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(54) **Cigarette paper dispenser with refreshment article, blank and method of manufacturing**

Zigarettenpapierspender mit Erfrischungsartikel, Zuschnitt und Verfahren zur Herstellung

Distributeur de papier à cigarettes avec article de rafraîchissements, ébauche et procédé de fabrication

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EP 3 064 077 B1

Description

FIELD OF THE INVENTION

[0001] The invention relates to a cigarette paper dispenser, a blank and a method of manufacturing the cigarette paper dispenser.

BACKGROUND

[0002] Cigarette paper dispensers for hand-making cigarettes are generally known in the art. They usually comprise a box containing a stack of cigarette papers and a folding lid coupled to the box by a hinge. Each of the cigarette papers can be retrieved separately from the box through a slot through which a free end of the top one of the cigarette papers extends.

[0003] EP 1 651 066 B1 for example discloses a cigarette paper dispenser for storing and supplying small sheets of cigarette paper for self-made cigarettes. Said cigarette paper dispenser comprises a box containing at least one stack of small sheets of cigarette paper. The top layer of said stack extends through a slot that is allocated to the stack and is located on the top face of the box. A flap lid which covers the slot located on the top face of the box in the closed state is hinged to the box. The small covering sheet of the stack, i.e. the small sheet placed on top in the new state of the cigarette paper dispenser, is embodied in a manner that is different from the other small sheets of the stack. The flap lid is fixed, preferably glued, to the box in the new state of the cigarette paper dispenser such that said flap lid cannot be lifted up.

[0004] It is generally desirable for smokers to consume a refreshment article after having smoked. These refreshment articles are usually provided in separated boxes. The drawback of this typical situation is that the consumer has to carry multiple boxes and can unexpectedly run out of refreshment articles. However, combining receptacles for cigarette papers and refreshment articles bears the risk of cross-contamination (contact) between the cigarette papers and refreshment article which is to be avoided.

SUMMARY

[0005] It is an object of the invention to provide a cigarette paper dispenser comprising a refreshment article having a low risk of cross contamination and being easy to manufacture.

[0006] According to an aspect, a cigarette paper dispenser for storing and supplying sheets of cigarette paper for hand-making cigarettes is provided. The cigarette paper dispenser comprises a box and a folding lid that is coupled to the box by a hinge. The box comprises at least a first compartment which contains at least one stack of cigarette papers, the top layer of which extends through a first slot on the upper side of the first compartment of the box allocated to the stack. The folding lid, is articulated onto the box and in the folded down position covers the slot on the upper side of the box. The box can further comprise at least one second compartment containing a refreshment article being configured as a stack of sheets of a consumable dissolvable film. The top layer or sheet of the stack can extend through a second slot on the upper side of the box. The stack of cigarette papers and the stack of sheets of the consumable dissolvable film are arranged such that mutual cross-contamination between the cigarette papers and the stack of sheets of the consumable dissolvable film is prevented during storage and retrieval.

[0007] The dissolvable consumable film can advantageously have a mild peppermint flavor. The film can have a thickness between 0.28 mm and 0.381 mm.

[0008] According to one aspect, cross-contamination is prevented by providing a distance between the first slot and the second slot of at least 5 mm in a direction perpendicular to the maximum extension of the cigarette papers.

[0009] The first compartment (or first slot) can be arranged close to a first side of the box, and the second compartment (or second slot) can be arranged close to a second side of the box that is opposite to the first side with respect to a hinge line at which the folding lid is articulated to the box.

[0010] A free edge of a top sheet of the stack of cigarette papers contained in the first compartment can protrude from the slot and point away from the hinge line of the folding lid at which the folding lid is articulated to the box. Furthermore, a free edge of a top sheet of the consumable dissolvable film contained in the second slot can also protrude from the second slot and point away from the cigarette paper. This can further reduce the risk of cross-contamination between the cigarette paper and the refreshment article.

[0011] Advantageously, the pull-out (retrieving) direction of the cigarette papers can be normal (perpendicular) to the slot, i.e. normal to the top wall of the box. The pull-out direction of the sheets of the refreshment article can also be normal to the top wall of the box.

[0012] The box can further comprise a third compartment containing a refreshment article being configured as a stack of sheets of a consumable dissolvable film. The top sheet can also extend through a third slot on the upper side of the

box, and the second compartment and the third compartment can be arranged in-line, side-by-side and parallel to the maximum extension of the cigarette papers.

[0013] The box can further comprise a fourth compartment containing a refreshment article being configured as a stack of sheets of a consumable dissolvable film. The top sheet can extend through a fourth slot on the upper side of the box, and the second compartment, the third compartment and the fourth compartment can be arranged in-line, side-by-side and parallel to the maximum extension of the cigarette papers.

[0014] Furthermore, intermediate walls can be arranged between the different compartments, in particular between the cigarette paper and the refreshment articles.

[0015] The cigarette papers within the stack of cigarette papers can be interleaved. Likewise, the sheets of dissolvable film of the refreshment article can also be interleaved. This simplifies the separate retrieval of each sheet as the removal of the top layer or top sheet entails that the free edge of the next sheet appears outside the slot.

[0016] The number of sheets of dissolvable film can be equal to or twice the number of cigarette papers. This provides that the consumer has a lower risk of running out of refreshment articles before the last cigarette paper is used.

[0017] A resilient buffer can be arranged behind the stacks of sheets of the dissolvable film. This provides a pushing force such that the stack of films is pressed towards the slot and therefore simplifies the retrieval of the sheets of film, in particular when the number of sheets is rather low. The resilient buffer can be configured as a folded paper or folded cardboard having at least one fold, and in particular two, three or more folds.

[0018] The stack of film can be contained in a blister. This can prevent that the films lose humidity and/or flavor during storage and cross-contamination.

[0019] The cover sheet of each of the stacks, i.e. the top sheet when the cigarette paper dispenser is in a new condition can be designed differently from the other sheets of the stack.

[0020] The present invention also provides a blank for a cigarette paper dispenser comprising a box and a folding lid articulated at a hinge line to the box. Advantageously, only a single blank is used for manufacturing the cigarette dispenser. The (single) blank can comprises a top wall, a bottom tongue coupled to the top wall, a bottom wall coupled to the top wall at an opposite side with respect to the bottom tongue, a left tongue coupled to the top wall, a right tongue coupled to the top wall at an opposite side with respect to the left tongue, and the folding lid coupled to the bottom wall at an opposite side with respect to the top wall as well as folding (perforation) and creasing lines. The top wall can contain at least a first cutout for a first slot and a second cutout for a second slot. The first cutout can have a maximum extension in a first direction that is, at least slightly greater than the maximum extension of the cigarette paper. The second cutout can have a maximum extension that is lower than the maximum extension of the first cutout. The first cutout and the second cutout can be separated by a bridging wall integrally comprised in the top wall.

[0021] The bridging wall can have a width equal to or greater than 5 mm. The maximum extension of the cigarette paper corresponds to the longitudinal length of a cigarette.

[0022] Advantageously, the right tongue can be configured to form a compartment that is suitable to encompass a stack of sheets of dissolvable film. Likewise, the left tongue can be configured to form a compartment that is suitable to encompass a stack of sheets of dissolvable film.

[0023] The invention also provides a method of manufacturing a cigarette paper dispenser comprising a box and a folding lid articulated at a hinge line to the box. In this method a blank as described herein can be used. The method can then comprise the steps of: arranging a stack of, for example interleaved, cigarette papers on the blank; folding the bottom tongue of the blank around the stack of cigarette papers. The right tongue and the left tongue may then be folded inwardly in order to form compartments for stacks of sheets of the dissolvable film of the refreshment article. At least one stack of consumable dissolvable film can then be arranged on the blank and/or in the folded right and/or left tongue. Eventually, the bottom wall can be folded around a bottom side of the box.

BRIEF DESCRIPTION OF DRAWINGS

[0024] Further aspects and characteristics of the invention ensue from the following description of the preferred embodiments of the invention with reference to the accompanying drawings, wherein

FIG. 1 is a simplified perspective view on a cigarette paper dispenser according to an embodiment in an open state;

FIG. 2 is a simplified perspective view on a cigarette paper dispenser according to an embodiment in a closed state;

FIG. 3 is a simplified top view on a cigarette paper dispenser according to an embodiment in a closed state including some dimensions;

FIG. 4 is a top view on an embodiment of a blank for manufacturing the cigarette paper dispenser;

FIG. 5 is a simplified perspective view of a first manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 6 is a simplified perspective view of a second manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 7 is a simplified perspective view of a third manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 8 is a simplified perspective view of a fourth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 9 is a simplified perspective view of a fifth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 10 is a simplified perspective view of a sixth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 11 is a simplified perspective view of a seventh manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 12 is a simplified perspective view of a eighth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4;

FIG. 13 is a simplified perspective view of a ninth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4, and

FIG. 14 is a simplified perspective view of a tenth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4.

DETAILED DESCRIPTION OF EMBODIMENTS

[0025] FIG. 1 is a simplified perspective view on a cigarette paper dispenser 1 according to an embodiment. The cigarette paper dispenser 1 is in an open state. The cigarette paper dispenser 1 comprises a box 2 and a folding lid 3. The cigarette paper dispenser is configured to store and supply sheets of cigarette paper 4 for hand-making cigarettes. The box 2 comprises at least a first compartment 5 which contains at least one stack of cigarette papers 4, the top layer of which extends through a first slot 6 on the upper side of the first compartment 5 of the box 2 allocated to the stack. The folding lid 3 is articulated onto the box 2 and in the folded down position covers the slot 6 on the top wall (upper side) 8 of the box 2. The box further comprises at least a second compartment 7-1 containing a refreshment article 9-1 being configured as a stack of sheets of a consumable dissolvable film. The top layer or top sheet of the dissolvable film extends through a second slot 10-1 on the top wall 8 of the box 2. The stack of cigarette papers 4 and the stack of sheets of the consumable dissolvable film 9-1 are arranged such that mutual cross-contamination between the cigarette papers 4 and the stack of sheets of the consumable dissolvable film 9-1 is prevented during storage and retrieval in that a distance D between the first slot 6 and the second slot 10-1 is at least 5 mm in a direction perpendicular to the maximum extension DMAX of the cigarette papers 4.

[0026] In this embodiment, there are three compartments 7-1, 7-2 and 7-3 for refreshment articles 9-1, 9-2, 9-3 and corresponding three slots 10-1, 10-2, 10-3 for each compartment 7-1, 7-2, 7-3.

[0027] The first compartment 5 or first slot 6 can be arranged close to a first side of the box, and any second compartment 7-1, 7-2, 7-3 or second slot 10-1, 10-2, 10-3 can be arranged close to a second side of the box that is opposite to the first side with respect to the hinge line HL at which the folding lid 3 is articulated to the box 2.

[0028] FIG. 2 is a simplified perspective view on a cigarette paper dispenser 1 according to an embodiment in a closed state. In the closed state the folding lid 3 resides on the top wall 8 (not visible) and covers the slots 6, 10-1, 10-2 and 10-3 (not visible). The folding lid 3 can be resealable after it has been opened for the first time.

