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(54) **ACCESSORY POUCH**

(57) The present invention relates to a pouch for housing loose articles comprising an outer envelope with a front wall that opposes a back wall and is affixed to the back wall alongside of at least two lateral edges of the envelope. A lid covers at least a portion of the front wall in a closed state of the envelope. The pouch also comprises a first compartment for the reception of loose articles, wherein said first compartment being delimited by the back wall. The pouch further comprises a second compartment being delimited from the first compartment. Moreover, the pouch comprises an additional stabilizing sleeve removably arranged in the first or second compartment. The invention also relates to a method of producing said pouch and comprising the steps of a) providing the envelope, b) folding the envelope to provide the pouch with the first and second compartment, c) providing the additional sleeve, which is folded and d) arranging the sleeve in a compartment of the pouch.

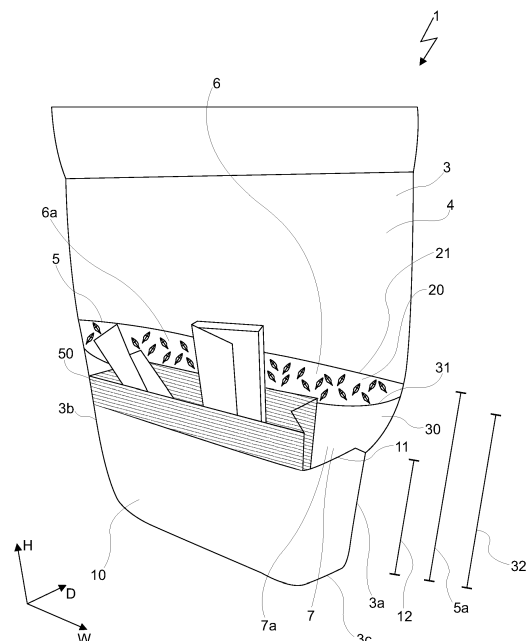


Fig. 1

Description

[0001] The present invention relates to a pouch for housing loose articles comprising an outer envelope with a front wall, a back wall and a lid. The pouch also comprises a first and a second compartment, wherein an additional stabilizing sleeve is removably arranged in the first or second compartment. The invention also relates to a method of producing said pouch.

[0002] Pouches are commonly used for packaging, transportation and selling loose articles, especially tobacco products. Consumers of tobacco products, especially those who like to consume combustible tobacco products usually carry a couple of accessories articles, e.g. lighters, cigarette papers, filter plugs or already finished rolled cigarettes. These articles may be located in different pockets of the clothes of the consumers and moreover are located in different packages, making these articles difficult to carry, to find when needed and to handle.

[0003] In relation of this purpose, there are some pouches that provide one main bag for loose tobacco and an extra compartment linked to the main bag, so that consumers can put e.g. a lighter into that extra compartment, such that one just needs to grab and open one bag to get access to the main bag and the extra compartment. When one stores accessories in the extra compartment, some articles may be difficult to access because of the orderless storage of all those articles therein.

[0004] Moreover, most of those pouches are made of a flexible material so that they may bend when stowing them in e.g. a pocket of clothes. This leads to a couple of disadvantages. First, it remains very difficult to achieve an order of the articles in the compartment because the shape of the compartment continuously changes. Second, when storing cigarette paper, it may become kinked or wrinkled making it difficult to use in order to roll a cigarette. Third, when storing finished rolled cigarettes in the pouch, these cigarettes are very fragile so that they might become deformed in the flexible pouch.

[0005] It is therefore the objective of the invention to provide a pouch in which loose articles e.g. tobacco, cigarettes and other accessories are securely storable and at the same time can be organized or rather stored in a specific order.

[0006] The afore-mentioned problems are eliminated by a pouch for housing loose articles comprising an outer envelope with a front wall that opposes a back wall and is affixed to the back wall alongside of at least two lateral edges of the envelope. A lid covers at least a portion of the front wall in a closed state of the envelope. The pouch also comprises a first compartment for the reception of loose articles, wherein said first compartment is delimited by the back wall. The pouch further comprises a second compartment being delimited from the first compartment. Moreover, the pouch comprises an additional stabilizing sleeve removably arranged in the first or second compartment. The stabilizing sleeve guarantees an organized

and secure storage of cigarettes and accessories in the pouch. Moreover, these articles are storable separately from loose tobacco, which can be stored in another compartment, wherein e.g. loose tobacco is storable within the first compartment and in particular accessories (e.g. rolled cigarettes) are storable within the second compartment, in particular in the sleeve. Further, the pouch allows quick and easy access of tobacco and accessories. In the case a user does not need the stabilization of the sleeve, the sleeve is easily removable from the compartment.

[0007] In a preferred embodiment, the front and the back wall of the envelope are affixed to each other at at least two lateral edges, wherein these lateral edges preferably oppose each other. It may be possible that the front and the back wall are affixed to each other at respective lower edges of the front and the back wall. It may also be possible that the affixed lower edges form the bottom of the pouch and especially the bottom of the first and/or second compartment. Due to the simple arrangement of the walls and edges, the pouch is easy to produce.

[0008] It is further conceivable that the pouch comprises an opening at an area between non-fixed edges of the front and the back wall. Preferably, an intermediate wall is arranged between faces of the front and the back wall and in particular the first compartment is defined by the back wall and an intermediate wall and/or the second compartment is defined by the front wall and the intermediate wall.

[0009] In a further preferred embodiment, the material of the pouch is a flexible material. The material may comprise a polymer material such as polyethylene, polypropylene, polyester like e.g. polyethylene terephthalate, cast polypropylene, oriented polypropylene, metallized polyethylene terephthalate and/or a paper like material and/or any combination thereof. It is also possible that the material may comprise one, two, three or more layers of one or more of said materials or a combination thereof. The lid, the back wall, the intermediate and/or the front of the pouch may comprise one or more layers of said materials. That way, the properties of the pouch can be configured for specific applications.

