046] A first modification to the above-described embodiment is now described with reference to FIGS. 7 and 8. In the first modification, as shown in FIG. 7, a peeling region 213b is provided. In the other points, it has the same construction as the above-described embodiment.

[0047] The peeling region 213b is provided on the body 110 to correspond to the outer edge of the opening-closing portion 120b of the body 110. Unlike the above-described embodiment, the peeling region 213b is not contiguous to the opening 112, but spaced apart from the opening 112. As shown in Fig. 8, the adhesive 115b is applied only to the outer edge of the opening-closing portion 120b.

[0048] According to the first modification, with the construction in which the peeling region 213b is spaced apart from the opening 112, in addition to the same effect as the above-described embodiment, the opening 112 can be further prevented from being deformed by the tensile stress which is generated when the opening-closing portion 120b is peeled off the body 110.

(Second Modification)

[0049] A second modification to the above-described embodiment is now described with reference to FIGS. 9 and 10. In the second modification, the lid 120 is peelably bonded to the opening formation region 113c by an adhesive 115c. In the other points, it has the same construction as the above-described embodiment.

[0050] As shown in FIG. 10, the lid 120 is bonded to the body 110 by the adhesives 115a, 115b, 115c. The adhesive 115c peelably bonds the opening-closing portion 120b to the opening formation region 113c of the body 110. The adhesive 115c has weaker adhesion than the adhesive 115b. Specifically, an area bonded by the adhesive 115c requires less power to peel off than an area bonded by the adhesive 115b. The adhesive 115c is applied to a region of the opening-closing portion 120b which corresponds to a shaded region of the opening formation region 113c excluding the opening 112 as shown in FIG. 9. The adhesive 115c is a feature that corresponds to the "second adhesive" according to this invention.

[0051] According to the second modification, with the construction in which the opening formation region 113c is bonded to the opening-closing portion 120b by the adhesive 115c, the sealability to seal the opening 112 can be improved. At this time, the opening formation region 113c is bonded by the adhesive 115c which requires less power to peel off the opening-closing portion 120b than the adhesive 115b. Thus, when the opening-closing portion 120b is peeled off, the tensile stress is mainly generated between the hang hole 114 and the peeling region 113b bonded by the adhesive 115b which requires more power to peel off. Therefore, the adhesive 115c can prevent deformation of the opening 112, while improving the sealability to seal the opening 112.

[0052] In the above-described embodiment and modifications, the hang hole 114 is provided as the hanging part in the lateral seal part 111a of the body 110, but the hanging part is not limited to this. For example, in order to allow the body 110 to be hung, a hook may be provided on the body 110, or an adhesive tape may be provided on the lateral seal part 111a of the body 110. Further, the container 100 is described as being used in the hanging state, but it is not limited to this. For example, the container 100 may be held by fixing the lateral seal part 111a in a predetermined position such as on a desk or a shelf.

[0053] In the above-described embodiment and modifications, the lid 120 has the tab portion 120c, but it does not have to have the tab portion 120c. Further, the tab portion 120c may be integrally shaped to have the same curvature as the curved part of the lid 120, but it may also be shaped to protrude from the lid 120 toward the lateral seal part 111a.

[0054] In the above-described embodiment and modifications, the wet tissues 130 are folded in a pop-up manner and stored in the container 100, but the folding manner is not limited to this. For example, each of the wet tissues 130 may be folded in a so-called pocket fold in which the tissue is Z-folded and the edges of the Z-folded

tissue are further folded to form a zigzag fold tissue and then the zigzag fold tissue is folded in the middle of the folds.

[0055] In the above-described embodiment and modifications, the package is not limited to a container for storing sheet-type articles, such as wet tissues, but it can also be formed as a container for storing various other articles.

[0056] In view of the scope and spirit of the above-described invention, the following features can be provided in the package according to this invention.

