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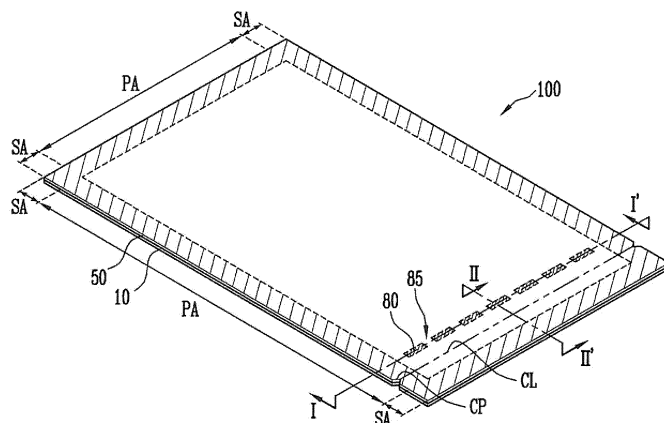
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(54) **PACKAGING POUCH**

(57) A packaging pouch according to the present invention includes a first cover part, a second cover part, and coupling parts. The first cover part includes a packaging area and a sealing area surrounding the packaging area, and a second cover part faces the first cover part to be coupled to the first cover part in the sealing area.

Further, the coupling parts are arranged while being spaced apart from each other on the first cover part and the second cover part in the packaging area, and couple the first cover part and the second cover part to each other.

FIG. 1



Description**[Technical Field]**

5 **[0001]** The present invention relates to a packaging pouch, and more particularly, to a packaging pouch through which a user easily stores a product.

[Background Art]

10 **[0002]** According to a change in a pattern of dietary life, a lot of first processed products are distributed on the market in order to promote convenience of customers. In the pattern of dietary life, a user may use a one-time packaged product, but a user may use a packaged product with a relatively large volume by dividing the packaged product several times. In this case, it is convenient for a user to store the remaining product after use by using a container packaging the product without using a separate packaging container.

15 **[0003]** In the meantime, air may flow into a packaging pouch during a process of packaging the remaining product after use by re-using a packaging pouch formed of a vinyl material and the like, so that a volume of the packaging pouch may be increased. In this case, a capacity necessary for storing the packaging pouch at a storage place is increased, so that a customer needs to inconveniently discharge air flowing into the packaging pouch to the outside.

[Technical Solution]

20 **[0004]** An object of the present invention is to provide a packaging pouch for easily repackaging and storing a product.

[0005] In order to achieve the aforementioned object of the present invention, a packaging pouch includes a first cover part, a second cover part, and coupling parts.

25 **[0006]** The first cover part includes a packaging area and a sealing area surrounding the packaging area, and a second cover part faces the first cover part to be coupled to the first cover part in the sealing area. Further, the coupling parts are arranged while being spaced apart from each other on the first cover part and the second cover part in the packaging area, and couple the first cover part and the second cover part to each other.

30 **[0007]** In the exemplary embodiment of the present invention, the coupling parts are interposed between the first cover part and the second cover part. Further, the coupling parts include first coupling members provided on the first cover part while being spaced apart from each other, and second coupling members provided on the second cover part while being spaced apart from each other, and coupled to the first coupling members so as to one-to-one correspond to the first coupling members. Further, the first cover part and the second cover part are spaced apart from each other so as to correspond to a space between the adjacent two coupling parts.

[Advantageous Effects]

35 **[0008]** According to the present invention, after an entrance of the packaging pouch is opened, air flowing into the packaging pouch is easily discharged to the outside when a user packages the remaining product after use, thereby decreasing a volume of the packaging pouch. Accordingly, a capacity occupied the packaging pouch at a storage place is decreased, so that it is possible to more easily store the packaging pouch, and prevent user's inconvenience in that the user discharges the air flowing into the packaging pouch.

[Description of Drawings]**[0009]**

45 FIG. 1 is a perspective view illustrating a packaging pouch according to an exemplary embodiment of the present invention.