[0010] It is further conceivable that a stiffness of the material of the sleeve is higher than a stiffness of the material of the envelope. The sleeve may be formed as a stiff box or a stiff sleeve. With a stiff sleeve inside a compartment, the pouch and/or its walls are protected against mechanical deformation. This protection also protects the articles, e.g. rolled cigarettes, cigarette paper and/or tobacco from becoming deformed.

[0011] In a preferred embodiment, the sleeve comprises a paper, carton, cardboard or plastics material and/or any combination thereof. Those materials provide a stiffness, which is higher than the stiffness of the material of the pouch.

[0012] According to a preferred embodiment, a height of the sleeve is higher than the height of the first and/or

second compartment and/or the front and/or back wall of the pouch. That way, cigarettes are storable within the sleeve and preferably arranged with a length of the cigarettes parallel to the height of the sleeve. However, it may also be possible that long articles e.g. cigarettes are arranged with their lengths perpendicular to the height of the sleeve. Loose articles can therefore be stored securely in the sleeve of the pouch no matter how they are ordered or arranged.

[0013] Moreover, a folding line is preferably arranged between the lid and the back wall. At best a distance between that folding line and the bottom of the pouch or rather the lower edge of the front and/or back wall is larger than a cigarettes length, in particular the distance is larger than 80mm, preferably larger than 90mm and preferably larger than 110mm. Cigarettes can then be arranged in the pouch in a lengthwise or upright position.

[0014] According to a preferred embodiment, the sleeve is foldable from an unfolded state to a folded state and/or vice versa. At best the sleeve forms a box like shape in an unfolded state and in particular such that different articles e.g. at least four cigarettes, a lighter and/or a booklet of cigarette paper is storable within the box/unfolded sleeve. That way the pouches and sleeves take up a minimum of space during transportation after production leading to low transportation costs. Moreover, it is up to the user of the pouch to decide whether the sleeve is used as stabilization of the pouch and as a separate box inside the pouch or just as stabilization of the pouch.

[0015] In a preferred embodiment, the sleeve is foldable by exertion of pressure on at least a first sleeve side edge and an opposing second sleeve side edge. Preferably a sleeve front panel and a sleeve back panel are movable against each other in a width direction by exertion of pressure. At best, the sleeve comprises at least two opposing side panels, which are preferably arranged between lateral side edges of the front and back panel. Ideally, a length of the side panels defines a depth of the unfolded sleeve and in particular a spacing distance between the front and the back panel is equal to the length of the side panels to provide enough space for storing loose articles. However, it may also be possible that the sleeve is foldable such that the sleeve front panel and/or back panel are arched to provide storing space.

[0016] In a preferred embodiment, the sleeve consists of or comprises one coherent piece comprising at least the sleeve front panel and the sleeve back panel. Ideally, the sleeve also comprises at least one first side panel, at least one second side panel, wherein the one first and second side panels oppose each other. Preferably, the side panels or just the first side panel is/are affixed to the front and/or the back panel to the coherent piece. It may be possible, that the sleeve consists of or comprises one coherent piece comprising at least the sleeve front panel or the sleeve back panel, which is arranged affixed to the first and/or second side panel. A sleeve made of one coherent piece is easy to produce and therefore reduces

production costs.

[0017] In a further preferred embodiment the sleeve comprises a flap, which is affixed to the sleeve front and/or sleeve back panel. Ideally, the flap is also arranged adjacent to a side panel and/or forms a connection of a side panel and the front and/or back panel. Preferably an inside face of the flap is affixed to an outside and/or inside face of the front and/or back panel. The fixation of the flap and the front and/or back panel may be an adhesive substance e.g. glue, gum, an epoxy or a cement. The flap may further be shaped rectangular, trapezoidal, curved, or comprise any other shape suitable to provide a surface sufficiently large to fix a face of the flap and a face of the front and/or back wall. That way the sleeve can be produced out of one piece of material, which is cut into the final shape to be subsequently folded and fixed to form the final sleeve.

[0018] In another preferred embodiment the sleeve comprises a protrusion, which is positioned at an upper edge of the sleeve. Ideally, the protrusion is positioned adjacent to an upper edge of the front or back panel. Further, the protrusion may be positioned such that a distance between the lateral side edges of the front and/or back panel is equal. It is also possible that the protrusion is positioned such that a distance between one lateral side edge of the front and/or back panel is larger than a distance between another lateral side edge of the front and/or back panel. The protrusion may be shaped rectangular, trapezoidal, curved or triangular. Due to the protrusion the sleeve is easily grabable in order to remove the sleeve from the pouch.

[0019] In another preferred embodiment, the sleeve is shaped rectangular or curvy. Ideally, the shape of the sleeve fits into at least one compartment of the pouch. It is further preferred that the shape of the sleeve corresponds to a shape of at least one compartment of the pouch.

[0020] In a preferred embodiment, the sleeve comprises at least a first spacer section, which is able to space the sleeve front panel from the sleeve back panel. Ideally, the sleeve comprises at least a second spacer section. Preferably, a length of the first and/or second spacer section defines the depth of the sleeve and in particular the length of the first and/or second spacer section are equal to the length of the side panels. One of the spacer sections may be shorter in length than the other spacer section.

[0021] It may be possible that a distance between the first and second spacer section is smaller than a distance between the first and second side panel or between two lateral side edges of the front or back panel. A spacer section guarantees that the sleeve remains in an unfolded state, once it has been unfolded. Additionally, the spacer sections keep the sleeve in a defined width so that articles are storable within the sleeve in an unfolded state. At best, the first and/or second spacer section defines the width of the sleeve in an unfolded state. Moreover, the spacer section/s split/s a chamber of the un-

folded sleeve into two or more, in particular three chambers. Ideally, a width of at least two chambers are equal, wherein each chamber may alternatively have an individual width. It may also be possible that all chambers have the same width along the width direction.

[0022] In a preferred embodiment, the spacer section is a cutout folding web, which is affixed to the sleeve front panel and the sleeve back panel. Ideally, the first and/or second spacer section is arranged adjacent to a strip, which connects a lateral side edge with the spacer. Preferably, each spacer section is affixed to a strip. Most preferably the strip spaces the spacer section/s from the lateral side edge/s and/or is affixed to the lateral side edge and the spacer. The strip may be a part of the cutout folding web. With the strip affixed to the front and/or back wall, the sleeve is able to keep its shape after folding.