[0029] FIG. 3 is a simplified top view on a cigarette paper dispenser 1 according to an embodiment in a closed state including some dimensions. The length L1 can be between 65 mm and 85 mm and in particular 72.2 mm. The width W1 can be between 35 mm and 50 mm, and in particular 42.5 mm. Height or thickness T1 can be between 3 mm and 8 mm, and in particular 5.33 mm.

[0030] FIG. 4 is a top view on an embodiment of a blank 100 for manufacturing the cigarette paper dispenser 1. The

blank 100 comprises the following main portions: a top wall 8 including the first slot 6 for the cigarette paper in form of a coutout, and three further cutouts for the slots 10-1, 10-2 and 10-3. A bottom tongue 11 is coupled through a side wall 16 to the top wall 8. A bottom wall 12 is coupled to the top wall 8 through a side wall 17. The folding lid 13 is coupled to the bottom wall 12 through another wall 20 having about the height of the side walls 16, 17. A left tongue 13 is coupled to the top wall 8 through side wall 18. The left tongue 13 comprises intermediate wall 23 and extension wall 24. A right tongue 14 is coupled to the top wall 8 through the side wall 19. The right tongue comprises intermediate wall 22 and extension wall 25. There is a further cutout 15 in side wall 16 through which the content of the first compartment, i.e. the cigarette papers 4 are visible. The distance D is the distance between the first slot 6 for the cigarette papers and the other slots 10-1, 10-2 and 10-3 which are arranged in-line and side-by-side parallel to the first slot 6.

[0031] In FIG. 4, perforation lines are indicated by dashed lines having alternating long and short dashes. The perforation lines are advantageously configured as 2 mm cut and 1 mm hold point. Creasing lines (or weakening lines) are indicated as doted lines.

[0032] In an advantageous embodiment, the dimensions are as follows:

Ref.	Adv. Value im mm	Description
BMAX1	160.8	Total length of blank
BMAX2	171.05	Total width of blank
B1	4.1	Height of intermediate wall 22
B2	4.1	Height of side wall 19
B3	4.1	Height of side wall 18
B4	4.1	Height of intermediate wall 23
B5	42.3	width of side walls 18 and 19 and of top wall 8
B6	22.75	Length of main portion of tongue 14
B7	22.75	Length of main portion of tongue 13
B8 (DMAX)	72.2	Length of side walls 16 and 17 and of top wall 8 as well as bottom wall 12 and folding lid 3; corresponds also to length DMAX of first slot 6
B9	43.1	Width of folding lid 3
B10	42.5	Width of bottom wall 12
B11	29.1	Width of bottom tongue 11
B12	13.35	Length of extension wall 25 of tongue 14
B13	13.35	Length of extensional wall 24 of tongue 13
B14	4.5	Width of side wall 17
B15	4.22	Width of side wall 16
B16	5.33	Width of side wall 20
B17	22.75	Length of slot (cutout) 10-1
B18	22.75	Length of slot (cutout) 10-1
B19	22.75	Length of slot (cutout) 10-1
B20	1.975	Width of distance between slot 10-1 and slot 10-2
B21	1.975	Width of distance between slot 10-2 and slot 10-3

[0033] FIG. 5 is a simplified perspective view of a first manufacturing step for manufacturing the cigarette dispenser 1 according to an embodiment using the blank 100 of FIG. 4. In this perspective view it is also indicated that the top wall 8 contains some bridging walls 80-1, 80-2, 80-3, 80-4, 80-5 which form an integral part of the top wall 8 and separate the cutouts or slots 6, 10-1, 10-2 and 10-3 from each other and from the rear edge RE of the dispenser and the front edge FE of the dispenser. The first bridging wall 80-1 is located between the rear edge RE of the dispenser 1 and the first slot 6 and extends over the full length (DMAX, see FIG. 4) of the dispenser 1 which corresponds to the length of

the first slot 6. Bridging wall 80-2 is located between the first slot 6 and the other three slots 10-1, 10-2 and 10-3 and also extends over the full length of the dispenser 1. Bridging wall 80-2 provides the required distance D between the slots 10-1, 10-2 and 10-3 for the refreshment articles and the first slot 6 for the cigarette papers. Any cross-contamination can advantageously be prevented by providing a distance D between the first slot and the second slot of at least 5 mm in a direction perpendicular to the maximum extension of the cigarette papers.

[0034] Bridging wall 80-3 is located between the three slots 10-1, 10-2 and 10-3 and the front edge FE of the dispenser 1 and also extends over the full length of the dispenser 1. There two further bridging walls 80-4 and 80-5 located between slots 10-2 and 10-3 and slots 10-2 and 10-1, respectively.

[0035] First slot 6 extends over the full length (DMAX, see FIG. 4) of the dispenser 1 from side wall 19 to side wall 18. The left and right slots 10-1 and 10-3 also reach up to the side walls 18 and 19 with one side, respectively.

[0036] In a first manufacturing step, the blank 100 is arranged unfolded and flat on a plane. The stack of cigarette papers 40 is placed on the inner side of the top wall 8 directly atop the first slot 6.

[0037] FIG. 6 and FIG. 7 is are simplified perspective views of a second and a third manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank 100 of FIG. 4. In these manufacturing steps, which are subsequent to the manufacturing step shown in FIG. 5, side wall 16 and bottom tongue 11 are folded upwardly and around cigarette paper stack 40 in order to encompass stack 40 thereby creating a first compartment 5 for the stack 40 of cigarette paper. The bottom tongue has an extension that can be folded and, for example glued to the inner side of the top wall 8 and more specifically to the bridging wall 80-2 between the first slot 6 and the other slots 10-1, 10-2 and 10-3.

[0038] FIG. 8 is a simplified perspective view of a fourth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank 100 of FIG. 4. In this manufacturing step, which can occur subsequent to the previously described manufacturing steps, the left and right tongue 13 and 14 (and the side walls 18 and 19) are folded upwardly and inwardly towards the center of the inner side of the top wall 8. The intermediate walls 22, 23 and the extension walls 24, 25 of each tongue 13, 14, respectively, are folded such that the extension wall 24, 25 lie on the bridging walls 80-3, 80-4 and 80-5 on the inner side of top wall 8 and can be fixed or glued to the inner side of the top wall 8. The extension walls 24, 25 are dimensioned such that they do not cover anyone of the slots 10-1, 10-2 and 10-3. The main part of each of the tongues 13, 14 together with intermediate walls 22, 23 thereby form two compartments 7-1, 7-3 (shown in FIG. 9) above slot 10-1 and 10-3 respectively.

[0039] The result can be seen in FIG. 9 which is a simplified perspective view of a fifth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank 100 of FIG. 4. By folding the left and right tongue 13, 14 inwardly and fixing the extension walls 24, 25 to the inner side of top wall 8, the three compartments 7-1, 7-2 and 7-3 for the stacks of refreshments articles 41-1, 41-2 and 41-3 are at least partially pre-configured directly atop the respective slots 10-1, 10-2 and 10-3. The three stacks of refreshments articles 41-1, 41-2 and 41-3 are then inserted into the three at least partially pre-configured compartments 7-1, 7-2, 7-3, respectively. This is shown in FIG. 10. In another embodiment, each stack of films 41-1, 41-2, 41-3 can be contained in a blister. This can prevent that the films lose humidity and/or flavor during storage and cross-contamination.

[0040] FIG. 10, FIG. 11 and FIG. 12 are simplified perspective views of a sixth, seventh and eighth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank 100 of FIG. 4. In these further manufacturing steps, the bottom wall 12 and folding lid 13 are folded around the bottom side of the box 2, thereby closing the bottom side and the middle compartment 7-2 containing the stack 41-2 of refreshment articles.

[0041] FIG. 13 and FIG. 14 are a simplified perspective views of a ninth and tenth manufacturing step for manufacturing the cigarette dispenser according to an embodiment using the blank of FIG. 4. In these steps, the folding lid 3 is folded around the rear edge RE of the box 2 and closed in order to cover the slots and the eventually extending free edges of the top layers of the cigarette paper and the top sheets of foil of the refreshment articles.

[0042] FIG. 13 also shows that a free edge 42 of a top sheet 4 of the stack of cigarette papers contained in the first compartment 5 can protrude from the slot 6 and point away from the hinge line HL of the folding lid 3 at which the folding lid 3 is articulated to the box 2. Furthermore, a free edge 90-1, 90-2, 90-3 of any top sheet of the consumable dissolvable film 9-1, 9-2, 9-3 contained in any second slot 7-1, 7-2, 7-3 can also protrude from any second slot 10-1, 10-2, 10-3 (indicated in FIGs 5 to 8) and point away from the cigarette paper 4. This can further reduce the risk of cross-contamination between the cigarette paper 4 and the refreshment articles 9-1, 9-2, 9-3.

[0043] Advantageously, the pull-out (retrieving) direction DIR1 (see arrow) of the cigarette papers 4 can be substantially normal (perpendicular) to the slot 6, i.e. normal to the top wall 8 of the box. The pull-out direction DIR1 of the sheets of the refreshment article can also be normal to the top wall 8 of the box. In another configuration, the pull-out direction of the refreshment article (top sheet) can also be parallel to the top wall 8 and away from the first compartment 5 or first slot 6 (see arrow DIR2). This can further decrease the risk of cross-contamination.

[0044] In an embodiment, a resilient buffer (not shown) can be arranged behind the stacks of sheets of the dissolvable film. This provides a pushing force such that the stack of films is pressed towards the slot and therefore simplifies the retrieval of the sheets of film, in particular when the number of sheets is rather low. The resilient buffer can comprise or be configured as a folded paper or folded cardboard flap having a least one folding line. Due to the folding line the

resilient buffer tends to expand and thereby provides the pushing force. In another embodiment, the resilient buffer can be configured as folded paper or folded cardboard having two, three or more folding lines at which the paper or cardboard is folded.

[0045] The cigarette papers within the stack of cigarette papers (shown as 40 in FIG. 5) can be interleaved. Likewise, the sheets of dissolvable film of the refreshment articles (shown as 41-1, 41-2, 41-3 in FIG. 9) can also be interleaved. This simplifies the separate retrieval of each sheet as the removal of the top layer or top sheet entails that the free edge 42, 90-1, 90-2, 90-3 of the next sheet appears outside the slot.

[0046] The number of sheets of dissolvable film can be equal to or twice the number of cigarette papers. This provides that the consumer has a lower risk of running out of refreshment articles before the last cigarette paper is used.

[0047] The cover sheet of each of the stacks, i.e. the top sheet when the cigarette paper dispenser is in a new condition can be designed differently from the other sheets of the stack.

[0048] The refreshment article is advantageously a dissolvable consumable film (edible strip or rather sheets of edible strip). The dissolvable consumable film can advantageously have a mild peppermint flavor. The film can have a thickness between 0.2794 mm and 0.381 mm. The dissolvable consumable film can be manufactured as known in the art.

[0049] Although the invention has been described hereinabove with reference to specific embodiments, it is not limited to these embodiments and no doubt further alternatives will occur to the skilled person that lie within the scope of the invention as claimed.