50 FIG. 2A is a cross-sectional view illustrating a surface taken along line I-I' of FIG. 1.

 FIG. 2B is a cross-sectional view illustrating a surface taken along line II-II' of FIG. 1.

 FIG. 3A is a perspective view illustrating the packaging pouch, a part of which is cut along a perforated line of the packaging pouch of FIG. 1, so that an entrance is opened.

55 FIG. 3B is a view illustrating a state in which the entrance of the packaging pouch illustrated in FIG. 3A is blocked by coupling parts.

 FIG. 3C is an enlarged top plan view illustrating a part of the packaging pouch illustrated in FIG. 3B.

 FIG. 3D is a perspective view illustrating a state in which contents are packaged within the packaging pouch illustrated in FIGS. 3A and 3B.

[Best Mode]

[0010] Hereinafter, an exemplary embodiment of the present invention will be described in detail with reference to the accompanying drawings. An object, a characteristic, and an effect of the present invention will be easily understood through the exemplary embodiments related to the accompanying drawings. However, the present invention is not limited to the exemplary embodiments described herein, and may be applied and modified in various forms. Rather, the exemplary embodiments below are provided so as to make the technical spirit disclosed by the present invention be more clear, and further, sufficiently deliver the technical spirit of the present invention to those skilled in the art. Accordingly, it shall not be construed that the claims of the present invention are limited to the exemplary embodiments described below. In the meantime, the drawings suggested together with the exemplary embodiment below are somewhat simplified or exaggerated, and like reference numerals in the drawings designate like elements.

[0011] FIG. 1 is a perspective view illustrating a packaging pouch according to an exemplary embodiment of the present invention, FIG. 2A is a cross-sectional view illustrating a surface taken along line I-I' of FIG. 1, and FIG. 2B is a cross-sectional view illustrating a surface taken along line II-II' of FIG. 1.

[0012] Referring to FIGS. 1, 2A, and 2B, a packaging pouch 100 includes a first cover part 10, a second cover part 50, and coupling parts 80.

[0013] The first cover part 10 has a packaging area PA and a sealing area SA surrounding the packaging area PA. Further, the second cover part 50 faces the first cover part 10, and is coupled to the first cover part 10 in the sealing area SA.

[0014] In the exemplary embodiment of the present invention, the packaging area PA may be defined along a circumference of the first cover part 10, and thus the second cover part 50 is coupled to the first cover part 10 along the circumference of the first cover part 10. Further, the first and second cover parts 10 and 50 are not coupled to each other in the packaging area SA, so that it is possible to provide an accommodation space for accommodating a product between the first and second cover parts 10 and 50 so as to correspond to the packaging area SA, and the accommodation space may be sealed from the outside according to the coupling of the first and second cover parts 10 and 50 in the sealing area SA.

[0015] In the meantime, a cutoff portion CP and a perforated line CL is formed in the first cover part 10 and the second cover part 50. The cutoff portion CP is formed by partially removing at least one side of the first and second cover parts 10 and 50, and the perforated line CL is in contact with the cutoff portion CP to cross the packaging area PA and the sealing area SA. Accordingly, a user may easily open the packaging pouch 100 along the perforated line CL by using the cutoff portion CP.

[0016] The coupling parts 80 are arranged to be spaced apart from each other on the first cover part 10 and the second cover part 50 in the packaging area PA to couple the first and second cover parts 10 and 50 to each other. The coupling parts 80 may be disposed while being adjacent to the cutoff portion CP. Structures of the coupling parts 80 will be described in more detail with reference to FIGS. 2A and 2B.

[0017] The coupling parts 80 are interposed between the first cover part 10 and the second cover part 50, and the coupling parts 80 include first coupling members 82 and second coupling members 81. The first coupling members 82 are provided while being spaced apart from each other on the first cover part 10, and the second coupling members 81 are provided while being spaced apart from each other on the second cover part 50 to be one-to-one coupled to the first coupling members 82.