1. A container comprising:

a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening and
a lid which covers the opening and can open and close the opening through which a storage article stored in the storage space can be taken out, wherein:

the body extends in a first direction and has a holding part which is formed for holding the body in a region of one end of the body in the first direction,
the lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body by a first adhesive,
the peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction,
the body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which is entirely surrounded by the first and second regions, and
the opening is formed in the third region.

2. The container as defined in claim 1, wherein the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

3. The container as defined in claim 1 or 2, wherein the holding part comprises a hanging part for hanging the body.

4. The container as defined in claim 3, wherein the hanging part comprises a through hole formed through the body.

5. The container as defined in claim 3 or 4, wherein the hanging part has such a strength that the hanging part is prevented from being destroyed when the body is hung and the peelable portion is peeled off the body.

6. The container as defined in any one of claims 1 to 5, wherein an outline of the peelable portion is defined by a connecting region formed contiguously to the fixed portion and an outer edge region of the peelable portion other than the connecting region, and the adhesive is applied only to the outer edge region.

7. The container as defined in any one of claims 1 to 6, wherein the lid has a holding portion to be held by users, the holding portion being formed contiguously to the peelable portion on an end of the peelable portion facing away from the fixed portion in the first direction.

8. The container as defined in any one of claims 1 to 7, wherein the third region has a opening and is provided with a bonding non-allowed region not to allow a bonding to the peelable portion.

9. The container as defined in any one of claims 1 to 7, wherein the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

10. A container package comprising:

a container including a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening, and a lid which covers the opening and can open and close the opening, and
a storage article which is stored in the storage space and can be taken out through the opening, wherein:

the body extends along a first direction and has a holding part which is formed for holding the body in a region of one end of the body in the first direction,
the lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body by the first adhesive,
the peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction,
the body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which

is entirely surrounded by the first and second regions, and
the opening is formed in the third region.

11. The container package as defined in claim 10, wherein the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

12. The container package as defined in claim 10 or 11, wherein the holding part comprises a hanging part for hanging the body.

13. The container package as defined in any one of claims 10 to 12, wherein the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

Description of Numerals

[0057]

100	container
110	body
110a	upper wall
110b	bottom wall
110H	storage space
111a	lateral seal part
111b	lateral seal part
112	opening
112a	through hole
112b	through hole
113a	fixing region (first region)
113b	peeling region (second region)
113b1	first peeling region
113b2	second peeling region
113c	opening formation region (third region)
114	hang hole
115a	adhesive
115b	adhesive (first adhesive)
115c	adhesive (second adhesive)
120	lid
120a	base
120b	opening-closing portion
120c	tab portion
130	wet tissue
200	rope
213b	peeling region
L1	tangent
L2	tangent

Claims

1. A container comprising:

a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening and
a lid which covers the opening and can open and close the opening through which a storage article stored in the storage space can be taken out, wherein:

the body extends in a first direction and has a holding part which is formed for holding the body in a region of one end of the body in the first direction,
the lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body by a first adhesive,
the peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction,
the body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which is entirely surrounded by the first and second regions, and
the opening is formed in the third region.

2. The container as defined in claim 1, wherein the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

3. The container as defined in claim 1 or 2, wherein the holding part comprises a hanging part for hanging the body.

4. The container as defined in claim 3, wherein the hanging part comprises a through hole formed through the body.

5. The container as defined in claim 3 or 4, wherein the hanging part has such a strength that the hanging part is prevented from being destroyed when the body is hung and the peelable portion is peeled off the body.

6. The container as defined in any one of claims 1 to 5, wherein an outline of the peelable portion is defined by a connecting region formed contiguously to the fixed portion and an outer edge region of the peelable portion other than the connecting region, and the adhesive is applied only to the outer edge region.

7. The container as defined in any one of claims 1 to 6, wherein the lid has a holding portion to be held by users, the holding portion being formed contiguously

to the peelable portion on an end of the peelable portion facing away from the fixed portion in the first direction.