[0023] In a preferred embodiment, at least a part of an inner face of the cutout folding web is affixed to an inner surface of the sleeve front or sleeve back panel. The strip may define the at least one part of the inner face of the cutout folding web. The cutout folding web, and in particular the strip of the cutout folding web is arranged between an upper and a lower part of the side panel. Moreover, the spacer section/s may define a cutout of the front and/or back panel. When the spacer section and the strip are formed as cutout of the lateral side panels, the front panel and/or the back panel, the sleeve becomes more stable in an unfolded state.

[0024] In a preferred embodiment, the sleeve comprises at least one partition wall. Preferably, the sleeve comprises at least two or more partition walls. Ideally, the partition walls are arranged within at least one compartment of the sleeve. Preferably, at least one partition wall is arranged perpendicular to at least one, preferably the other partition walls. Very preferably, the partition walls are arranged such that they define at least two, in particular more cells. The cells may be shaped such that just one cigarette fits into one cell, in particular the cigarette may be storable in an orientation with its length perpendicular to the width of the sleeve. This way each cigarette is protected against mechanical stress from all sides around the cigarette's length axis.

[0025] In a preferred embodiment, the outer envelope of the Pouch consists of or comprises one coherent piece comprising the lid, the back wall, the front wall and the intermediate wall. The intermediate wall may partially delimit the second compartment. The outer envelope of the pouch may consist of two or more pieces, which are connected and fixed together to define one piece comprising the lid, the back wall, the front wall and the intermediate wall. It is possible that the lid, the back wall, the front wall and/or the intermediate wall define individual pieces which are connected and/or fixed inseparably. Ideally, the lid, the back wall, the intermediate wall and the front wall are arranged in a defined sequence one behind the other. Preferably, the lid is connected to the back wall and the back wall is connected to the intermediate wall, wherein the intermediate wall is connected to the front wall. The

front wall may be connected to the intermediate wall and the back wall. An outer envelope consisting of one coherent piece is easy to produce so that the production costs are at a low level.

[0026] In a preferred embodiment, a front part of the envelope, which is connected to the back wall at a lower edge of the envelope, is folded such that the front part defines the front wall and the intermediate wall. Such folding allows the pouch to be folded out of one piece of the outer envelope.

[0027] According to a preferred embodiment, the front part of the envelope is folded such that at least a part of the intermediate wall, preferably a major part and preferably the complete intermediate wall and/or at least a part. Preferably a major of the front wall is a double layer of the material of the envelope. Ideally, an unfolded envelope comprises a lid section comprising the lid, a back wall section comprising the back wall, a front wall section comprising the front wall and an intermediate section comprising the intermediate wall.

[0028] In a folded state of the envelope these sections preferably are affixed to one another at the lateral edges of the pouch. Moreover, in a folded state of the envelope preferably the first compartment is positioned between the back wall and the intermediate wall and/or the second compartment is positioned between the front wall and the intermediate wall.

[0029] Preferably, the envelope is folded such that the lid, the back wall and the intermediate wall are a single layer of the material of the envelope, wherein the front wall is a double layer of the material of the envelope. In this embodiment the envelope is folded such that the single layer lid section is connected to the single layer back wall section, which is connected to the double layer front wall section, which is connected to the single layer intermediate wall section.

[0030] Preferably, the envelope is folded such that the lid, the back wall and the front wall are a single layer of the material of the envelope, wherein the intermediate wall is a double layer of the material of the envelope. In this embodiment the envelope is folded such that the single layer lid section is connected to the single layer back wall section, which is connected to the double layer intermediate wall section, which is connected to the single layer front wall section. It may be possible that the front wall is also folded such that it is at least partly a double layer, for example completely a double layer of the material of the front wall. It may be possible that the intermediate wall is also folded such that it is at least partly a double layer, before example completely a double layer of the material of the front wall. At best, a height of a double layer section of the intermediate wall is equal to a height of the front wall. Different foldings are beneficial to the adjustments of the size of the compartments so that the size of the first and/or second compartment can be adjusted to a specific size.

[0031] According to a preferred embodiment, the first compartment is larger than the second compartment and

in particular a height of the first compartment is larger than the height of the second compartment. Ideally, a height of the intermediate wall is larger than the height of the front wall, wherein preferably a height of the back wall is larger than or equal to the height of the intermediate wall. It may also be possible that the height of the back wall, the intermediate wall and/or the front wall are equal. Preferably, a height of the back wall is larger than the height of the front wall and/or the intermediate wall. In a large compartment loose articles e.g. tobacco particles can be stored, wherein accessories are storable in the smaller compartment.

[0032] The objective is also reached by a method of producing a pouch for housing loose articles comprising an outer envelope with a front wall that opposes a back wall and is affixed to the back wall alongside of at least two lateral edges of the envelope, a lid covering at least a portion of the front wall in a closed state of the envelope, wherein the pouch comprises a first compartment for the reception of loose articles, the first compartment being delimited by the back wall, the pouch further comprises a second compartment being delimited from the first compartment, wherein the pouch comprises an additional sleeve arranged in the first or second compartment, comprising the steps of:

- a. Providing the envelope,
- b. folding the envelope to provide the pouch with the first and second compartment,
- c. providing the additional sleeve, which is folded or unfolded,
- d. arranging the sleeve in a compartment of the pouch.

[0033] In a first step, the envelope will be provided. Preferably, the envelope comprises at least the material described above, wherein the material may comprise one or more layers of the materials described above.

[0034] In a second step, the envelope will be folded to form the pouch as described above. After folding the envelope with the first compartment, the second compartment, the lid section, the back wall section, the intermediate wall section and/or the front wall section, the sections are fixed to one another in a further step by, e.g. welding or gluing or sealing the wall sections at lateral edges.