[0018] In the exemplary embodiment of the present invention, as illustrated in FIG. 2B, the first coupling members 82 may have a shape protruding from the first cover part 10, and the second coupling members may have coupling recesses 83 accommodating the first coupling members 82. However, contrary to the exemplary embodiment of the present invention, the first coupling members 82 and the second coupling members 81 may be coupled to each other by other methods, such as an adhesive, a zipper, and a Velcro.

[0019] Further, in the exemplary embodiment of the present invention, as illustrated in FIG. 2B, the first cover part 10 may include a first film 11 and a second film 12 which are stacked each other, and the second cover part 50 may include a third film 51 and a fourth film 52 which are stacked each other. In this case, the first film 11 and the third film 51 stacked at the innermost sides of the first and second cover parts 10 and 50 to be coupled to the first and second coupling members 82 and 81 may include Linear Low-Density Polyethylene ((hereinafter, referred to as "LLDPE") or Casting Polypropylene (hereinafter, referred to as "CPP"), and the second film 12 and the fourth film 52 which are in contact with the outside may include a nylon film, an oriented polypropylene (OPP) film, or a polyethylene terephthalate (PET) film.

[0020] In the case where the film 11 and the third film 51 include LLDPE and CPP, a sealing process between the first coupling members 82 and the first film 11 and a sealing process between the second coupling members 81 and the third film 51 may be easily performed by using heat and pressure, and excellent sealing strength after the sealing process may be achieved. Further, LLDPE and CPP have excellent cold resistance and impact resistance, so that even though the packaging pouch 100 (see FIG. 1) is kept in a refrigerator or a freezer, reliability of the packaging pouch is prevented from deteriorating.

[0021] In the meantime, as described above, the coupling parts 80 are arranged while being spaced apart from each

other, so that an exhaust hole 85 is formed between the adjacent two coupling parts. A space between the first and second cover parts 10 and 50 is widened so as to correspond to the exhaust hole 85, so that air flowing into the packaging pouch 100 may be easily discharged to the outside through the exhaust hole 85.

[0022] FIG. 3A is a perspective view illustrating the packaging pouch, a part of which is cut along the perforated line of the packaging pouch of FIG. 1, so that an entrance is opened, FIG. 3B is a view illustrating a state in which the entrance of the packaging pouch illustrated in FIG. 3A is blocked by the coupling parts, FIG. 3C is an enlarged top plan view illustrating a part of the packaging pouch illustrated in FIG. 3B, and FIG. 3D is a perspective view illustrating a state in which contents are packaged within the packaging pouch illustrated in FIGS. 3A and 3B.

[0023] First, referring to FIGS. 3A and 3B, a part of the sealing area SA of the packaging pouch 100 is removed along the cutoff portion CP and the perforated line (CL of FIG. 1) aforementioned with reference to FIG. 1, and the fastening between the first coupling members 82 and the second coupling members 81 is released, an entrance 88 of the packaging pouch 100 is opened. Accordingly, the user may obtain contents accommodated inside the packaging pouch 100 through the entrance 88, or insert the contents into the packaging pouch 100 through the entrance 88.

[0024] Further, the entrance 88 may be blocked by fastening the first coupling members 82 and the second coupling members 81 of the coupling parts 80 with each other. In this case, the coupling parts 80 are arranged while being spaced apart from each other with an interval, so that even though all of the first and second coupling members 82 and 81 are coupled, an internal side of the packaging pouch 100 is not completely blocked from the outside by the exhaust hole 85.

[0025] Accordingly, as illustrated in FIG. 3C, air AR inside the packaging pouch 100 may be discharged to the outside through the exhaust hole 85 defined between the adjacent two coupling parts 80, and thus it is possible to prevent an increase in an inside volume of the packaging pouch 100 by the air AR.

[0026] Referring to FIG. 3D, according to the aforementioned configuration of the packaging pouch 100, the user may package contents by using the packaging pouch 100 in a sequence of obtaining the contents packaged within the packaging pouch 100 after securing the entrance 88 by removing the part of the packaging pouch 100 along the perforated line (CL of FIG. 1), inserting the remaining contents into the packaging pouch 100 through the entrance 88, and blocking the entrance 88 by using the coupling parts 80. Particularly, in the case where the packaging pouch 100 is folded into a multistep and stored at the storage place in the state where the first and second coupling members 82 and 81 are fastened with each other, the air AR may be more easily discharged to the outside through the exhaust hole 85.