Claims

1. A cigarette paper dispenser for storing and supplying sheets of cigarette paper for hand-making cigarettes, with a box (2) comprising at least a first compartment (5) which contains at least one stack of cigarette papers (4), the top layer of which extends through a first slot (6) on the upper side of the first compartment of the box allocated to the stack, and with a folding lid (3), which is articulated onto the box and in the folded down position covers the slot on the upper side (8) of the box, **characterised in that** the box further comprises at least one second compartment (7-1) containing a refreshment article (9-1) being configured as a stack of sheets of a consumable dissolvable film, the top layer of which extends through a second slot (10-1) on the upper side of the box, wherein the stack of cigarette papers and the stack of sheets of the consumable dissolvable film are arranged such that mutual cross-contamination between the cigarette papers and the stack of sheets of the consumable dissolvable film is prevented during storage and retrieval.

2. The cigarette paper dispenser according to claim 1, wherein a distance (D) between the first slot and the second slot is at least 5 mm in a direction perpendicular to the maximum extension of the cigarette papers.

3. The cigarette paper dispenser according to claim 1 or 2, wherein the first compartment is arranged close to a first side of the box, and wherein the second compartment is arranged close to a second side of the box that is opposite to the first side with respect to a hinge line at with the folding lid is articulated to the box.

4. The cigarette paper dispenser according to anyone of the preceding claims, wherein a pull-out direction (DIR1) of the cigarette papers is normal to the top wall (8) of the box (2).

5. The cigarette paper dispenser according to anyone of the preceding claims, wherein a free edge (42) of a top sheet of the stack of cigarette papers contained in the first compartment (5) protrudes from the first slot (6) and points away from the hinge line (HL) of the folding lid (3) at which the folding lid (3) is articulated to the box (2).

6. The cigarette paper dispenser according to anyone of the preceding claims wherein a free edge (90-1, 90-2, 90-3) of a top sheet of the consumable dissolvable film contained in the second compartment (7-1, 7-2, 7-3) protrudes from the second slot (10-1, 10-2, 10-3) and points away from the cigarette paper (4).

7. The cigarette paper dispenser according to anyone of the preceding claims wherein the box further comprises a third compartment (7-3) containing a refreshment article being configured as a stack of sheets of a consumable dissolvable film, the top sheet of which extends through a third slot on the upper side of the box, and the second compartment and the third compartment are arranged in-line, side-by-side and parallel to the maximum extension of the cigarette papers.

8. The cigarette paper dispenser according to anyone of the preceding claims, wherein the box further comprises a fourth compartment (7-2) containing a refreshment article being configured as a stack of sheets of a consumable

dissolvable film, the top sheet of which extends through a fourth slot on the upper side of the box, and the second compartment, the third compartment and the fourth compartment are arranged in-line, side-by-side and parallel to the maximum extension of the cigarette papers.

9. The cigarette paper dispenser according to anyone of the preceding claims, further comprising intermediate walls between the compartments.

10. The cigarette paper dispenser according to anyone of the preceding claims, wherein the number of sheets of dissolvable consumable film is equal to the number of cigarette papers.

11. The cigarette paper dispenser according to anyone of the preceding claims, further comprising a resilient buffer arranged behind at least one stack of sheets of a consumable dissolvable film, in particular, the resilient buffer is configured as a folded paper or folded cardboard having at least one fold, and in particular two, three or more folds.

12. The cigarette paper dispenser according to anyone of the preceding claims, wherein at least one stack of sheets of dissolvable consumable film is contained in a blister.

13. A blank (100) for a cigarette paper dispenser comprising a box and a folding lid articulated at a hinge line to the box, wherein the blank comprises a top wall (8), a bottom tongue (11) coupled to the top wall, a bottom wall (12) coupled to the top wall at an opposite side with respect to the bottom tongue, a left tongue (13) coupled to the top wall, a right tongue (14) coupled to the top wall at an opposite side with respect to the left tongue, and the folding lid coupled to the bottom wall at an opposite side with respect to the top wall and perforation and creasing lines, wherein the top wall contains at least a first cutout for a first slot and a second cutout for a second slot; **characterised by** the first cutout having a maximum extension in a first direction that is greater than the maximum extension of the cigarette paper and the second cutout having a maximum extension that is lower than the maximum extension of the first cutout.

14. The blank according to claim 13, wherein the first cutout and the second cutout are separated by a bridging wall (80-2) comprised in the top wall (8) having a width equal to or greater than 5 mm.

15. The blank according to claim 13 or 14, wherein the right tongue is configured to form a compartment that is suitable to encompass a stack of sheets of dissolvable film.

16. The blank according to anyone of claims 13 to 15, wherein the left tongue is configured to form a compartment that is suitable to encompass a stack of sheets of dissolvable film.

17. A method of manufacturing a cigarette paper dispenser comprising a box and a folding lid articulated at a hinge line to the box using a blank according to anyone of claims 13 to 16, the method comprising the steps of: arranging a stack of cigarette papers on the blank; folding the bottom tongue of the blank around the stack of cigarette papers; arranging at least one stack of consumable dissolvable film on the blank; folding the bottom wall around a bottom side of the box.

Patentansprüche

1. Zigarettenpapierspender zum Aufbewahren und Bereitstellen von Zigarettenpapierblättern zum manuellen Herstellen von Zigaretten, mit einer Schachtel (2), die wenigstens ein erstes Abteil (5) umfasst, das wenigstens einen Stapel von Zigarettenpapieren (4) enthält, dessen oberste Schicht sich durch einen ersten Schlitz (6) auf der Oberseite des dem Stapel zugewiesenen ersten Abteils der Schachtel erstreckt, und mit einem Faltdeckel (3), der an die Schachtel angelenkt ist und in der heruntergefalteten Position den Schlitz auf der Oberseite (8) der Schachtel bedeckt, **dadurch gekennzeichnet, dass** die Schachtel ferner wenigstens ein zweites Abteil (7-1) umfasst, das einen Erfrischungsartikel (9-1) enthält, der als Stapel von Blättern einer verzehrbaren löslichen Folie ausgestaltet ist, dessen oberste Schicht sich durch einen zweiten Schlitz (10-1) auf der Oberseite der Schachtel erstreckt, wobei der Stapel von Zigarettenpapieren und der Stapel von Blättern der verzehrbaren löslichen Folie derart angeordnet sind, dass eine gegenseitige Kreuzkontamination zwischen den Zigarettenpapieren und dem Stapel von Blättern der verzehrbaren löslichen Folie während der Aufbewahrung und Entnahme verhindert wird.

2. Zigarettenpapierspender nach Anspruch 1, wobei ein Abstand (D) zwischen dem ersten Schlitz und dem zweiten

Schlitz in einer Richtung rechtwinklig zur größten Erstreckung der Zigarettenpapiere wenigstens 5 mm beträgt.

3. Zigarettenpapierspender nach Anspruch 1 oder 2, wobei das erste Abteil nahe einer ersten Seite der Schachtel angeordnet ist und wobei das zweite Abteil nahe einer zweiten Seite der Schachtel angeordnet ist, die bezogen auf eine Scharnierlinie, an welcher der Faltdeckel an die Schachtel angelenkt ist, der ersten Seite gegenüberliegt.

4. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei eine Herausziehrichtung (DIR1) der Zigarettenpapiere senkrecht zur oberen Wand (8) der Schachtel (2) ist.

5. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei ein freier Rand (42) eines obersten Blatts des Stapels von Zigarettenpapieren, der in dem ersten Abteil (5) enthalten ist, aus dem ersten Schlitz (6) vorsteht und von der Scharnierlinie (HL) des Faltdeckels (3), an welcher der Faltdeckel (3) an die Schachtel (2) angelenkt ist, weg weist.

6. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei ein freier Rand (90-1, 90-2, 90-3) eines obersten Blatts der verzehrbaren löslichen Folie, die in dem zweiten Abteil (7-1, 7-2, 7-3) enthalten ist, aus dem zweiten Schlitz (10-1, 10-2, 10-3) vorsteht und von dem Zigarettenpapier (4) weg weist.

7. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei die Schachtel ferner ein drittes Abteil (7-3) umfasst, das einen Erfrischungsartikel enthält, der als Stapel von Blättern einer verzehrbaren löslichen Folie ausgestaltet ist, dessen oberstes Blatt sich durch einen dritten Schlitz auf der Oberseite der Schachtel erstreckt, und das zweite Abteil und das dritte Abteil in einer Linie, nebeneinander und parallel zur größten Ausdehnung der Zigarettenpapiere angeordnet sind.

8. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei die Schachtel ferner ein viertes Abteil (7-2) umfasst, das einen Erfrischungsartikel enthält, der als Stapel von Blättern einer verzehrbaren löslichen Folie ausgestaltet ist, dessen oberstes Blatt sich durch einen vierten Schlitz auf der Oberseite der Schachtel erstreckt, und das zweite Abteil, das dritte Abteil und das vierte Abteil in einer Linie, nebeneinander und parallel zur größten Ausdehnung der Zigarettenpapiere angeordnet sind.

9. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, der ferner Zwischenwände zwischen den Abteilen umfasst.

10. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei die Anzahl an Blättern der löslichen verzehrbaren Folie gleich der Anzahl an Zigarettenpapieren ist.

11. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, der ferner einen elastischen Puffer umfasst, der hinter wenigstens einem Stapel von Blättern einer verzehrbaren löslichen Folie angeordnet ist, wobei der elastische Puffer insbesondere als gefaltetes Papier oder gefalteter Karton mit wenigstens einem Falz und insbesondere zwei, drei oder mehr Falzen ausgestaltet ist.

12. Zigarettenpapierspender nach einem der vorangehenden Ansprüche, wobei wenigstens ein Stapel von Blättern der löslichen verzehrbaren Folie in einem Blister enthalten ist.

13. Zuschnitt (100) für einen Zigarettenpapierspender, der eine Schachtel und einen an einer Scharnierlinie an die Schachtel angelenkten Faltdeckel umfasst, wobei der Zuschnitt eine obere Wand (8), eine untere Zunge (11), die mit der oberen Wand verbunden ist, eine untere Wand (12), die an einer gegenüberliegenden Seite bezogen auf die untere Zunge mit der oberen Wand verbunden ist, eine linke Zunge (13), die mit der oberen Wand verbunden ist, eine rechte Zunge (14), die an einer gegenüberliegenden Seite bezogen auf die linke Zunge mit der oberen Wand verbunden ist, und den Faltdeckel, der an einer gegenüberliegenden Seite bezogen auf die obere Wand mit der unteren Wand verbunden ist, sowie Perforations- und Rilllinien umfasst, wobei die obere Wand wenigstens eine erste Ausnehmung für einen ersten Schlitz und eine zweite Ausnehmung für einen zweiten Schlitz enthält; **dadurch gekennzeichnet, dass** die erste Ausnehmung in einer ersten Richtung eine größte Erstreckung aufweist, die größer ist als die größte Erstreckung des Zigarettenpapiers, und die zweite Ausnehmung eine größte Erstreckung aufweist, die kleiner ist als die größte Erstreckung der ersten Ausnehmung.