[0035] In a further step, the sleeve is produced. After production of the sleeve, the sleeve will preferably be folded to form the folded sleeve, wherein the sleeve has characteristics as described above. After folding the folded sleeve, the flap of the sleeve will be affixed to the sleeve front and/or sleeve back panel.

[0036] In a further step, the folded or unfolded sleeve will be arranged in one compartment of the pouch, in particular in the second compartment and especially in the smaller compartment.

[0037] Further advantages, objectives and features of the present invention will be described, by way of exam-

ple only, in the following description with reference to the appended figures. In the figures, like components in different embodiments can exhibit the same reference symbols.

[0038] The figures show:

Fig. 1 Pouch with an unfolded foldable sleeve in a perspective view.

Fig. 2 Unfolded foldable sleeve in a perspective view.

Fig. 3 Schematic view of different foldings of the envelope of the pouch.

[0039] In Figure 1 shows a pouch 1 with a lid 4, a back wall 20, a front wall 10, an intermediate wall 30, a folding line 5 and an unfolded foldable sleeve 50. The lid 4 is arranged adjacent to the back wall 20 (and preferably as one piece with the back wall 20), wherein the folding line 5 is positioned between the back wall 20 and the lid 4. The back wall 20 ideally opposes the intermediate wall 30, wherein the intermediate wall 30 is arranged between the back wall 20 and the front wall 10 and in particular also opposes the front wall 10.

[0040] The back wall 20, the front wall 10 and/or the intermediate wall 30 are preferably attached and in particular fixed to one another at a first and second lateral edge 3a, 3b and/or a lower edge 3c of the pouch 1.

[0041] A first opening 6a of the first compartment is positioned between upper edges 21, 31 of the back wall 20 and the intermediate wall 30. A second opening 7a is arranged between an upper edge 11 of the front wall 10 and the upper edge 31 of the intermediate wall 30 or the intermediate wall 30. The folded or unfolded foldable sleeve 50 is positioned within the first 6 or second 7 compartment.

[0042] Ideally, the first compartment 6 is delimited by the back wall 20, the intermediate wall 30 and the first and second lateral edge 3a, 3b of the pouch. Preferably, the second compartment 7 is delimited by the front wall 10, the intermediate wall 30 and the first and second lateral edge 3a, 3b of the pouch.

[0043] The pouch extends in a width direction W, in a height direction H and in a depth direction D. Preferably, a distance 5a between the folding line 5 and the lower edge 3c is larger than a distance 12, 32 between the lower edge 3c and the upper edge of the front wall 10 and/or of the intermediate wall 30. It may be possible that the distance 12 between the lower edge 3c and the upper edge of the front wall 10 and/or of the intermediate wall 30 is equal to the distance 5a between the folding line 5 and the lower edge 3c. Preferably, the distance 5a is larger than 80mm, preferably larger than 90mm and preferably larger than 110mm.

[0044] Figure 2 shows the unfolded sleeve 50 with a front panel 80, a back panel 90, a flap 55, a protrusion 70, a first side panel 100, a second side panel 110, a first lateral side edge 51, a second lateral side edge 52, a

third lateral side edge 53 and/or a fourth lateral side edge 54. The sleeve extends in the width direction W, in the height direction H and in the depth direction D. Preferably, the front panel 80 and/or the back panel 90 extends in the width direction D and in the height direction H, wherein the first and/or second side panel ideally extends in the depth direction D and in the height direction H. The unfolded sleeve 50 is preferably formed in box like shape.

[0045] Ideally, the sleeve 50 is made of one coherent piece, wherein the front panel 80 is arranged adjacent to the first side panel 100, the first side panel 100 is arranged adjacent to the back panel 90, the back panel 90 is arranged adjacent to the second side panel 110 and/or the second side panel 110 is arranged adjacent to the front panel 80 and/or the flap. Preferably, the front panel 80, the first side panel 100, the back panel 90, the second side panel 110 and the flap arranged in said sequence behind one another. It may be possible that the sleeve 50 is made of one coherent piece comprising the front panel 80, the back panel 90 and the flap which are arranged in said sequence and in particular affixed to each other at the first and/or second lateral side edge 51, 54. The flap may further be shaped rectangular, trapezoidal, curved, or comprise any other shape suitable to provide a surface sufficiently large to fix a face of the flap and a face of the front and/or back wall.

[0046] Moreover, the front panel 80 is positioned between the second lateral side edge 52 and the third lateral side edge 53 and in particular opposes the back panel 90, which ideally extends between the first lateral side edge 51 and the fourth lateral side edge 54. The first side panel 10 and the second side panel 110 may oppose each other, wherein the first side panel 10 is ideally positioned between first lateral side edge 51 and the second lateral side edge 52. At best, the second side panel 110 is positioned between the third lateral side edge 53 and the fourth lateral side edge 54, wherein the second side panel 110 is ideally arranged adjacent to the flap 55. Preferably, a face of the flap 55 is fixed to an outer surface 81 or an inner surface of the front panel 80. However, the sleeve could also be configured differently with a flap which is fixed to an outer surface or inner surface 91 of the back panel 90 or side panels 100, 110.

[0047] The protrusion 70 is ideally positioned at an upper edge 82, 92 of the front panel 80 or back panel 90. The sleeve may comprise two or more protrusions that are ideally arranged at an upper edge 82, 92 of the front panel 80 and/or back panel 90. Ideally, the protrusion is positioned adjacent to the upper edge 82, 92 of the front panel 80 or back panel 90. Further, the protrusion 70 may be positioned adjacent to the back panel 90 such that a distance A between the first lateral side edge 51 and the protrusion 70 is equal to a distance B between the protrusion and the fourth lateral side edge 54.

[0048] The protrusion 70 may also be positioned adjacent to the back panel 90 such that the distance A between the first lateral side edge 51 and the protrusion 70 is larger or smaller than the distance B between the pro-

trusion 70 and the fourth lateral side edge 54. It may also be possible that the protrusion 70 is positioned adjacent to the front panel 80 such that the distance A between the second lateral side edge 52 and the protrusion 70 is equal to the distance B between the protrusion 70 and the third lateral side edge 53. It is further possible that the protrusion 70 is positioned adjacent to the front panel 80 such that the distance A between the second lateral side edge 52 and the protrusion 70 is larger or smaller than the distance B between the protrusion 70 and the third lateral side edge 53.

