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The shower installation kit (1) includes an elongated drain (2) adapted to be arranged at an inclined shower floor (5) and at least one elongated side member (3, 4) adapted to be arranged at right angles to the elongated drain (2) and at a side of the inclined shower floor. Each elongated side member has a longitudinal flange (6, 7) adapted to define a slope of the inclined shower floor and adapted to be positioned under a floor covering (9) of the inclined shower floor. The drain is adapted to be mounted at a distance (d) from a subfloor structure (10) of the inclined shower floor before installation of the inclined shower floor. The drain is provided with a front flange (11) adapted to be positioned under the floor covering, and the longitudinal flange of the at least one side member is connected to and arranged flush with the front flange of the drain.

Fortsættes ...

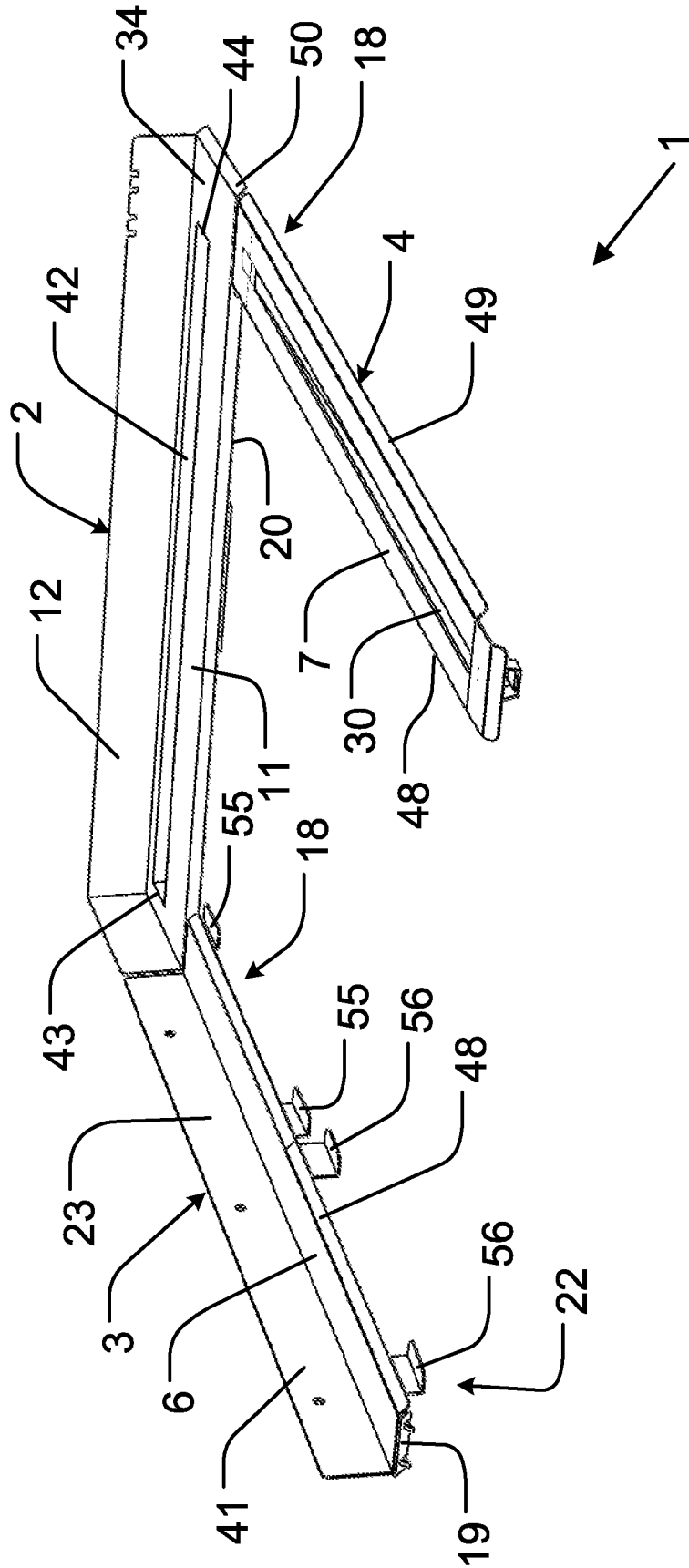


Fig. 1

Shower installation kit and method of installing shower

The present invention relates to a shower installation kit including an elongated drain having a longitudinal direction and being adapted to be arranged at an inclined shower floor, the elongated drain being adapted to be mounted at a distance from a subfloor structure of the inclined shower floor before installation of the inclined shower floor, and the elongated drain being provided with a front flange adapted to be positioned under the floor covering of the inclined shower floor.