[0027] The present invention has been described with reference to the exemplary embodiment, but those skilled in the art may understand that the present invention may be variously modified and changed within the scope without departing from the spirit and the area of the present invention described in the accompanying claims.

[Description of Main Reference Numerals of Drawings]

[0028]

100:	Packaging pouch	SA:	Sealing area
PA:	Packaging area	80:	Coupling parts
CP:	Cutoff portion	CL:	Perforated line
10:	First cover part	20:	Second cover part

Claims

1. A packaging pouch, comprising:

a first cover part including a packaging area and a sealing area surrounding the packaging area;
a second cover part facing the first cover part and coupled to the first cover part in the sealing area; and
coupling parts arranged while being spaced apart from each other on the first cover part and the second cover part in the packaging area, and configured to couple the first cover part and the second cover part to each other.

2. The packaging pouch of claim 1, wherein the coupling parts are interposed between the first cover part and the second cover part, and the coupling parts include:

first coupling members provided on the first cover part while being spaced apart from each other; and
second coupling members provided on the second cover part while being spaced apart from each other, and
coupled to the first coupling members so as to one-to-one correspond to the first coupling members.

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3. The packaging pouch of claim 2, wherein the first cover part and the second cover part are spaced apart from each other so as to correspond to a space between the adjacent two coupling parts.
- 5 4. The packaging pouch of claim 2, wherein the sealing area is defined along a border of the first cover part, and a cutoff portion formed by partially removing at least one side of the first and second cover parts, and a perforated line crossing the packaging area and the sealing area while being in contact with the cutoff portion are formed in the first cover part and the second cover part.
- 10 5. The packaging pouch of claim 4, wherein the coupling parts are adjacently positioned to the perforated line.
6. The packaging pouch of claim 2, wherein the first coupling members have a shape protruding from the first cover part, and the second coupling members have coupling recesses accommodating the first coupling members.
- 15 7. The packaging pouch of claim 1, wherein each of the first cover part and the second cover part includes a plurality of films stacked each other, and a film stacked at the innermost side among the plurality of films includes Linear Low-Density Polyethylene (LLDPE) or Casting Polypropylene (CPP).