14. Zuschnitt nach Anspruch 13, wobei die erste Ausnehmung und die zweite Ausnehmung durch eine Brückenwand (80-2) getrennt sind, die in der oberen Wand (8) inbegriffen ist und eine Breite aufweist, die gleich oder größer als

5 mm ist.

15. Zuschnitt nach Anspruch 13 oder 14, wobei die rechte Zunge so ausgestaltet ist, dass sie ein Abteil ausbildet, das dazu geeignet ist, einen Stapel von Blättern der löslichen Folie aufzunehmen.

16. Zuschnitt nach einem der Ansprüche 13 bis 15, wobei die linke Zunge so ausgestaltet ist, dass sie ein Abteil ausbildet, das dazu geeignet ist, einen Stapel von Blättern der löslichen Folie aufzunehmen.

17. Verfahren zur Herstellung eines Zigarettenpapierspenders, der eine Schachtel und einen an einer Scharnierlinie an die Schachtel angelenkten Faltdeckel umfasst, unter Verwendung eines Zuschnitts nach einem der Ansprüche 13 bis 16, wobei das Verfahren folgende Schritte umfasst: Anordnen eines Stapels von Zigarettenpapieren auf dem Zuschnitt; Falten der unteren Zunge des Zuschnitts um den Stapel von Zigarettenpapieren herum; Anordnen wenigstens eines Stapels der verzehrbaren löslichen Folie auf dem Zuschnitt; Falten der unteren Wand um eine untere Seite der Schachtel herum.

Revendications

1. Distributeur de papier à cigarette destiné à stocker et à délivrer des feuilles de papier à cigarette pour cigarettes roulées à la main, avec un boîtier (2) comprenant au moins un premier compartiment (5) contenant au moins un empilement de feuilles de papier à cigarette (4), dont la couche supérieure s'étend en passant par une première fente (6) sur la face supérieure du premier compartiment du boîtier attribué à l'empilement, et avec un couvercle rabattable (3), articulé sur le boîtier et couvrant la fente sur la face supérieure (8) du boîtier quand il est en position rabattue, **caractérisé en ce que** le boîtier comprend en outre au moins un deuxième compartiment (7-1) contenant un article de rafraîchissement (9-1) se présentant comme un empilement de feuilles d'un film soluble comestible, dont la couche supérieure s'étend en passant par une deuxième fente (10-1) sur la face supérieure du boîtier, l'empilement de feuilles de papier à cigarette et l'empilement de feuilles du film soluble comestible étant agencés de manière à empêcher une contamination croisée entre les feuilles de papier à cigarette et l'empilement de feuilles du film soluble comestible pendant le stockage et le prélèvement.

2. Distributeur de papier à cigarette selon la revendication 1, où la distance (D) entre la première fente et la deuxième fente est d'au moins 5 mm dans une direction perpendiculaire à l'extension maximale des feuilles de papier à cigarette.

3. Distributeur de papier à cigarette selon la revendication 1 ou la revendication 2, où le premier compartiment est disposé à proximité d'un premier côté du boîtier, et où le deuxième compartiment est disposé à proximité d'un deuxième côté du boîtier opposé au premier côté par rapport à une ligne de charnière par laquelle le couvercle rabattable est articulé au boîtier.

4. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où une direction d'extraction (DIR1) des feuilles de papier à cigarette est normale à la paroi supérieure (8) du boîtier (2).

5. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où un bord libre (42) d'une feuille supérieure de l'empilement de feuilles de papier à cigarette contenu dans le premier compartiment (5) fait saillie hors de la première fente (6) et est distant de la ligne de charnière (HL) du couvercle rabattable (3) par laquelle le couvercle rabattable (3) est articulé au boîtier (2).

6. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où un bord libre (90-1, 90-2, 90-3) d'une feuille supérieure du film soluble comestible contenu dans le deuxième compartiment (7-1, 7-2, 7-3) fait saillie hors de la deuxième fente (10-1, 10-2, 10-3) et est distant du papier à cigarette (4).

7. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où le boîtier comprend en outre un troisième compartiment (7-3) contenant un article de rafraîchissement se présentant comme un empilement de feuilles d'un film soluble comestible, dont la feuille supérieure s'étend en passant par une troisième fente sur la face supérieure du boîtier, et où le deuxième compartiment et le troisième compartiment sont agencés en ligne, côte à côte et parallèlement à l'extension maximale des feuilles de papier à cigarette.

8. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où le boîtier comprend en outre un quatrième compartiment (7-2) contenant un article de rafraîchissement se présentant comme un em-

pilement de feuilles d'un film soluble comestible, dont la feuille supérieure s'étend en passant par une quatrième fente sur la face supérieure du boîtier, et où le deuxième compartiment, le troisième compartiment et le quatrième compartiment sont agencés en ligne, côte à côte et parallèlement à l'extension maximale des feuilles de papier à cigarette.

9. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, comprenant en outre des parois intercalaires entre les compartiments.

10. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où le nombre de feuilles de film soluble comestible est égal au nombre de feuilles de papier à cigarette.

11. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, comprenant en outre un tampon élastique disposé derrière au moins un empilement de feuilles d'un film soluble comestible, ledit tampon élastique étant en particulier prévu sous forme de papier plié ou de carton plié avec au moins un pli, et en particulier deux, trois ou plusieurs plis.

12. Distributeur de papier à cigarette selon l'une quelconque des revendications précédentes, où au moins un empilement de feuilles de film soluble comestible est contenu dans un blister.

13. Ébauche (100) pour un distributeur de papier à cigarette comprenant un boîtier et un couvercle rabattable articulé au boîtier par une ligne de charnière, où ladite ébauche comprend une paroi supérieure (8), une languette inférieure (11) raccordée à la paroi supérieure, une paroi inférieure (12) raccordée à la paroi supérieure sur un côté opposé à la languette inférieure, une languette gauche (13) raccordée à la paroi supérieure, une languette droite (14) raccordée à la paroi supérieure sur un côté opposé à la languette gauche, et le couvercle rabattable raccordé à la paroi inférieure sur un côté opposé à la paroi supérieure, et des lignes de perforations et de pliures, où la paroi supérieure comprend au moins une première découpe pour une première fente et une deuxième découpe pour une deuxième fente ; **caractérisée en ce que** la première découpe a une extension maximale dans une première direction supérieure à l'extension maximale de la feuille de papier à cigarette, et la deuxième découpe a une extension maximale inférieure à l'extension maximale de la première découpe.

14. Ébauche selon la revendication 13, où la première découpe et la deuxième découpe sont séparées par une paroi de liaison (80-2) comprise dans la paroi supérieure (8) avec une épaisseur égale ou supérieure à 5 mm.

15. Ébauche selon la revendication 13 ou la revendication 14, où la languette droite est prévue pour former un compartiment adapté pour contenir un empilement de feuilles de film soluble.

16. Ébauche selon l'une des revendications 13 à 15, où la languette gauche est prévue pour former un compartiment adapté pour contenir un empilement de feuilles de film soluble.

17. Procédé de fabrication d'un distributeur de papier à cigarette comprenant un boîtier et un couvercle rabattable articulé au boîtier par une ligne de charnière au moyen d'une ébauche selon l'une quelconque des revendications 13 à 16, ledit procédé comprenant les étapes suivantes : disposition d'un empilement de feuilles de papier à cigarette sur l'ébauche ; pliage de la languette inférieure de l'ébauche autour de l'empilement de feuilles de papier à cigarette ; disposition d'au moins un empilement de film soluble comestible sur l'ébauche ; pliage de la paroi inférieure autour d'un côté inférieur du boîtier.