[0049] The sleeve 50 further comprises at least one, preferably more and in particular two cutout folding webs 59, which preferably comprise a spacer section 60 and a strip 65. The spacer section/s 60 is/are positioned between an inner surface 91 of the back panel 90 and an inner surface of the front panel 80.

[0050] Ideally, the spacer section/s space/s the front panel 80 from the back panel 90 in distance 120, which corresponds to a length L of at least one side panel 100, 110. It may be possible that the distance L is larger or smaller than the length 120 of at least one side panel 100, 110. It may also be possible that the length 120 of one side panel 100, 110 is larger than the length 120 of the other side panel 100, 110.

[0051] Preferably, the cutout folding webs are arranged opposite to each other and in particular at least one cutout folding web defines a cutout of the back panel and the second side panel 110, wherein another cutout folding web defines a cutout of the front panel and the first side panel 100. Ideally, at least one strip 65 is arranged adjacent and fixed to the back panel 90 at the first lateral side edge 51 and to a spacer section at a first edge 59a of the cutout folding web 59.

[0052] Ideally, at least one other strip is arranged adjacent and fixed to the front panel 80 at the third lateral side edge 53 and to a spacer section at a first edge 59a of the cutout folding web 59. It may be possible that one strip 65 is arranged adjacent and fixed to the front panel 80 at the second lateral side edge 52 and to a spacer section at a first edge 59a of the cutout folding web 59 or that one strip 65 is arranged adjacent and fixed to the back panel 90 at the fourth lateral side edge 54 and to a spacer section at a first edge 59a of the cutout folding web 59. Further, at least one, preferably two spacer sections 60 is/are connected to a strip 65 at a first edge 59a of one cutout folding web 59 and to an inner edge 83, 93 of the front panel 80 or the back panel 90.

[0053] A cutout distance C1, C2 extends in a width direction and in particular from an inner edge of the front 80 or back 90 wall to a lateral side edge. A first cutout distance C1 may extend from the inner edge 83 of the front panel 80 to the second lateral side edge 52. A second cutout distance C2 may extend from the inner edge 93 of the back panel to the fourth lateral side edge 54. One cutout distance may extend from the inner edge 83 of the front panel 80 to the third lateral side edge 53. One other cutout distance may extend from the inner edge 93

of the back panel to the first lateral side edge 51. Ideally, at least one, may be more cutout folding web/s separate/s the first and/or second side panel 100, 110 into two or more parts, wherein at least one cutout folding web is positioned between two parts of a side panel 100, 110.

[0054] A distance C1, C2 between an inner edge 83, 93 of the front 80 or back 90 panel and a lateral side edge 51, 52, 53, 54 may correspond to a length 66 of the strip 65 and/or to the distance between the protrusion 70 and a lateral side edge 51, 52, 53, 54.

[0055] In a possible alternative, the cut out folding webs 59 are replaced by additional webs comprising first and second folded end strips and/or respectively fixed to the inner surface of the front panel and back panel 91.

[0056] Figure 3a-c show different foldings of an envelope 3 of a pouch 1. The pouch 1 is preferably made of a flexible material, which may comprise a polymer material such as polyethylene, polypropylene, polyester like e.g. polyethylene terephthalate, cast polypropylene, oriented polypropylene, metallized polyethylene terephthalate and/or a paper like material and/or any combination thereof. It is also possible that the material may comprise one, two, three or more layers of one or more of said materials or a combination thereof.

[0057] The envelope preferably comprises a lid section 4, a back wall section 20, an intermediate wall section 30 and/or a front wall section 10. The lid 4, the back wall 20, the intermediate 30 and/or the front wall 10 section of the envelope may comprise one or more layers of said materials to form the material of the pouch 1. A first compartment 6 is positioned between the back wall 20 section and the intermediate wall 20 section, wherein a second compartment 7 is ideally positioned between the intermediate wall 30 section and the front wall 10 section.

[0058] An opening 6a of the first compartment 6 is preferably positioned between an upper edge 31 of the intermediate wall 30 section and the back wall 20 section. An opening 7a of the second compartment 7 is positioned between an upper edge 11 of the front wall 10 section and the intermediate wall 30 section or the upper edge 31 of the intermediate wall 30 section. At best, a lower edge of the first compartment 6 corresponds to the lower edge 3c of the pouch.

[0059] In figure 3a the envelope 3 is made of one coherent piece, wherein that piece is ideally folded such that the lid 4, the back wall 20, the front wall 10 and the intermediate wall 30 sections are arranged one behind the other, wherein the lid 4 preferably defines a start of the sequence and/or the intermediate wall 30 defines an end of the sequence. A lower edge 3c of the folded envelope is arranged at a transition area of the back wall 20 section and the front wall 10 section, which is where the material of the pouch 1 is bend. Another bending area is preferably positioned at an upper edge 11 of the front wall 10 section so that the front wall 10 section comprises two layers of the material of the pouch 1. A further bending area is positioned at a lower edge 8 of a second compartment 7, which is arranged between the front wall 10

section and the intermediate wall 30 section. At best, the front wall 10 section opposes an intermediate wall 30 section.

[0060] Preferably a distance 7b between the lower edge 8 of the second compartment 7 and the upper edge 11 of the front wall 10 is equal to or smaller than a distance between an upper edge 31 of the intermediate wall 30 and the lower edge 8 of the second compartment.

[0061] In figure 3b the envelope 3 is made of one coherent piece, wherein that piece is ideally folded such that the lid 4, the back wall 20, the intermediate wall 30 and the front wall 10 sections are arranged one behind the other, wherein the lid 4 preferably defines a start of the sequence and/or the front wall 10 section defines an end of the sequence. A lower edge 3c of the folded envelope is arranged at a transition area of the back wall 20 section and the intermediate wall 30 section, which is where the material of the pouch 1 is bend.