8. The container as defined in any one of claims 1 to 7, wherein the third region has a opening and is provided with a bonding non-allowed region not to allow a bonding to the peelable portion.

9. The container as defined in any one of claims 1 to 7, wherein the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

10. A container package comprising:

a container including a body which is formed of a sheet member having an opening open to outside and has a storage space inside in communication with the opening, and a lid which covers the opening and can open and close the opening, and
a storage article which is stored in the storage space and can be taken out through the opening, wherein:

the body extends along a first direction and has a holding part which is formed for holding the body in a region of one end of the body in the first direction,
the lid has a fixed portion which is fixedly bonded to the body and a peelable portion which is formed contiguously to the fixed portion and peelably bonded to the body by the first adhesive,
the peelable portion contiguously extends from the fixed portion toward the one end of the body in the first direction,
the body has a first region to which the fixed portion is fixedly bonded, a second region to which the peelable portion is bonded by the first adhesive, and a third region which is entirely surrounded by the first and second regions, and
the opening is formed in the third region.

11. The container package as defined in claim 10, wherein the second region is arranged such that a line connecting the holding part and any point of the second region does not pass through the opening.

12. The container package as defined in claim 10 or 11, wherein the holding part comprises a hanging part for hanging the body.

13. The container package as defined in any one of claims 10 to 12, wherein the third region has the opening and is peelably bonded to the peelable portion by a second adhesive which requires less power to peel off the peelable portion than the first adhesive.