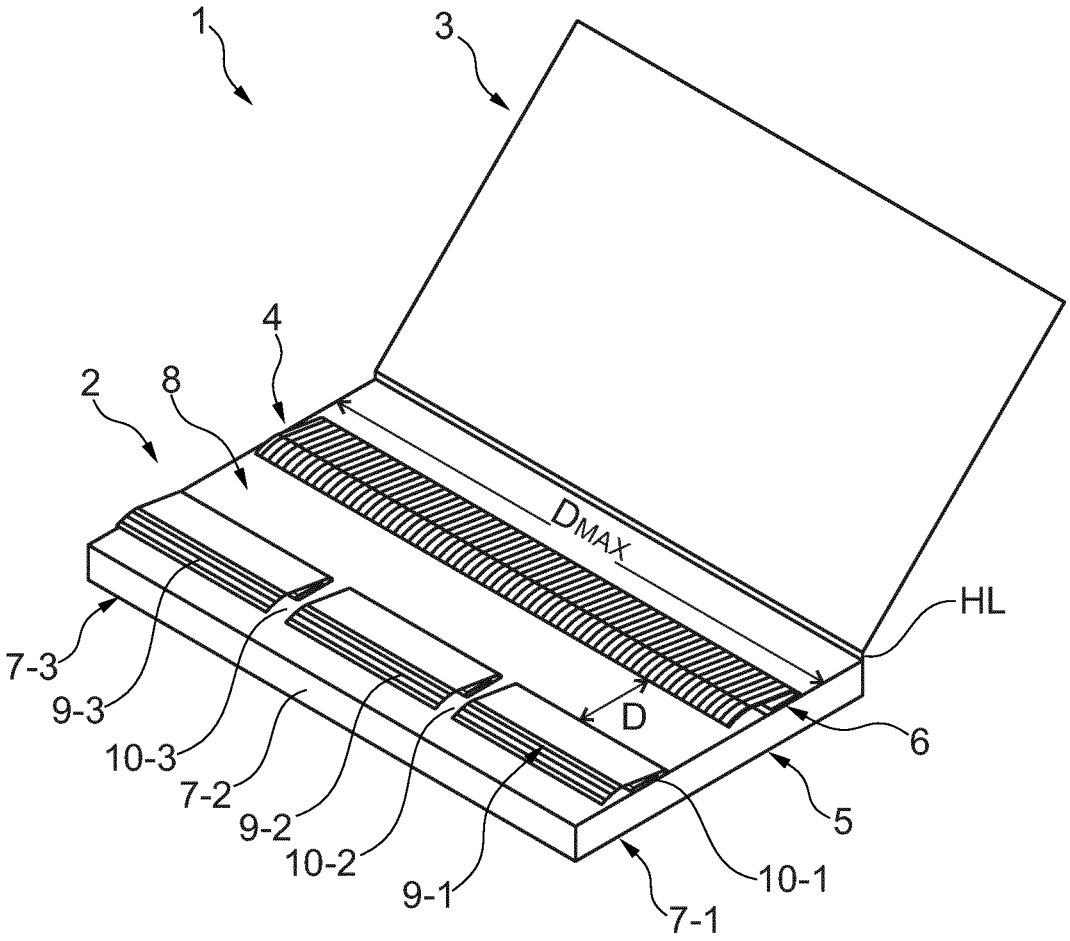


Fig. 1

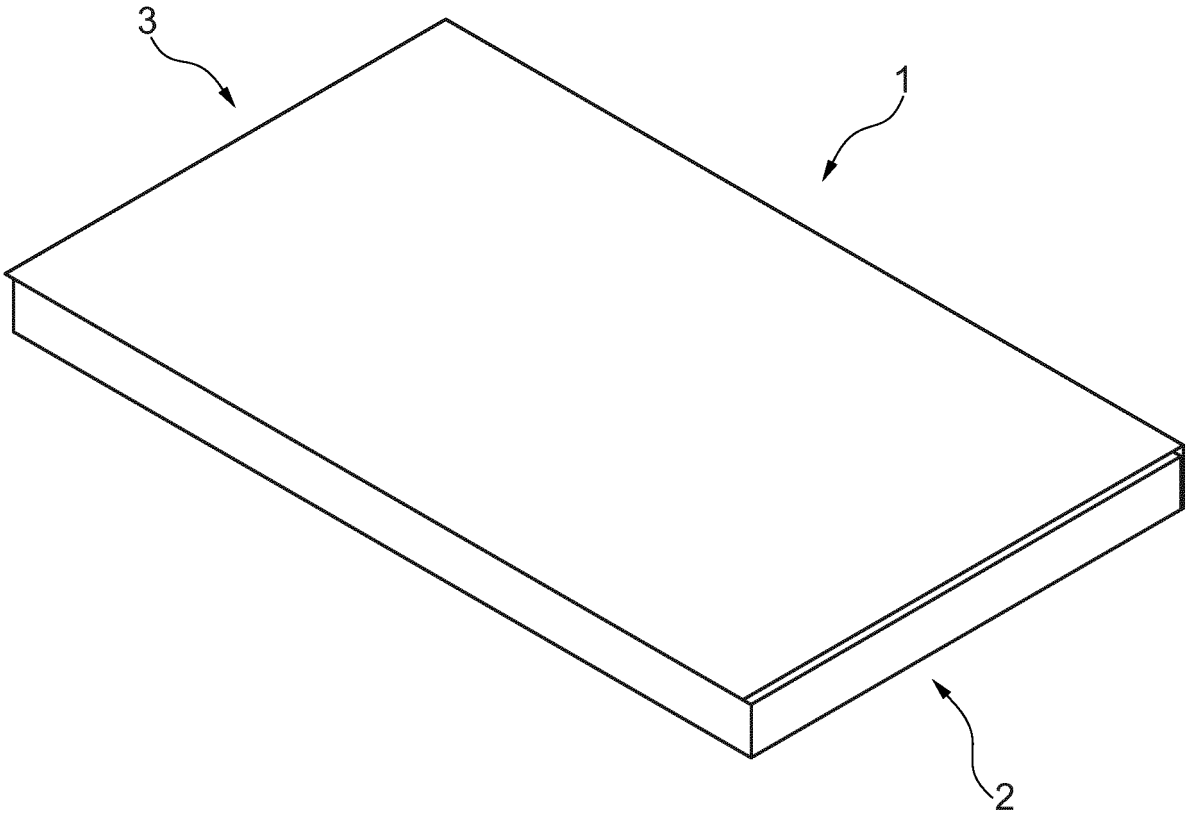


Fig. 2

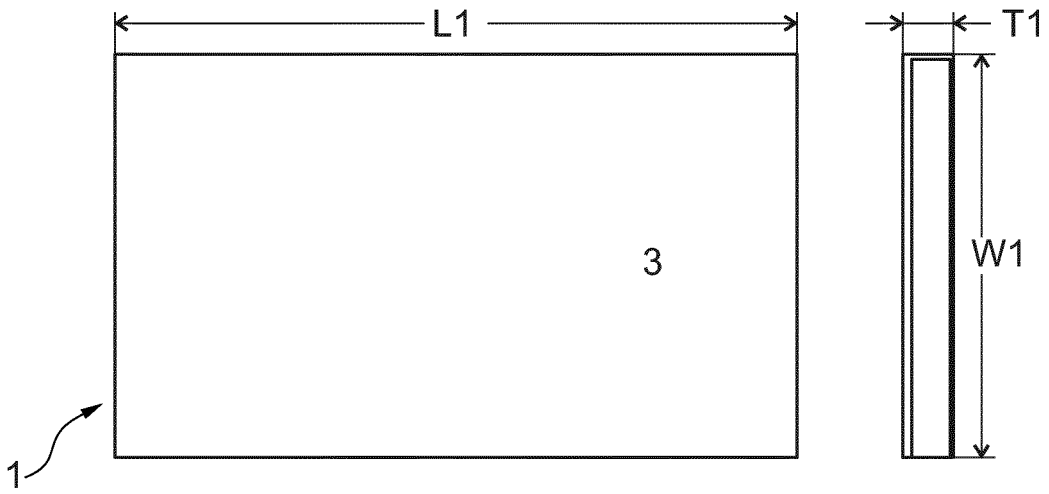


Fig. 3

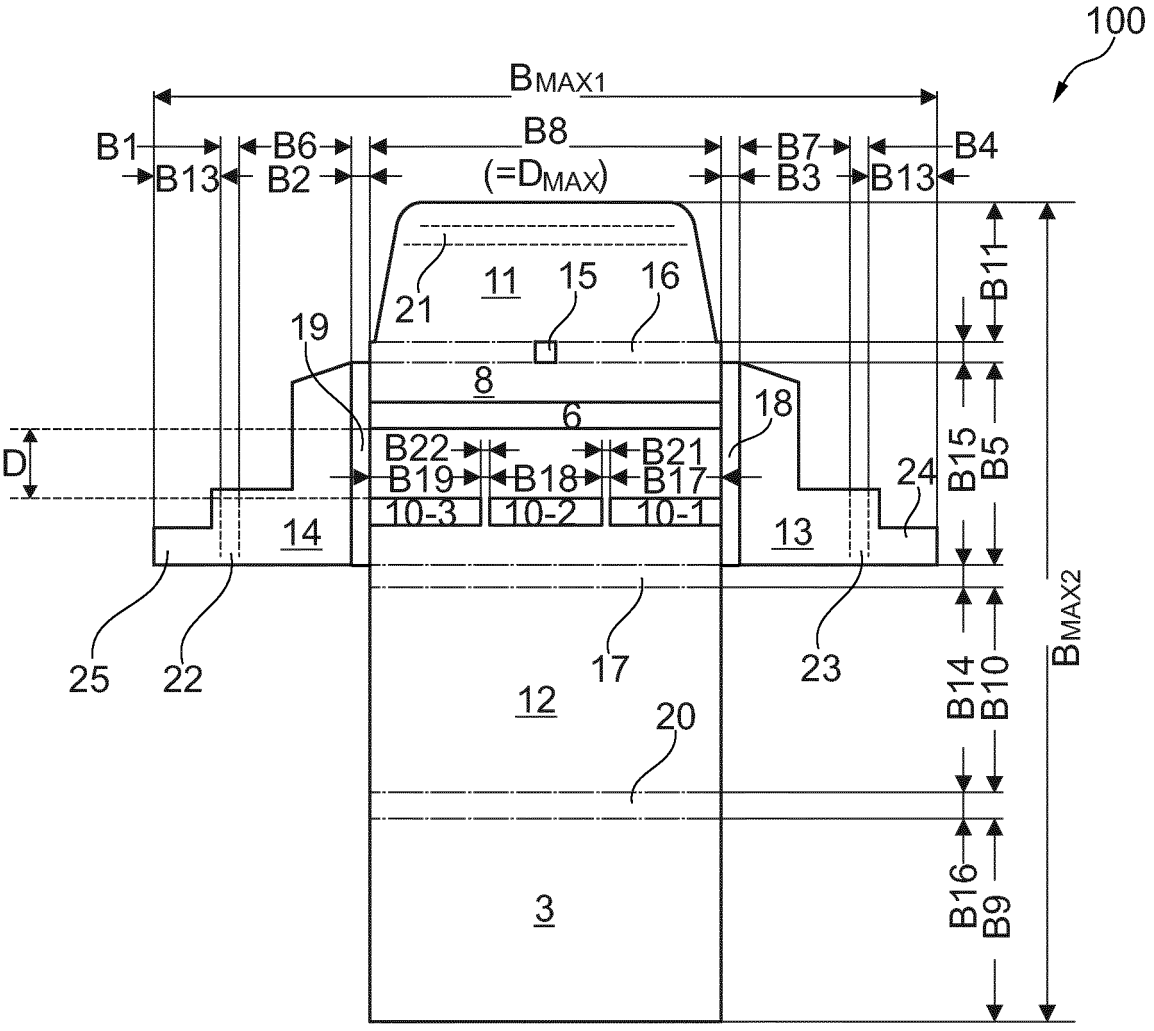

100
BMAX1
B1
B13
B6
B2
B8
(=DMAX)
B7
B3
B4
B13
11
15
16
21
19
8
6
18
D
B22
B19
B18
B21
B17
10-3
10-2
10-1
24
B15
B5
B11
14
13
25
22
17
23
12
20
B14
B10
BMAX2
3
B16
B9