[0062] Another bending area is preferably positioned at an upper edge 31 of the intermediate wall 30 section so that the intermediate wall 30 section comprises at least partly, preferably completely two layers of the material of the pouch 1. A further bending area is positioned at a lower edge 8 of a second compartment 7, which is arranged between the front wall 10 section and the intermediate wall 30 section. Ideally, a further bending area is positioned at the upper edge 11 of the front wall 10 section so that the front wall 10 section at least partly comprises two layers of the material of the pouch.

[0063] Preferably a distance 7b between the lower edge 8 of the second compartment 7 and the upper edge 11 of the front wall 10 is equal to or smaller than a distance between the upper edge 31 of the intermediate wall 30 and the lower edge 8 of the second compartment so that ideally a volume of the second compartment 7 is equal to or larger than a volume of the first compartment 6.

[0064] In figure 3c the envelope 3 is made of one coherent piece, wherein that piece is ideally folded such that the lid 4, the back wall 20, the intermediate wall 30 and the front wall 10 sections are arranged one behind the other, wherein the lid 4 preferably defines a start of the sequence and/or the front wall 10 section defines an end of the sequence.

[0065] A lower edge 3c of the folded envelope is arranged at a transition area of the back wall 20 section and the intermediate wall 30 section, which is where the material of the pouch 1 is bend. Another bending area is preferably positioned at an upper edge 31 of the intermediate wall 30 section so that the intermediate wall 30 section comprises at least partly, preferably completely two layers of the material of the pouch 1. A further bending area is positioned at a lower edge 8 of a second compartment 7, which is arranged between the front wall 10 section and the intermediate wall 30 section.

[0066] Preferably a distance 7b between the lower edge 8 of the second compartment 7 and the upper edge 11 of the front wall 10 is smaller than a distance between the upper edge 31 of the intermediate wall 30 and the

lower edge 3c of the first compartment so that ideally a volume of the second compartment 7 is smaller than a volume of the first compartment 6.

[0067] The applicant reserves his right to claim all features disclosed in the application document as being an essential feature of the invention, as long as they are new, individually or in combination, in view of the prior art. Furthermore, it is noted that in the figures features are described, which can be advantageous individually. Someone skilled in the art will directly recognize that a specific feature being disclosed in a figure can be advantageous also without the adoption of further features from this figure. Furthermore, someone skilled in the art will recognize that advantages can evolve from a combination of diverse features being disclosed in one or various figures.

List of reference symbols

[0068]

1	Pouch	
3	Envelope of the pouch	
3a	First lateral edge of the envelope	
3b	Second lateral edge of the envelope	
3c	lower edge	
4	Lid	
5	Folding line	
5a	Distance between folding line and lower edge	
6	First compartment	
6a	First opening	
7	Second compartment	
7a	Second opening	
7b	Distance between the lower edge of the second compartment and the upper edge of the front wall	
8	Lower edge of the second compartment	
10	Front wall	
11	Upper edge of the front wall	
12	Distance between the upper edge of the front wall and the lower edge	
20	Back wall	
21	Upper edge of the back wall	
30	intermediate wall	
31	Upper edge of the intermediate wall	
32	Distance between upper edge of the intermediate wall and lower edge	
50	Sleeve	
51	First lateral side edge	
52	Second lateral side edge	
53	Third lateral side edge	
54	Fourth lateral side edge	
55	Flap	
59	Cutout folding web	
59a	First edge of the Cutout folding web	
60	Spacer section	
65	Strip	
66	Length of the strip	
70	Protrusion	

80	Front panel	
81	Outer surface of the front panel	
82	Upper edge of the front panel	
90	Back panel	
5 91	Inner surface of the back panel	
92	Upper edge of the back panel	
100	First side panel	
110	Second side panel	
120	Length of the side panels	
10 A	Distance between the protrusion and the first/second lateral side edge	
B	Distance between the protrusion and the fourth/third lateral side edge	
C1	Cutout distance between the inner edge of the front panel and the second lateral side edge	
15 C2	Cutout distance between the inner edge of the back panel and the fourth lateral side edge	
L	Distance between the front and the back panel	
W	Width direction	
20 H	Height direction	
D	Depth direction	

Claims

- 25
1. Pouch (1) for housing loose articles comprising an outer envelope (3) with a front wall (10) that opposes a back wall (20) and is affixed to the back wall (20) alongside of at least two lateral edges (3a, 3b) of the envelope (3), a lid (4) covering at least a portion of the front wall (10) in a closed state of the envelope (3), wherein the pouch (1) comprises a first compartment (6) for the reception of loose articles, the first compartment (6) being delimited by the back wall (20), the pouch (1) further comprises a second compartment (7) being delimited from the first compartment (6),
characterized in that
the pouch comprises an additional stabilizing sleeve (50) removably arranged in the first (6) or second (7) compartment.
 2. Pouch (1) for housing loose articles according to claim 1,
characterized in that
A stiffness of the material of the sleeve (50) is higher than a stiffness of the material of the envelope (3).
 3. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) is foldable from an unfolded state to a folded state and/or vice versa and/or the sleeve (50) is foldable by exertion of pressure on at least a first sleeve side edge and an opposing second sleeve side edge.
 4. Pouch (1) for housing loose articles according to any