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CH 701 285 B1 describes the installation of a so-called barrier-free shower, whereby, before the installation of the shower, a subfloor is so grouted that an inclination is formed from a front edge to a back wall. Subsequently, a left and a right tapered elongate profile element are arranged in parallel in the transition zone between the surrounding horizontal floor and the inclined shower floor. The profile elements have a flange adapted to be arranged below the floor covering of the surrounding horizontal floor and a vertical wedge-formed wall part covering the wedge-formed step of the subfloor between the surrounding horizontal floor and the inclined shower floor. The profile elements may further have a flange adapted to be arranged below the floor covering of the inclined shower floor. However, it may be troublesome even for an experienced person to grout the inclined subfloor and especially to grout the transition between the inclined subfloor and the surrounding horizontal subfloor prior to mounting the profile elements.

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EP 2 353 482 A2 likewise discloses a decorative strip for a so-called barrier-free shower. The decorative strip is height adjustable in order to cover wedge-formed transition zones of differing size formed between an inclined shower floor and a surrounding horizontal floor. The decorative strip has a holding profile, in which a decorative strip profile is received displaceably for adjusting the height of the visible decorative surface. The holding profile has

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a U-shaped cross-sectional area for receiving the decorative strip profile. The decorative strip profile may itself be provided with an upwardly open U-shaped cross-sectional area intended for the insertion of the lower edge of a partition wall. However, before installing the decorative strip disclosed, the inclined shower subfloor as well as the surrounding horizontal subfloor has to be grouted. As mentioned above, it may be troublesome even for an experienced person to grout the inclined subfloor and especially to grout the transition between the inclined subfloor and the surrounding horizontal subfloor.

10 EP 1 287 213 B9 (Unidrain A/S) discloses an elongated floor drain and a method of installing such a drain in a building structure. The floor drain is at first fixed to a brick or plaster board wall by means of a vertical back flange of the drain that is fastened to the wall by means of screws, and a discharge pipe is connected. Insulating bats with upper plywood boards are then laid out, a concrete base is cast, and a concrete levelling layer with a unidirectional slope is then laid using the location of the drain as a guide for establishing the proper slope of the levelling layer. The walls, the floor and the flange part of the drain are finally tiled and the floor drain is covered with a grating. Although the location of the drain may be used as a guide for the position of the rearmost part of the sloping levelling layer, it may still be troublesome even for an experienced person to grout the inclined subfloor correctly and especially to grout the transition between the inclined subfloor and the surrounding horizontal subfloor.

25 DE 20 2011 051 047 U1 discloses a drain assembly comprising an elongated drain with a wall flange for mounting the drain to a wall and a horizontal flange to be covered by tiles. The drain is provided with feet to support the drain on a subfloor.

30 The object of the present invention is to facilitate the installation of a shower.

In view of this object, the shower installation kit includes at least one elongated side member having a longitudinal direction and being adapted to be arranged with its longitudinal direction at right angles to the longitudinal direction of the elongated drain and at a side of the inclined shower floor, the at least one elongated side member has a longitudinal flange adapted to define a slope of the inclined shower floor in relation to a horizontal room floor at least partially surrounding the inclined shower floor, the longitudinal flange of the at least one elongated side member is adapted to be positioned under a floor covering of the inclined shower floor, and the longitudinal flange of the at least one side member is connected to and arranged flush with the front flange of the elongated drain.

In this way, the longitudinal flange of the at least one side member may be fixed in a correctly sloping position in relation to the subfloor structure before grouting the inclined shower floor and may therefore serve as guide at one or both sides of the shower floor when establishing the proper inclination of the shower floor by means of grouting a levelling layer. Therefore, the position of the inclined shower floor may be predefined and the craftsman may simply adapt the shower floor to follow the longitudinal flange of the at least one side member without the need to proceed by rule of thumb, which has otherwise been the usual practice until now.

In an embodiment, the elongated drain has two elongated side members adapted to be arranged at opposed sides of the inclined shower floor. Thereby, the position of the inclined shower floor may be completely predefined and the craftsman may simply adapt the shower floor to follow the longitudinal flanges of the two opposed side members.

In an embodiment, at least one of the at least one side members is provided with a support member adapted to support said side member against a subfloor structure before installation of the inclined shower floor, the support

member being positioned at a distance from the front flange of the elongated drain and preferably at the opposite end of said side member in relation to the front flange of the elongated drain. Thereby, proper positioning of the at least one side member may be further ensured in that the side members may
5 be supported along their length supplementary to the support provided by the connection to the front flange of the elongated drain.