Fig. 4

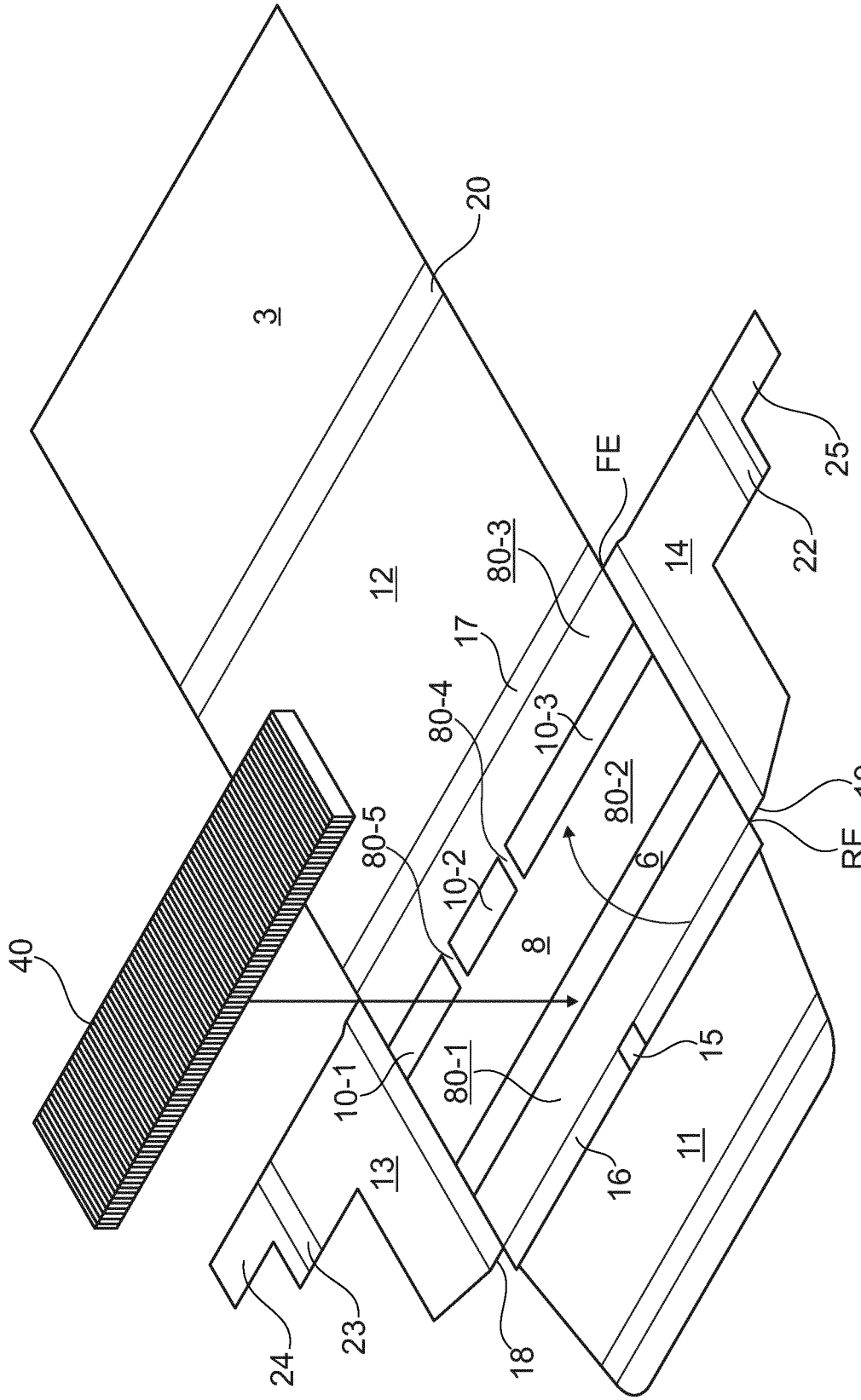

3
20
FE
25
22
14
12
80-3
17
80-4
10-3
80-2
19
RE
6
80-5
10-2
8
40
10-1
80-1
15
11
16
13
24
23
18

Fig. 5

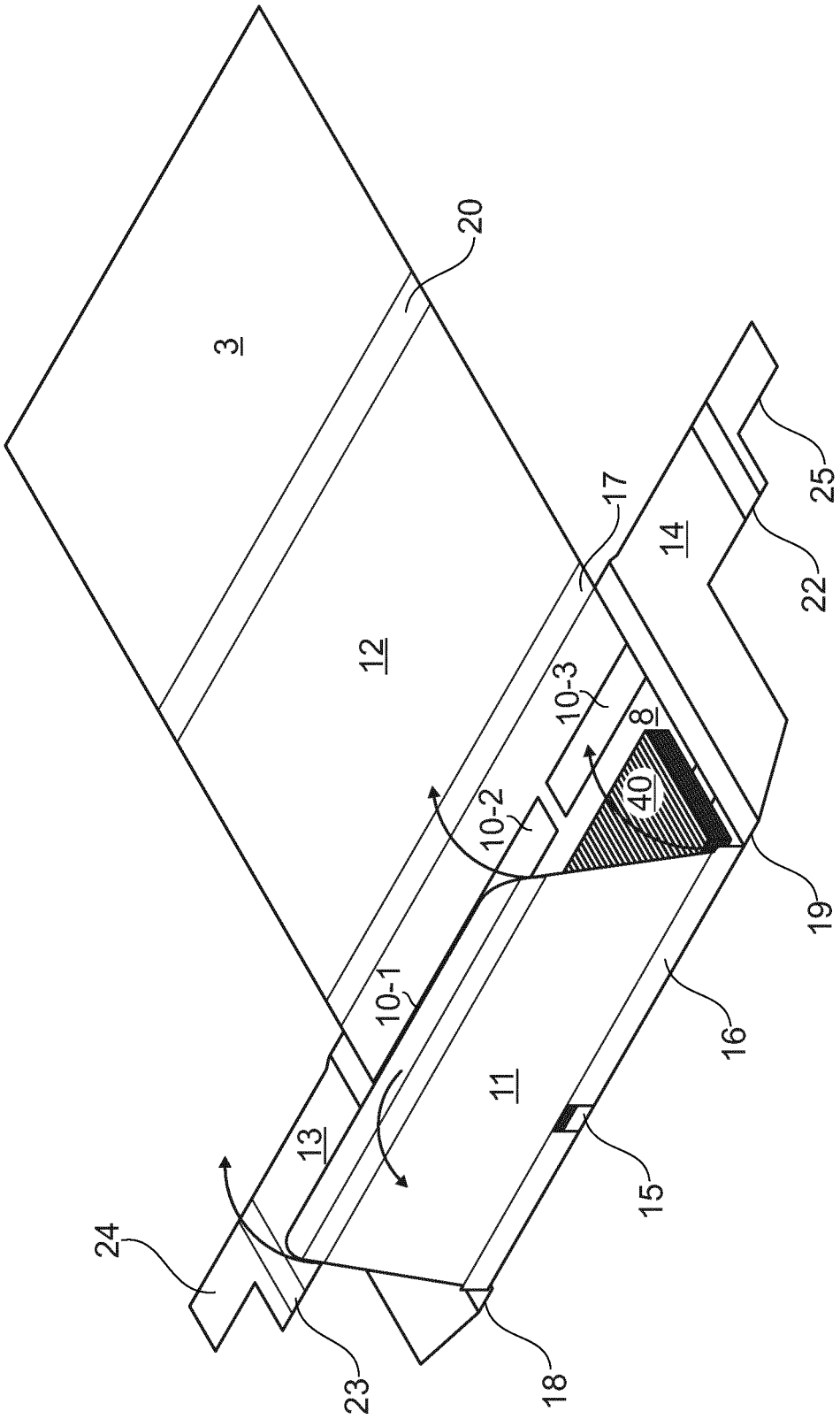


Fig. 6

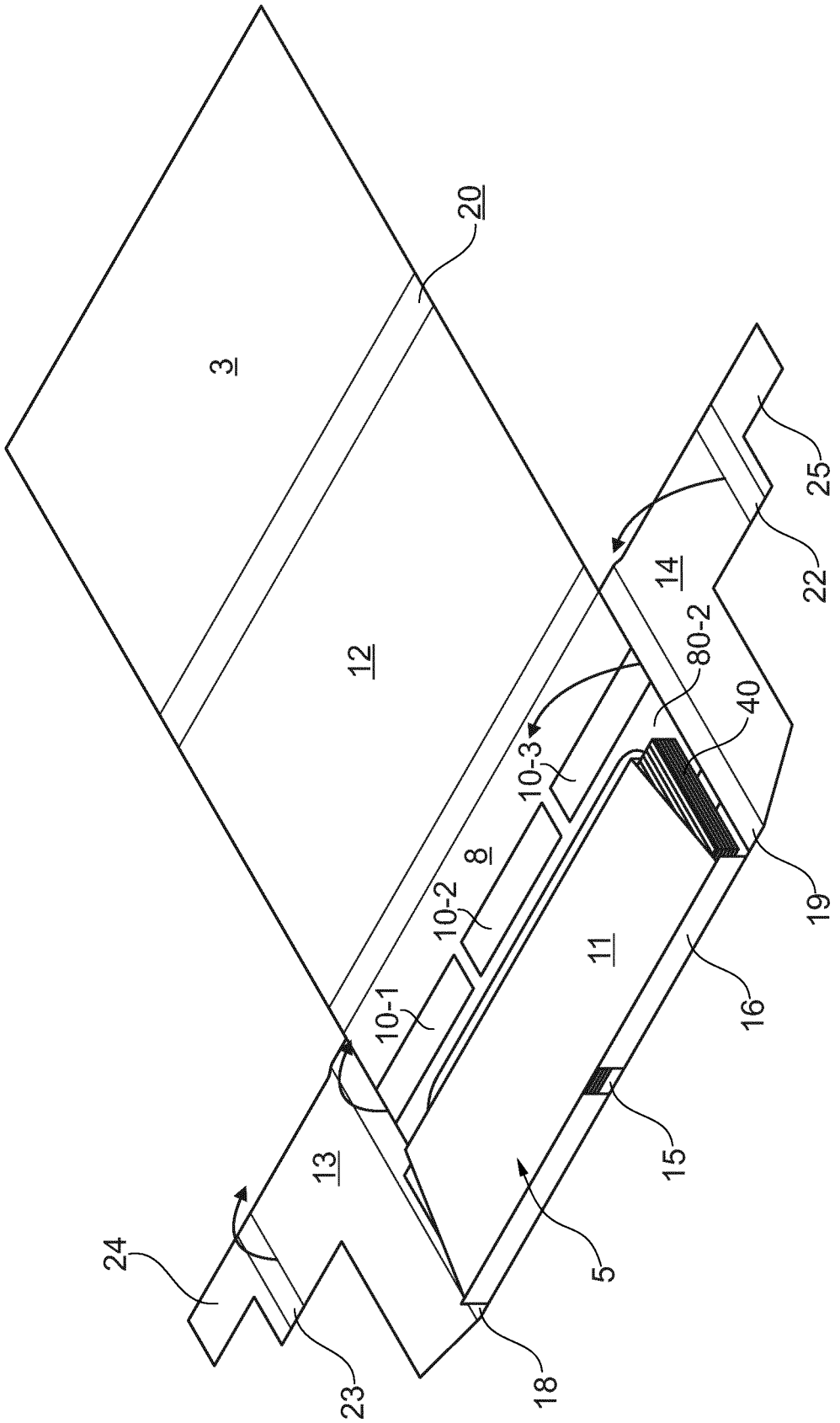