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FIG. 1

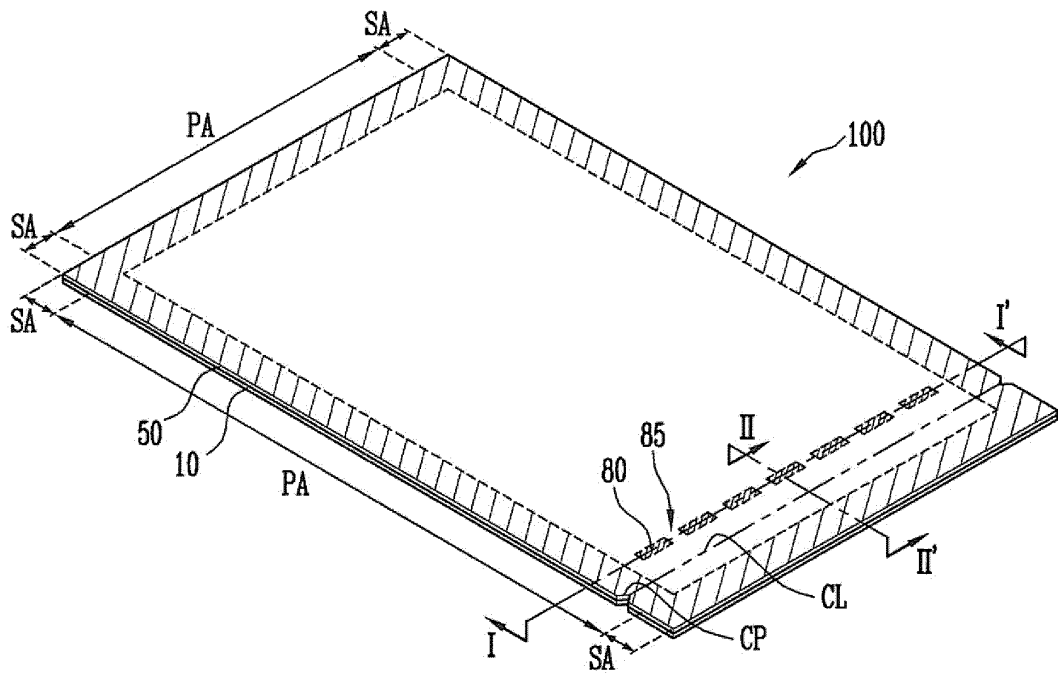


FIG. 2A

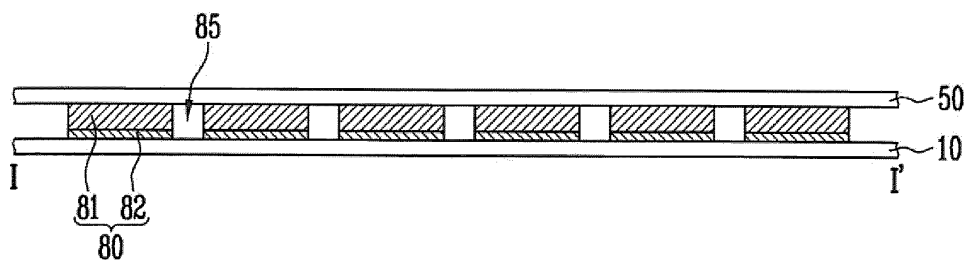


FIG. 2B

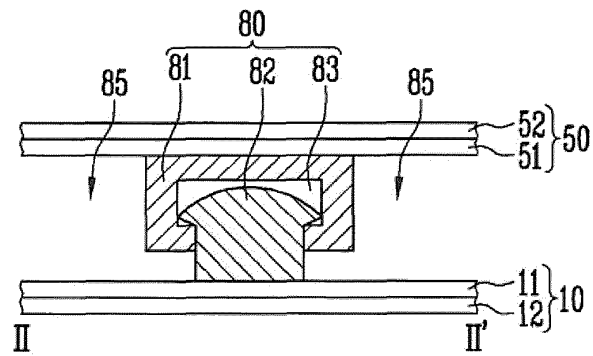


FIG. 3A

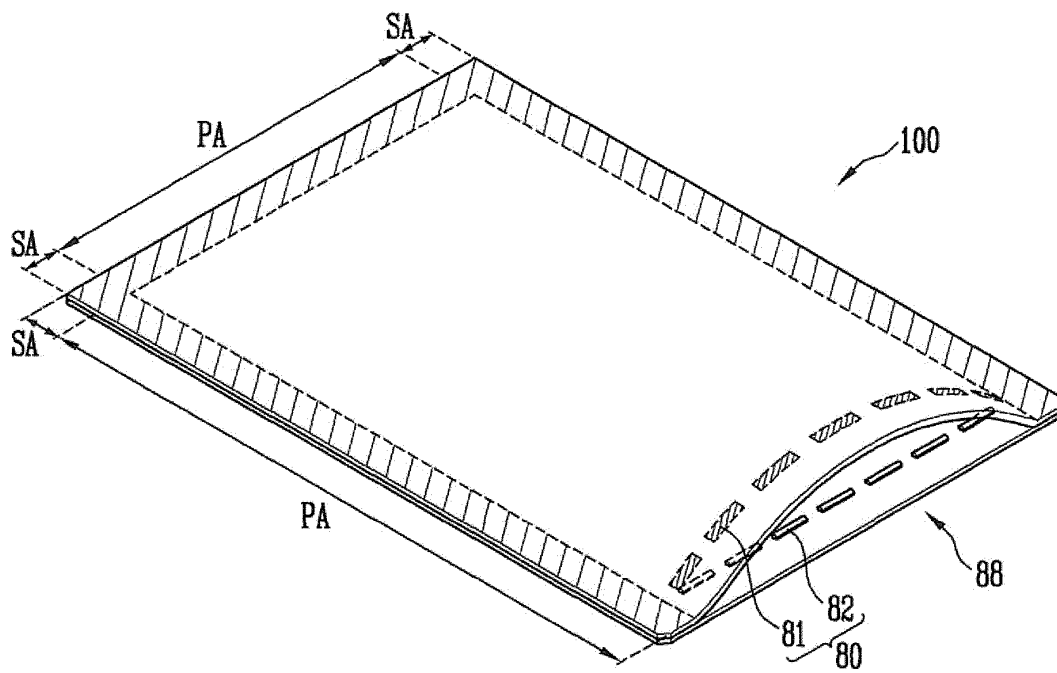


FIG. 3B

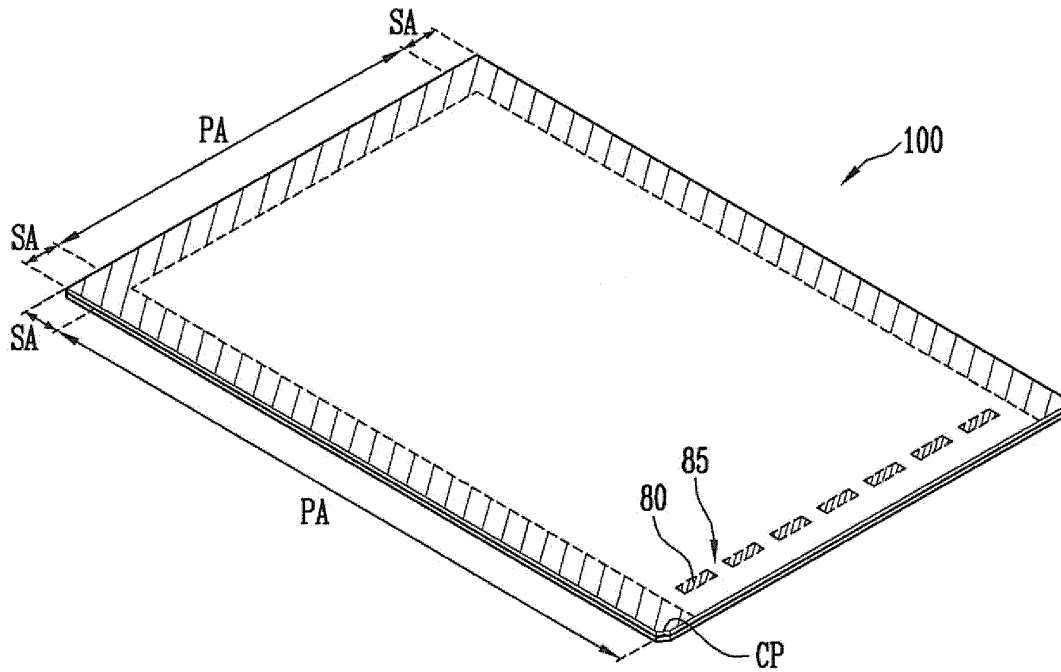


FIG. 3C

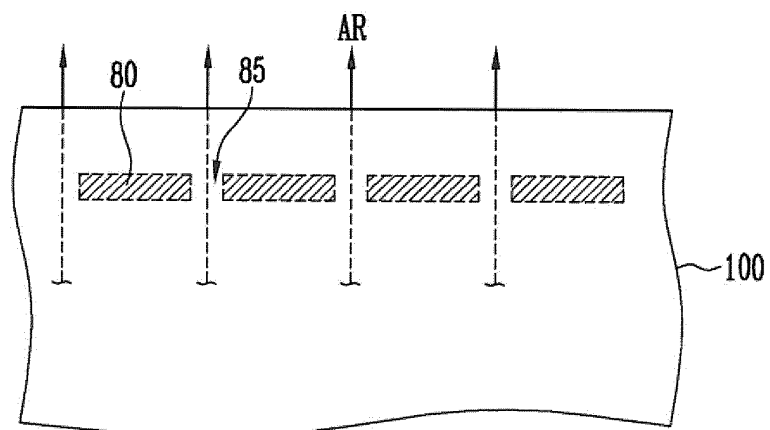
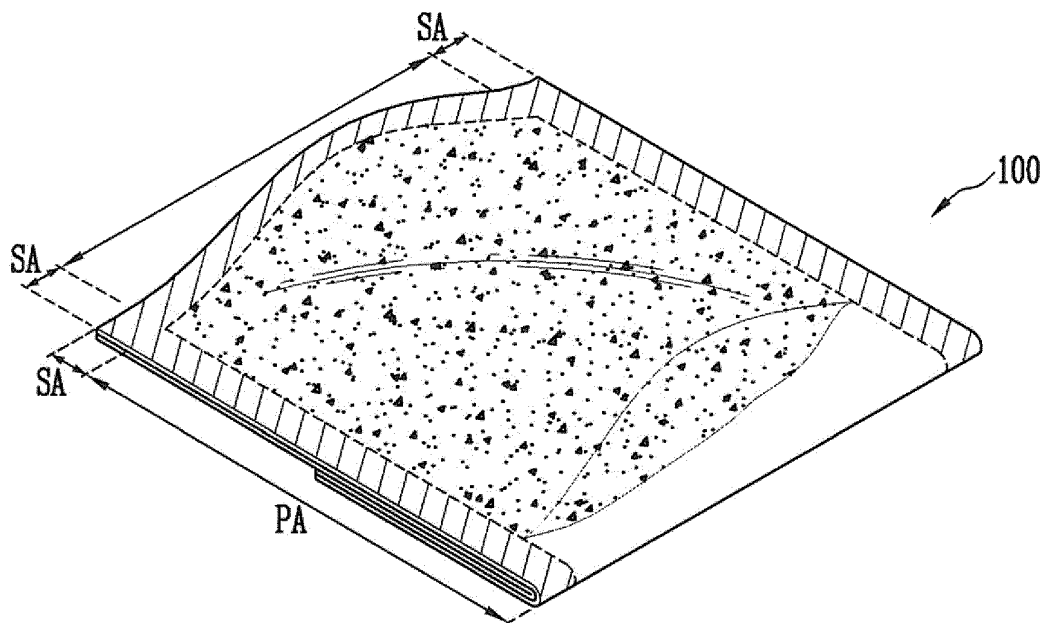


FIG. 3D



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2012/006830

A. CLASSIFICATION OF SUBJECT MATTER

B65D 33/25(2006.01)i, B65D 75/62(2006.01)i, B65D 30/08(2006.01)i, B65D 65/40(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)

B65D 33/25; B65D 30/24; B65D 85/18; B65D 30/14; B65D 30/02; B65D 33/01; B65D 33/36

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Utility models and applications for Utility models: IPC as above
Japanese Utility models and applications for Utility models: IPC as above

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

eKOMPASS (KIPO internal) & Keywords: packing, pouch, air, air

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2008-273530 A (HOSOKAWA YOKO CO., LTD.) 13 November 2008 See figures 1-10, paragraphs [0041]-[0043].	1-6 7
Y	KR 10-2009-0043668 A (BOSUNG INDUSTRIAL CO., LTD.) 07 May 2009 See figures 1-3 and claims 4,5.	7
A	JP 2009-262974 A (TAKUSHOKU SHOJI:KK) 12 November 2009 See figure 1, abstract, claim 1.	1-7
A	JP 05-305953 A (SATAKE ENG CO., LTD.) 19 November 1993 See figures 1-7.	1-7
A	JP 2006-206106 A (TO BUNSEI) 10 August 2006 See figures 1-7.	1-7

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

* Special categories of cited documents:

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Date of the actual completion of the international search

29 JANUARY 2013 (29.01.2013)

Date of mailing of the international search report

30 JANUARY 2013 (30.01.2013)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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