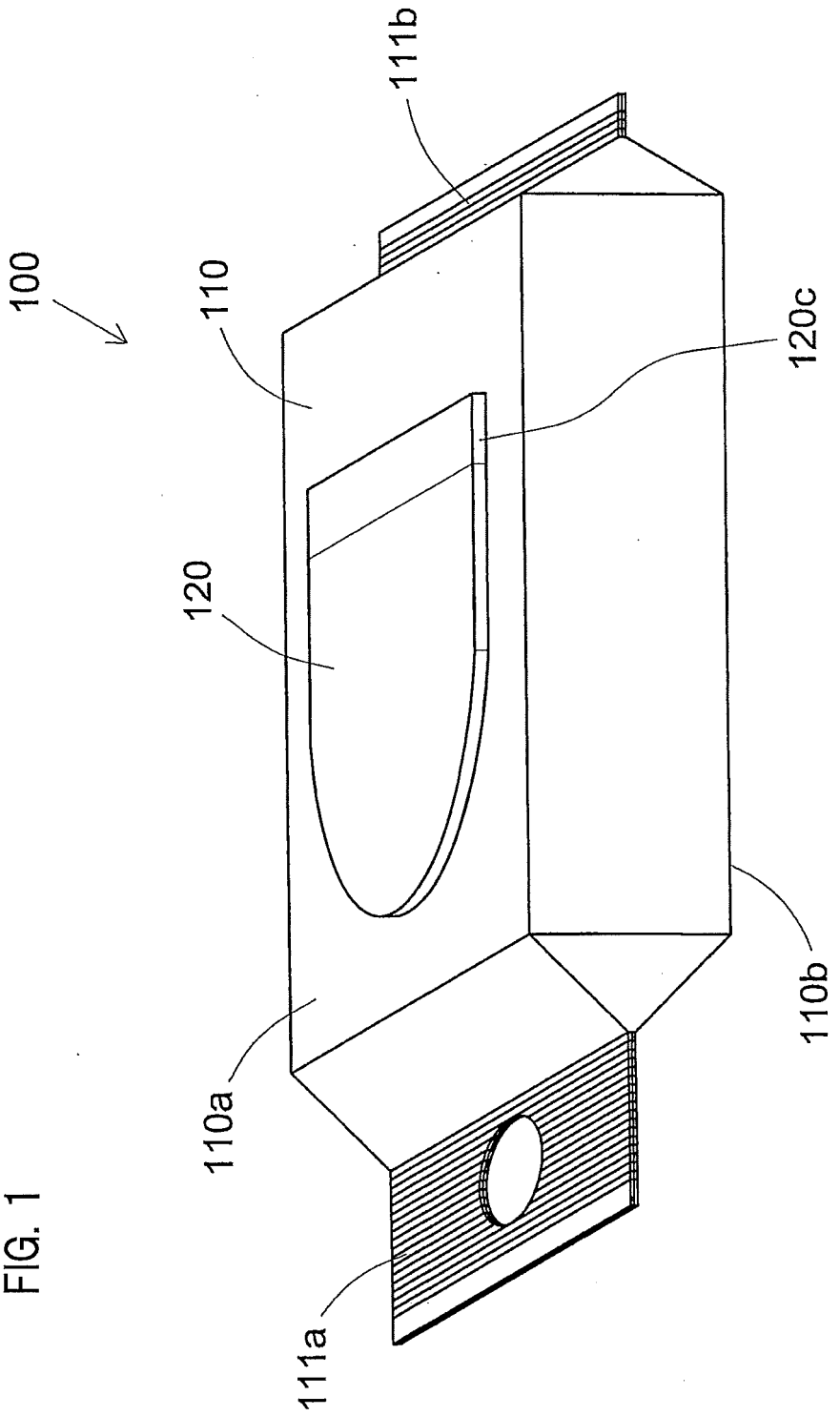


FIG. 1

FIG. 2

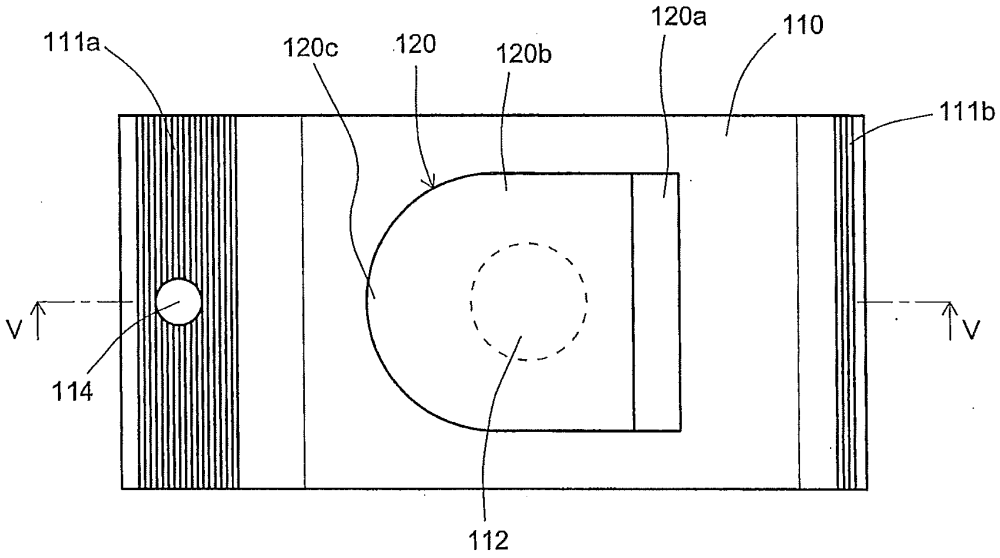

111a
120c
120
120b
120a
110
111b
V
V
114
112

FIG. 3

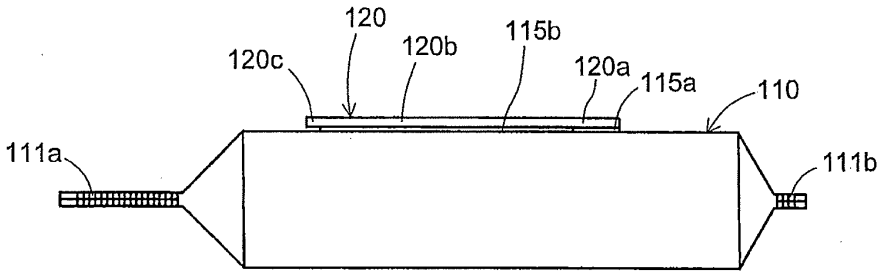

120
120c
120b
115b
120a
115a
110
111a
111b

FIG. 4

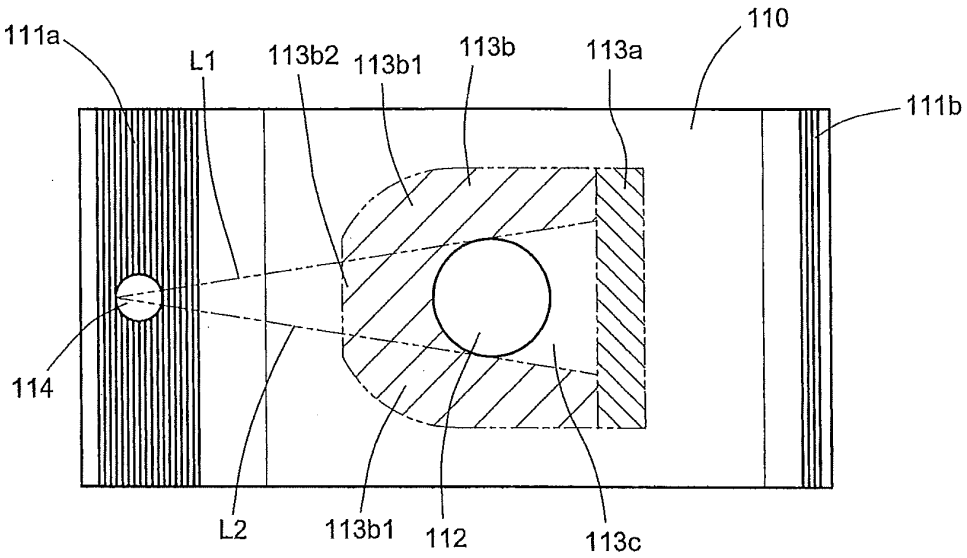

111a
L1
113b2
113b1
113b
113a
110
111b
114
L2
113b1
112
113c

FIG. 5

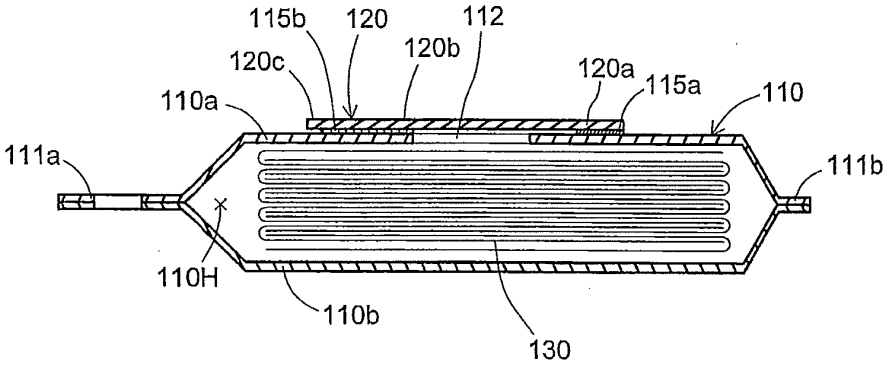

115b
120
112
120c
120b
120a
115a
110
110a
111a
111b
110H
110b
130

FIG. 6

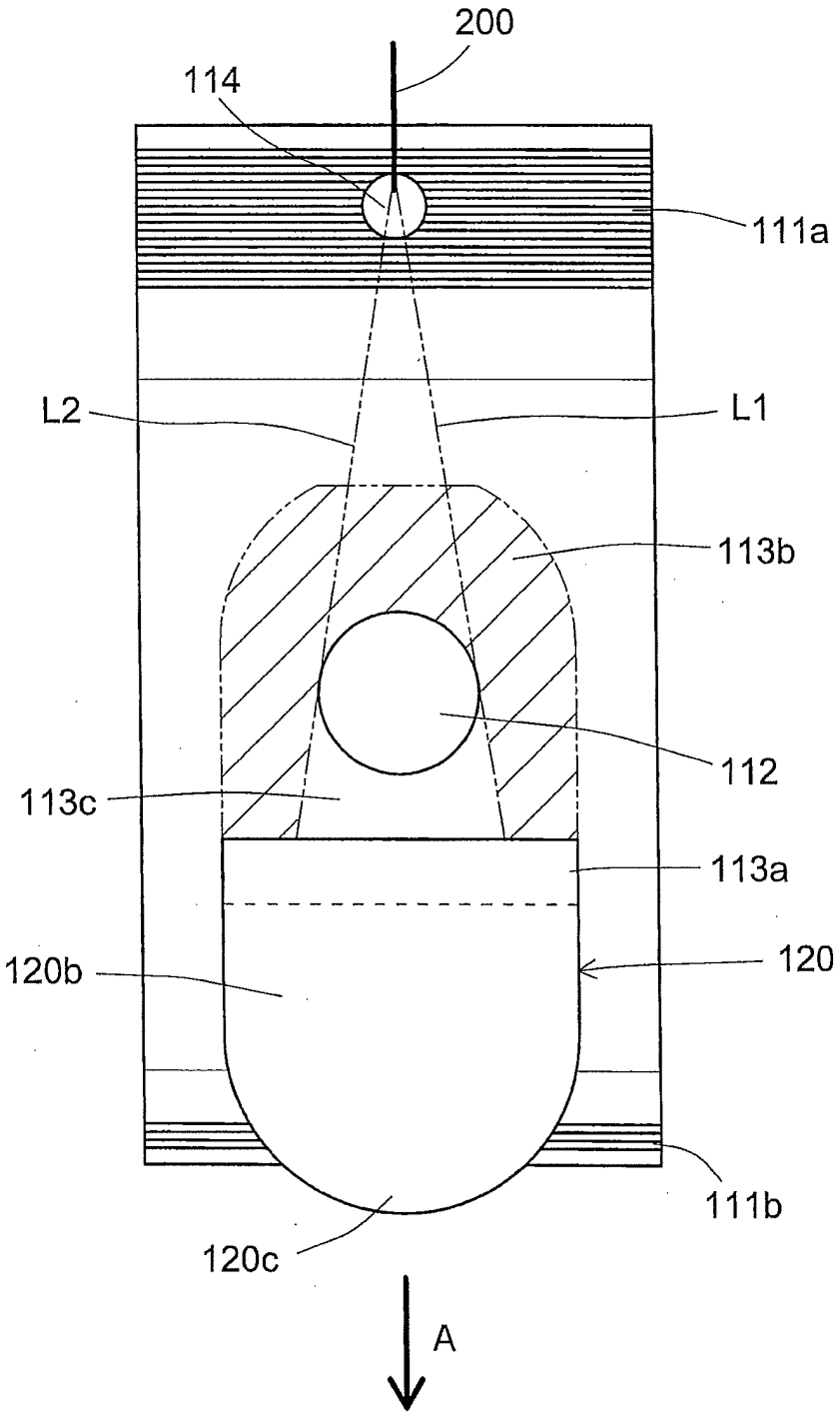


FIG. 7

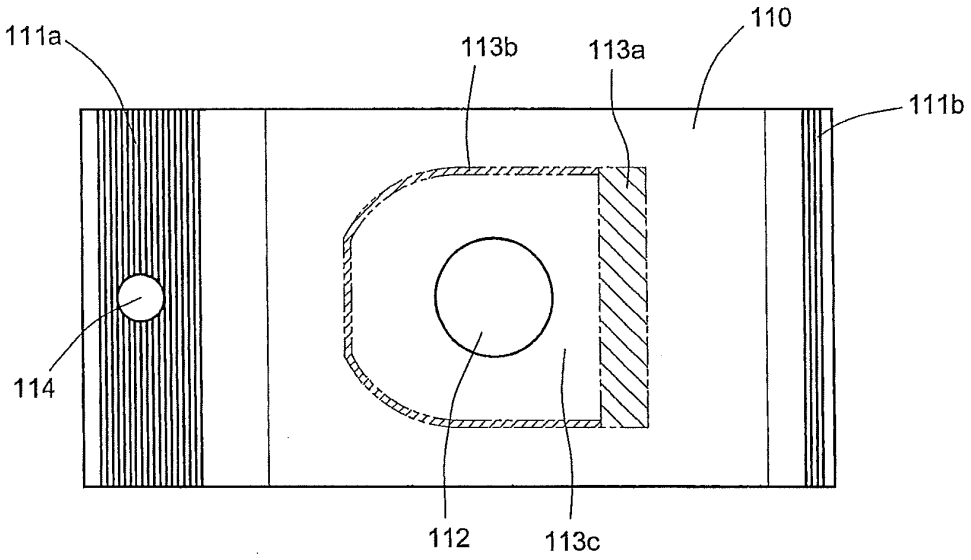