Fig. 7

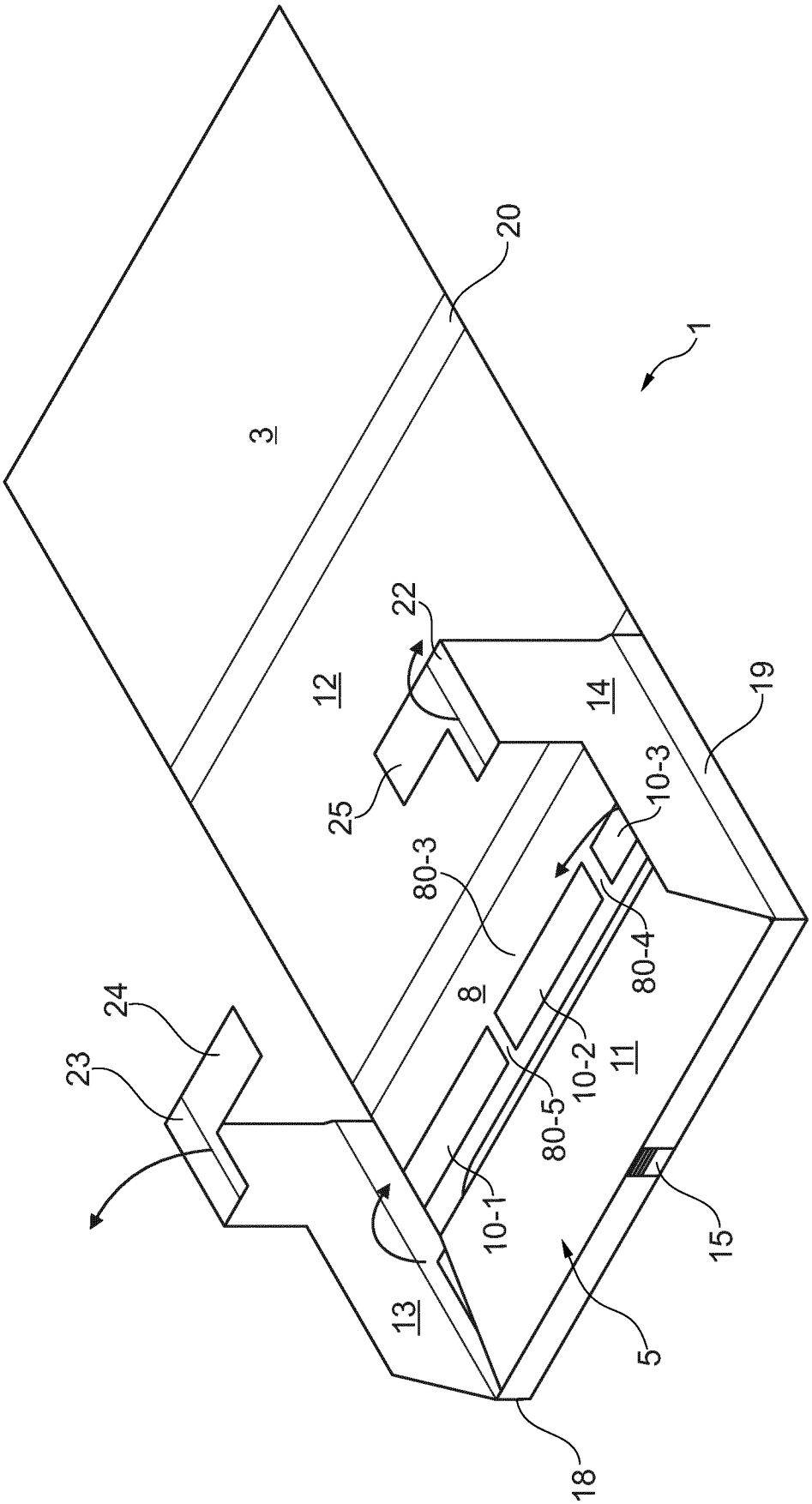


Fig. 8

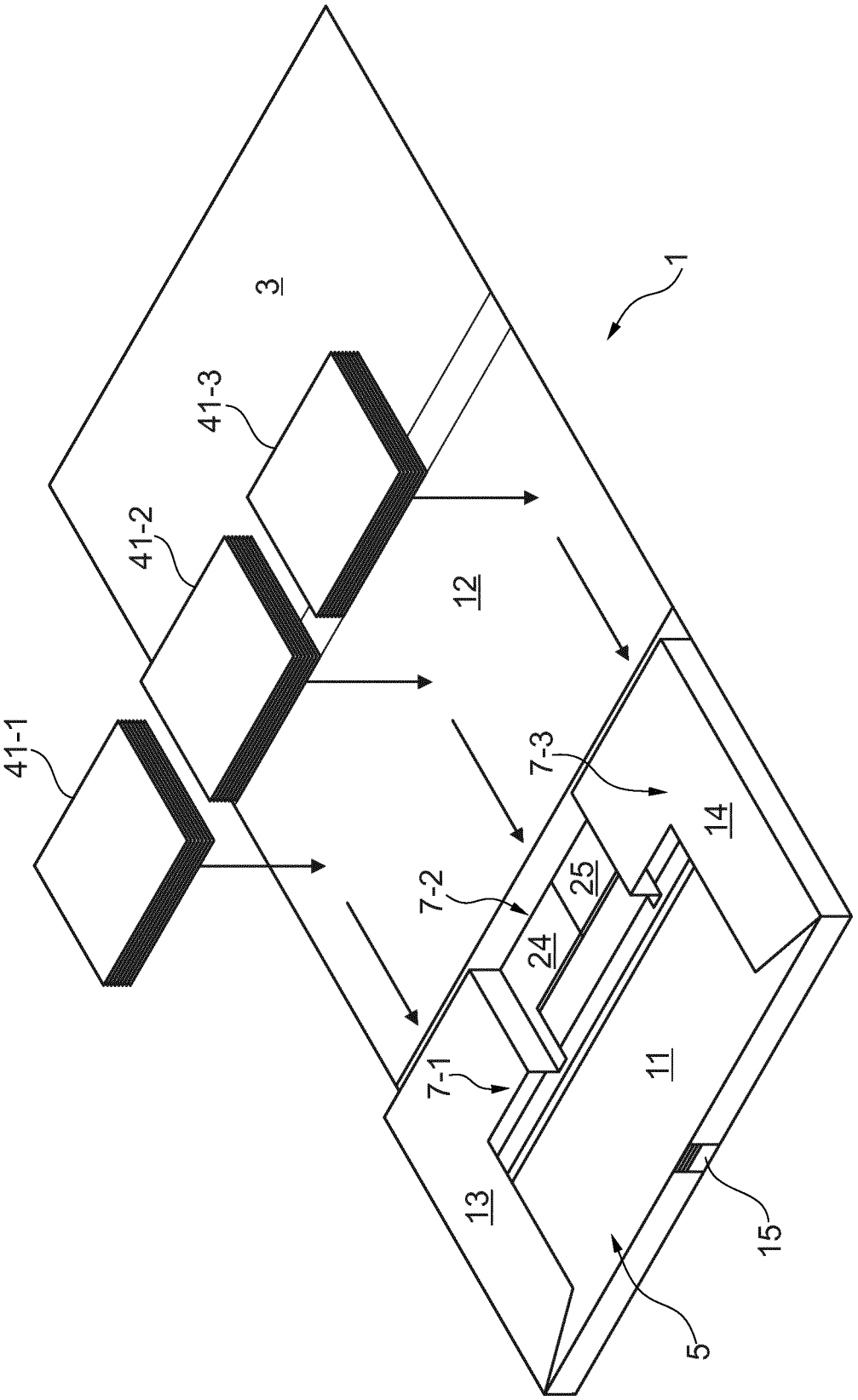


Fig. 9

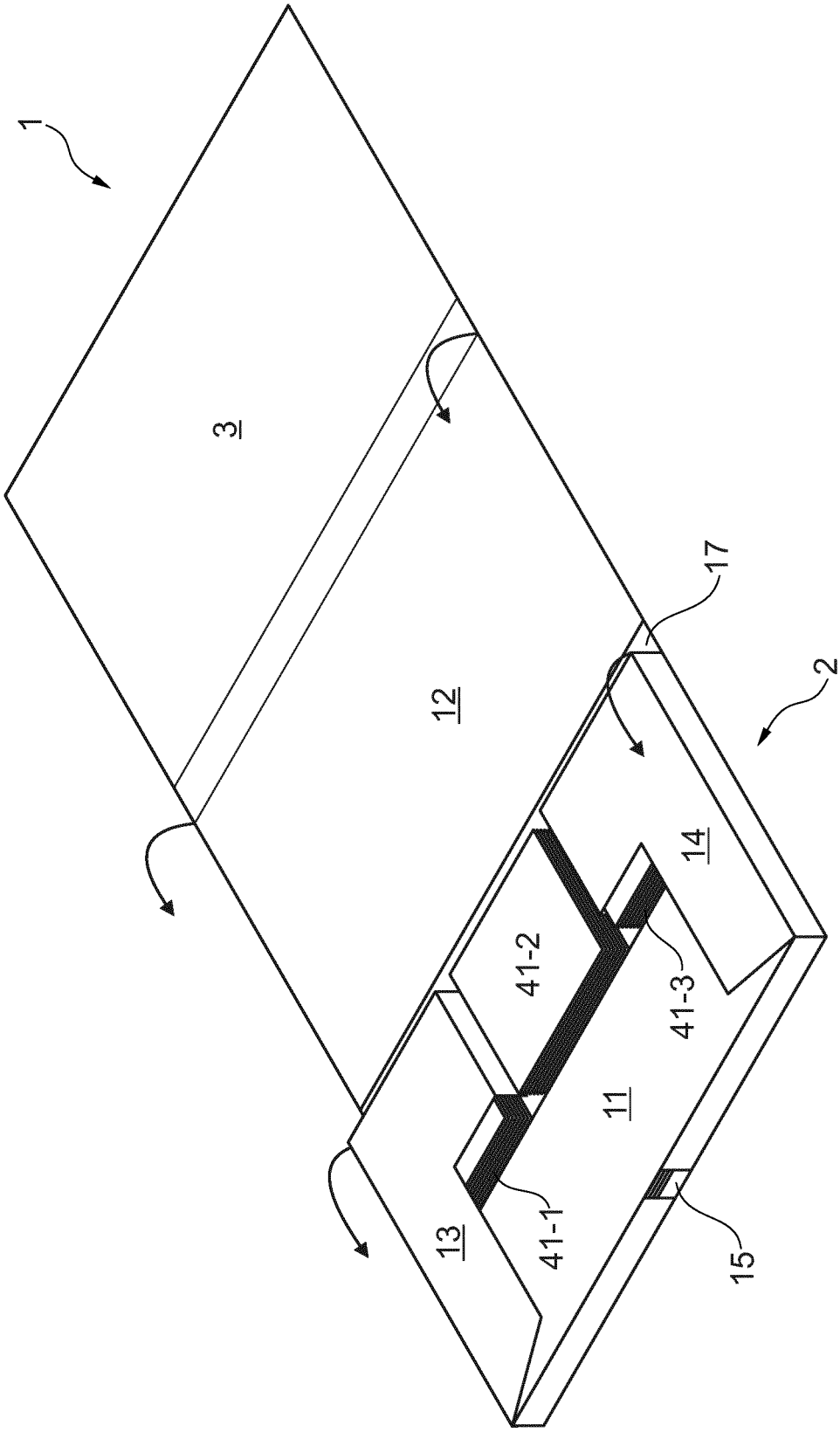


Fig. 10

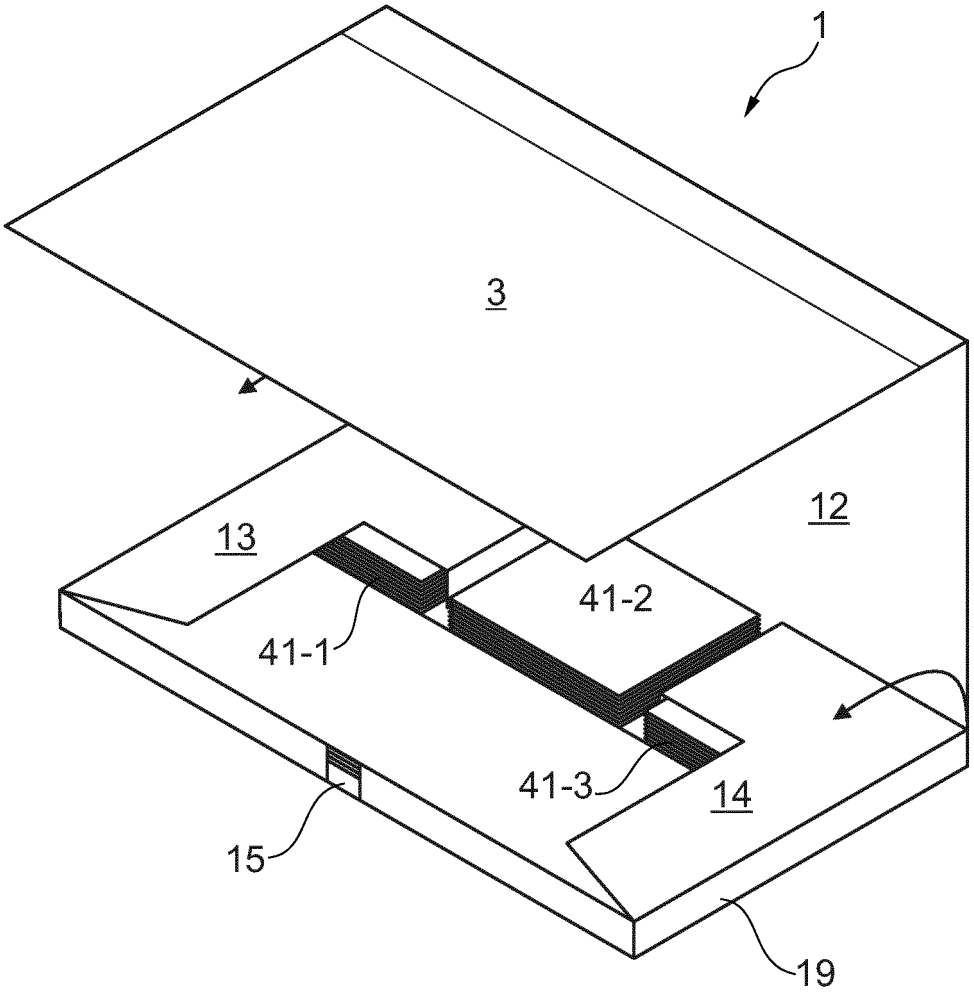


Fig. 11