- of previous claims,
characterized in that
the sleeve (50) consists of or comprises one coherent piece comprising at least a sleeve front panel and a sleeve back panel.
5. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) comprises a flap, which is affixed to the sleeve front and/or sleeve back panel.
6. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) comprises a protrusion (70), which is positioned at an upper edge of the sleeve (50).
7. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) is shaped rectangular.
8. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) comprises at least a first spacer section, which is able to space the sleeve front panel from the sleeve back panel.
9. Pouch (1) for housing loose articles according to claim 8,
characterized in that
the spacer section is a cutout folding web, which is affixed to the sleeve front panel and the sleeve back panel.
10. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
at least a part of an inner face of the cutout folding web is affixed to an inner surface of the sleeve front or sleeve back panel.
11. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the sleeve (50) comprises a paper, carton, cardboard or plastics material.
12. Pouch (1) for housing loose articles according to any of previous claims,
characterized in that
the outer envelope (3) of the Pouch (1) consists of or comprises one coherent piece comprising the lid (4), the back (20) wall, the front (10) wall and an intermediate wall (30) partially delimiting the second compartment (7).
13. Pouch (1) for housing loose articles according to claim 12,
characterized in that
a front part of the envelope (3), which is connected to the back wall (20) at a lower edge (3c) of the envelope (3), is folded such that the front part defines the front wall (10) and the intermediate wall (30).
14. Pouch (1) for housing loose articles according to claim 12,
characterized in that
the front part of the envelope (3) is folded such that at least a part of the intermediate wall (30) and/or at least a part of the front wall (10) is a double layer of the material of the envelope (3).
15. Method of producing a pouch (1) for housing loose articles comprising an outer envelope (3) with a front wall (10) that opposes a back wall (20) and is affixed to the back wall (20) alongside of at least two lateral edges (3a, 3b) of the envelope (3), a lid (4) covering at least a portion of the front wall (10) in a closed state of the envelope (3), wherein the pouch (1) comprises a first compartment (6) for the reception of loose articles, the first compartment (6) being delimited by the back wall (20), the pouch (1) further comprises a second compartment (7) being delimited from the first compartment (6), wherein the pouch comprises an additional sleeve (50) arranged in the first (6) or second (7) compartment, comprising the steps of:
- Providing the envelope (3),
 - folding the envelope (3) to provide the pouch with the first (6) and second (7) compartment,
 - providing the additional sleeve (50), which is folded or unfolded,
 - arranging the sleeve (50) in a compartment of the pouch (1).