111a
113b
113a
110
111b
114
112
113c

FIG. 8

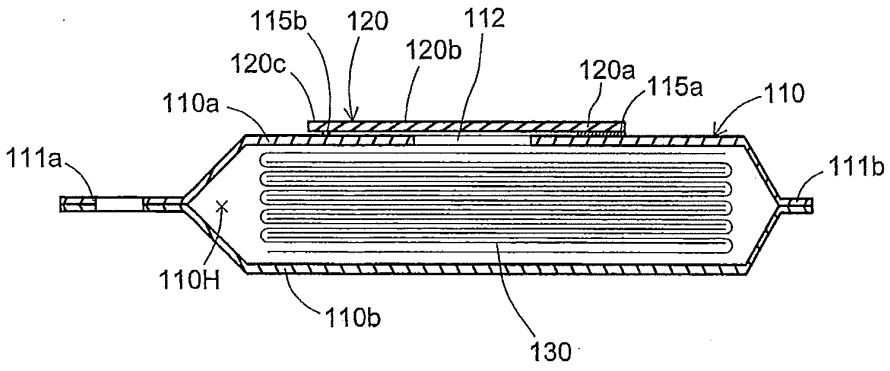

115b
120
112
120c
120b
120a
115a
110
110a
111a
111b
110H
110b
130

FIG. 9

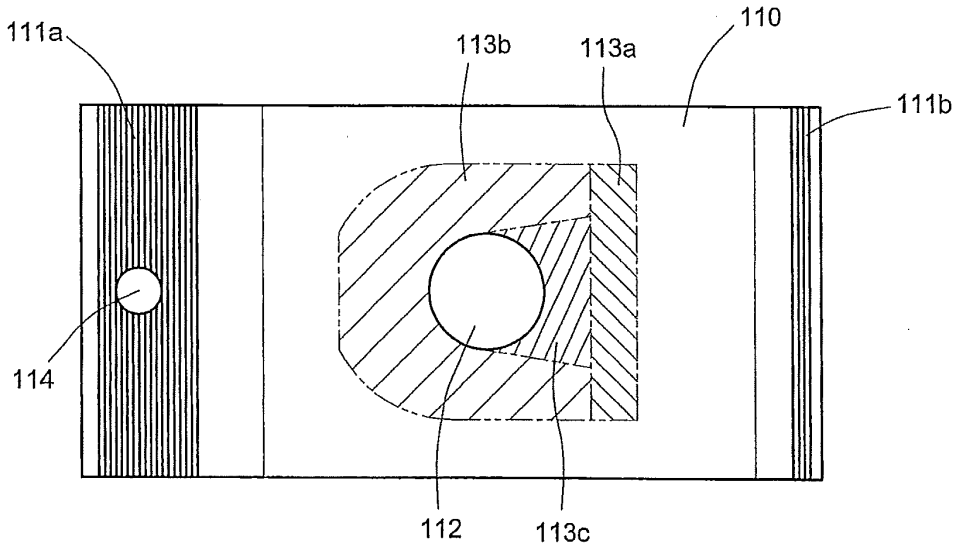
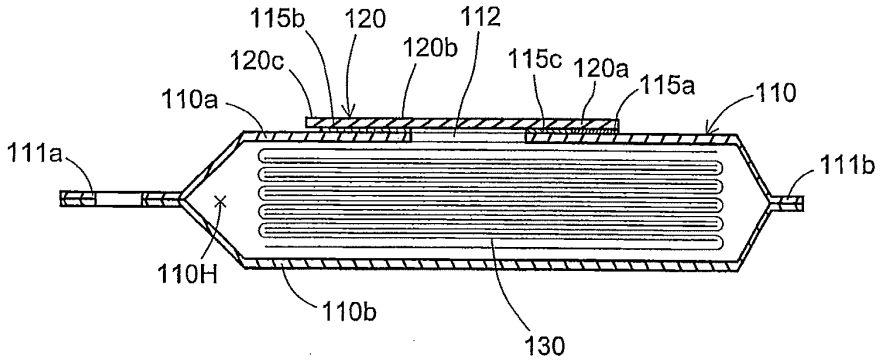

111a
113b
113a
110
111b
114
112
113c

FIG. 10


115b
120
112
120c
120b
115c
120a
115a
110
110a
111a
111b
110H
110b
130

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2013/058172

A. CLASSIFICATION OF SUBJECT MATTER