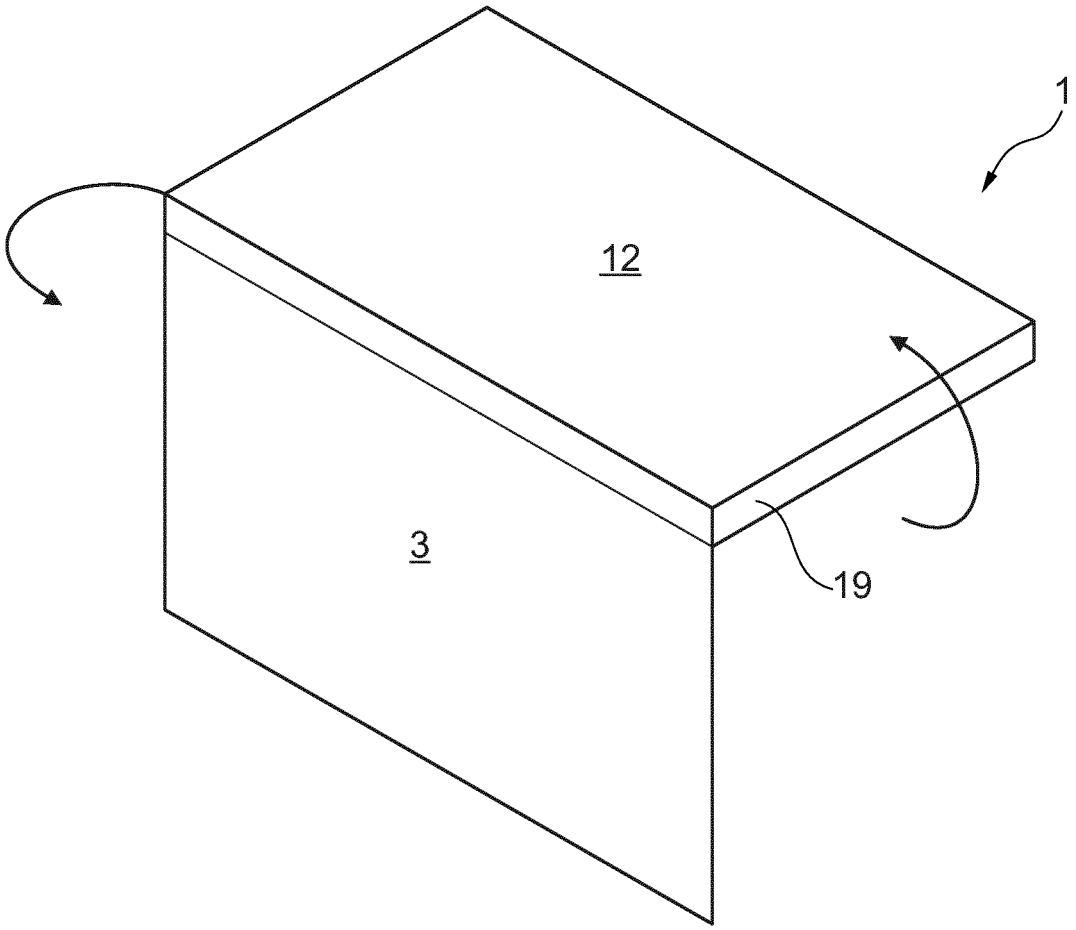


Fig. 12

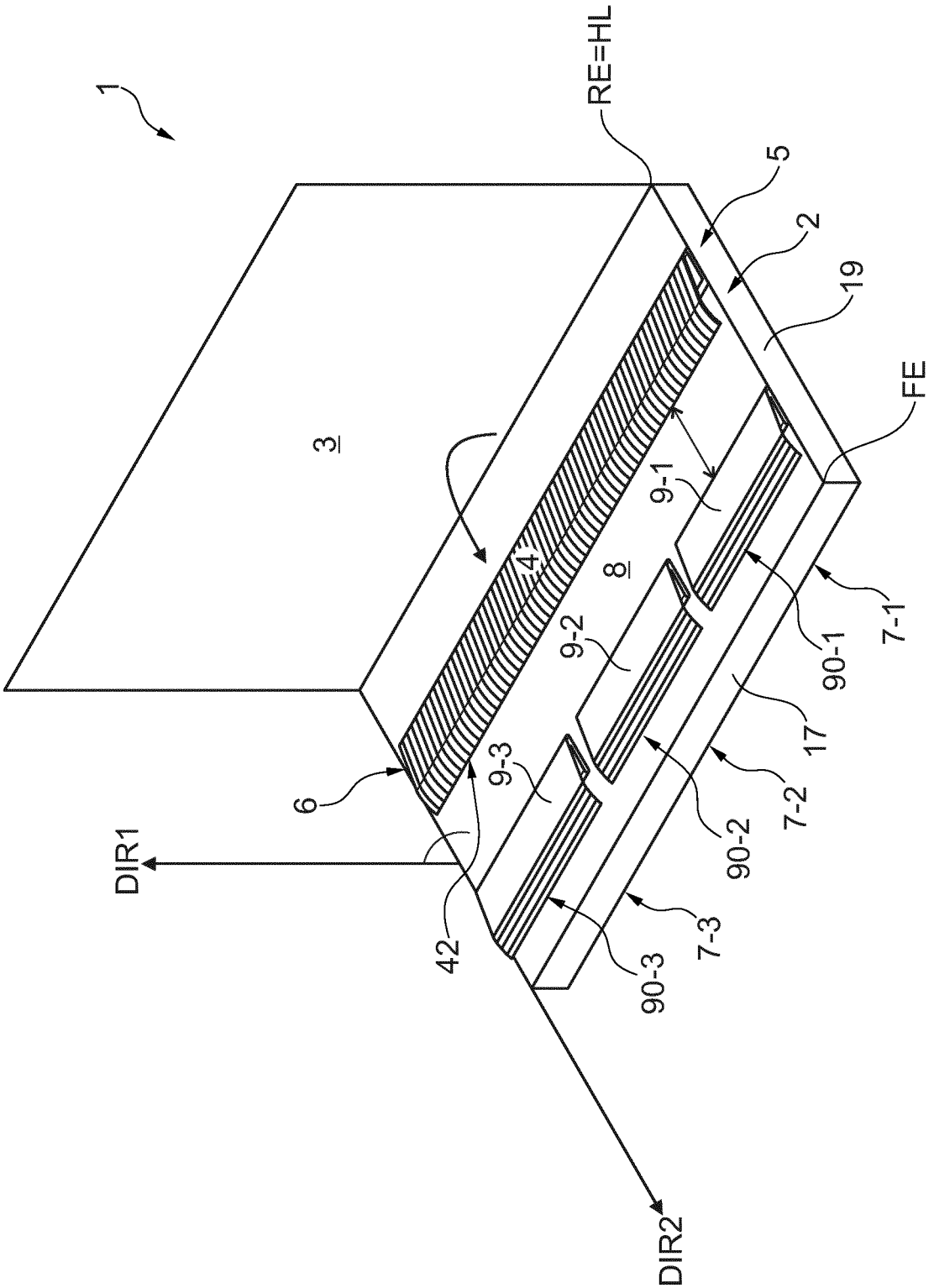


Fig. 13

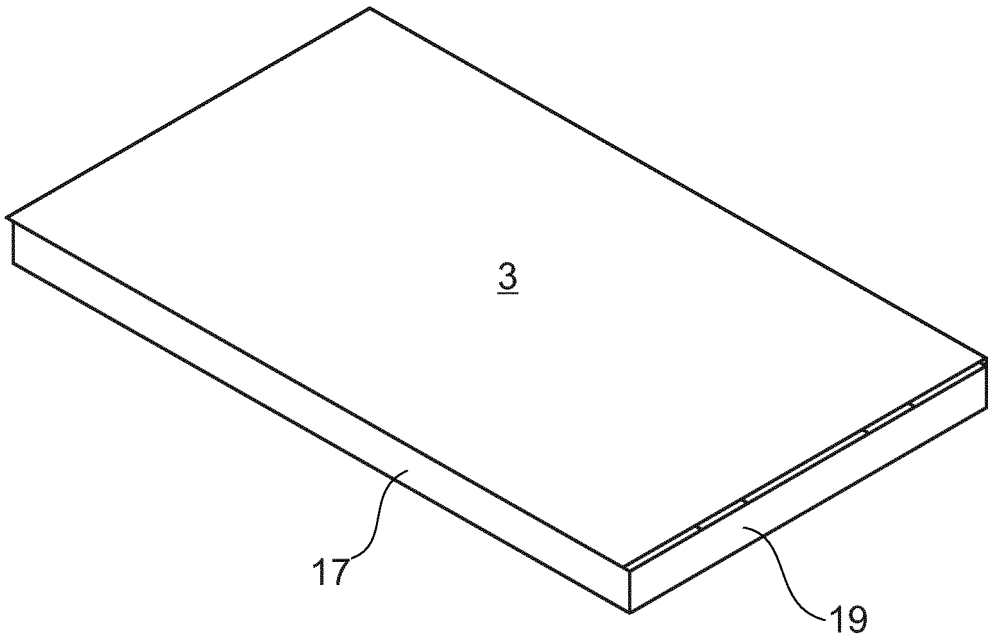


Fig. 14

REFERENCES CITED IN THE DESCRIPTION

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