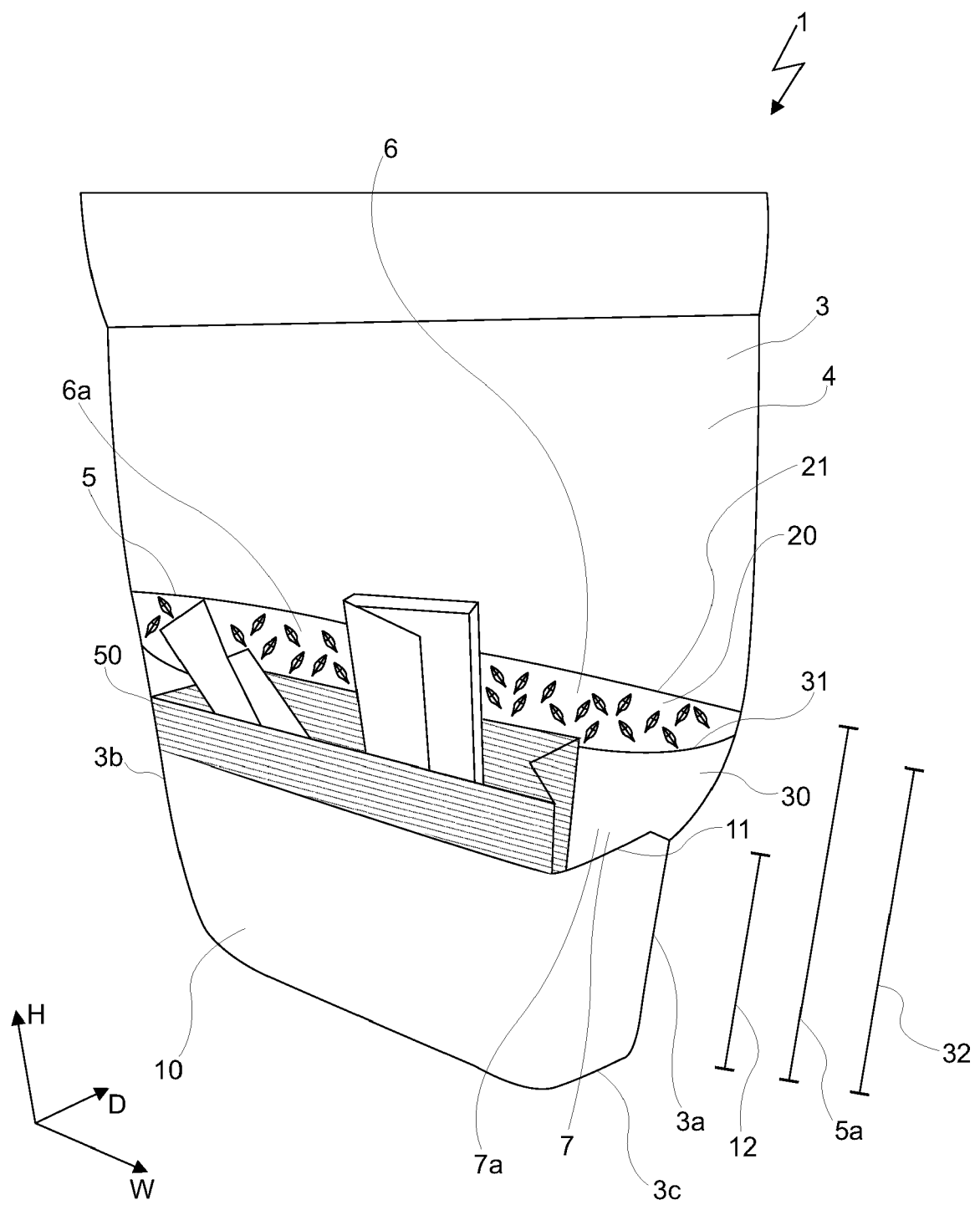


Fig. 1

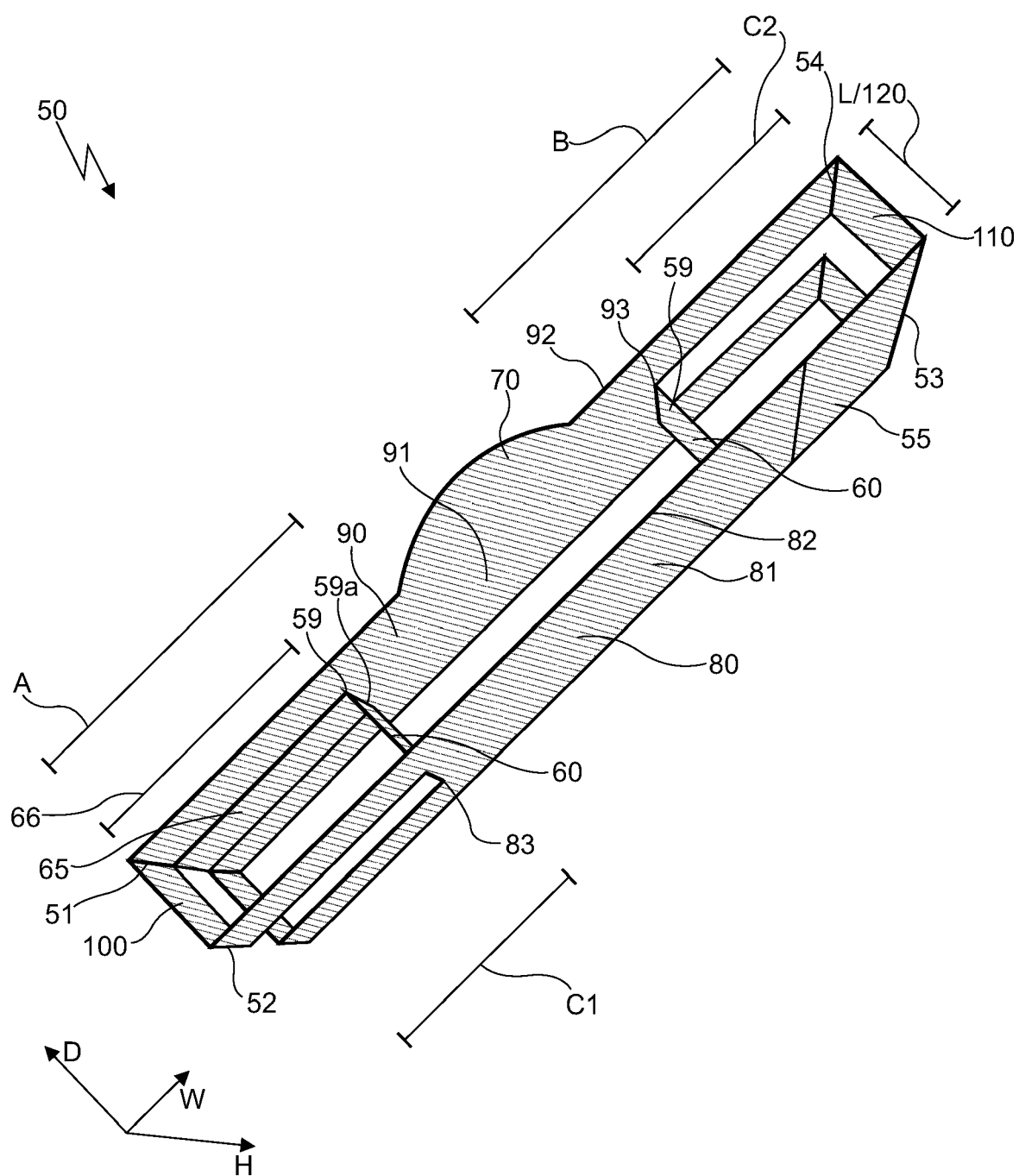


Fig. 2

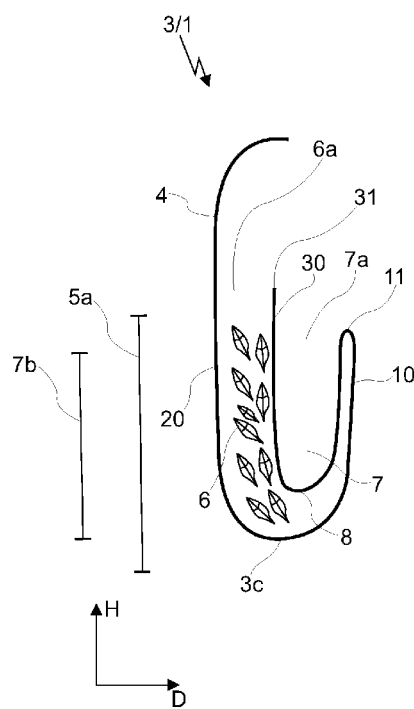


Fig. 3a

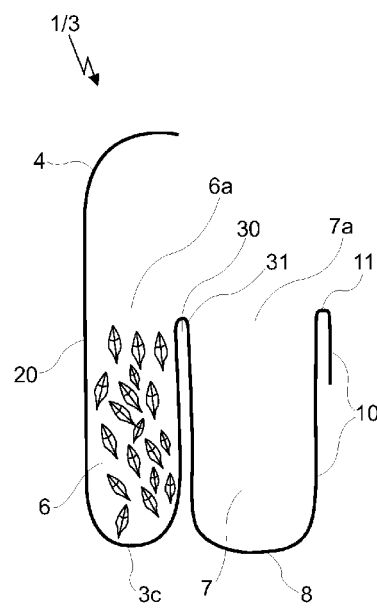


Fig. 3b

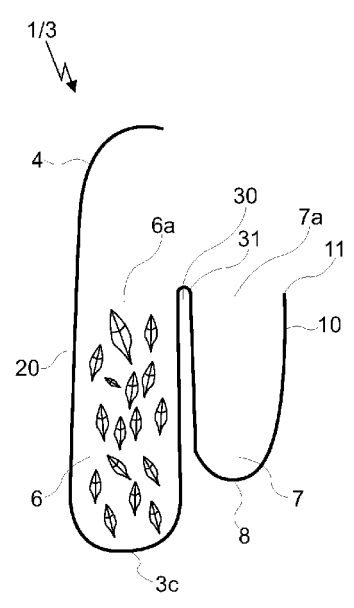


Fig. 3c



EUROPEAN SEARCH REPORT

Application Number
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Place of search Munich		Date of completion of the search 3 September 2020	Examiner Cabrele, Silvio
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