B65D83/08(2006.01)i, *B65D77/20*(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B65D83/08, B65D77/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2013
Kokai Jitsuyo Shinan Koho 1971-2013 Toroku Jitsuyo Shinan Koho 1994-2013

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 11-310281 A (Uni-Charm Corp.), 09 November 1999 (09.11.1999), paragraphs [0012] to [0022]; fig. 1 to 2 (Family: none)	1-13
Y	JP 11-314686 A (Uni-Charm Corp.), 16 November 1999 (16.11.1999), paragraphs [0013] to [0030]; fig. 1 to 3 (Family: none)	1-13
Y	WO 91/04920 A1 (PAXAN AB), 18 April 1991 (18.04.1991), page 9, line 31 to page 12, line 27; fig. 6A to 11 & WO 1991/004920 A1 & SE 8903246 A	3-5,12

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
03 June, 2013 (03.06.13)	18 June, 2013 (18.06.13)
Name and mailing address of the ISA/ Japanese Patent Office Facsimile No.	Authorized officer Telephone No.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2013/058172

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-221179 A (Kao Corp.), 26 August 1997 (26.08.1997), paragraph [0011]; fig. 1 to 2 & US 5791465 A & DE 19704665 A & CN 1160896 A	6
Y	JP 11-104031 A (Kao Corp.), 20 April 1999 (20.04.1999), paragraph [0030] (Family: none)	9,13
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 13883/1989(Laid-open No. 105793/1990) (Toyo Printing Co., Ltd.), 22 August 1990 (22.08.1990), page 5, line 16 to page 7, line 5; fig. 1 to 4 (Family: none)	1
A	JP 4-9913 Y2 (Nippon UTM Kabushiki Kaisha, Kabushiki Kaisha Shikoku UTM), 11 March 1992 (11.03.1992), entire text; all drawings (Family: none)	1

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Patent documents cited in the description

- JP 2010013144 A **[0002] [0003]**