The support member of at least one of the side members is preferably height adjustable. Thereby, proper positioning of the side members may be facilitated in that the side members may easily be supported in a correctly ad-
10 justed position along their length supplementary to the support provided by the connection to the front flange of the elongated drain. Consequently, there is no need for blocks or wedges in order to position the side members correctly.

15 In an embodiment, each elongated side member is provided as a separate element having a first end with a first connector adapted for connection to a front edge of the front flange of the elongated drain. Thereby, the elongated side members may be applied together with a standard elongated drain.
20 Consequently, the elongated drain does not have to be specially adapted, apart from possibly drilling some connection holes for screws or the like.

In a structurally advantageous embodiment, the connector has the form of an inclined edge face adapted to abut a corresponding inclined edge face of the
25 front flange of the elongated drain, said edge faces being inclined to a top surface plane of the front flange of the elongated drain and being provided with holes for connection bolts, screws or similar connection means.

In an embodiment, the separate element of at least one of the at least one
30 elongated side member has a second end with a second connector corresponding to the first connector. Thereby, for instance, a member being pro-

vided with a vertical mounting flange for wall mounting may be mounted at either side of a shower, according to requirements, by simply flipping over the member in relation to the elongated drain.

5 The second connector is preferably connected to a corresponding connector of a, preferably height adjustable, support member adapted to support said side member against a subfloor structure before installation of the inclined shower floor. Thereby, such support member may be applied according to requirements.

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In an embodiment, at least one of the at least one elongated side members is integrated with the front flange of the elongated drain by being welded, soldered or otherwise fixedly connected thereto or by being manufactured from one piece of material, such as sheet metal. Thereby, installation of the shower may be further facilitated in that the at least one elongated side member is positioned and supported together with the elongated drain so that no separate mounting or adjustment of the elongated side members is needed. Furthermore, a more precise positioning of the elongated side members may be possible, because these may be positioned correctly and precisely during manufacturing of the elongated drain.

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In an embodiment, two elongated side members positioned at opposed sides of the inclined shower floor are provided with a connecting, bridge-like, member connected to each of said elongated side members at the end of said side members opposed to the end at the front flange of the elongated drain. Thereby, the elongated side members may further be stabilized in relation to each other, thereby further ensuring precise positioning of these before and during installation of the inclined shower floor.

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30 The connecting, bridge-like, member is preferably detachably connected to each of said elongated side members at the end of said side members op-

posed to the end at the front flange of the elongated drain. Thereby, mounting of the elongated drain, for instance to a wall by means of screws, may be facilitated by removing the connecting, bridge-like, member during mounting, whereby access to the drain may be facilitated.

5

In an embodiment, at least one of the at least one elongated side members includes a vertical mounting flange adapted to be mounted flat on a vertical side wall, preferably by means of screws, nails or the like fastening means, and to be positioned under a vertically extending wall covering of the side wall. Thereby, an end of the elongated drain may be mounted very close to or even abutting an existing wall of a building.

In an embodiment, each elongated side member includes a transition face adapted to extend vertically and define a wedge-formed transition between a surface plane of the inclined shower floor and a surface plane of the horizontal room floor, the elongated drain includes a longitudinal drain opening arranged along the front flange of the elongated drain and having a first end and a second end, and, preferably, the transition face of a respective elongated side member is located at a position less than about 5 centimetres, preferably less than about 3 centimetres, and most preferred less than about 2 centimetres, from the nearest end of the longitudinal drain opening measured in the longitudinal direction of the elongated drain. Thereby, it may be obtained that a standard grate, including any surrounding frame associated therewith, mounted over the longitudinal drain opening, extends very closely up to or even abuts said wedge-formed transition and thereby visually extends along the full width of the inclined shower floor and possibly extends at least very closely up to an existing wall of a building or a partition wall at the side of the shower floor.

30 In an embodiment, the longitudinal drain opening is provided with a corresponding elongated grate, preferably including a surrounding frame associ-

ated with the grate, having a first end and a second end, and the transition face of each elongated side member abuts or is positioned nearer than about 7 millimetres, preferably nearer than about 5 millimetres, and most preferred nearer than about 3 millimetres, from a corresponding one of the first and second ends of the elongated grate including any surrounding frame associated with the grate. Thereby, it may be obtained that the grate including any surrounding frame associated with the grate visually extends along the full width of the inclined shower floor and possibly extends at least very closely up to an existing wall of a building or a partition wall at the side of the shower floor.

In an embodiment, the longitudinal flange of each elongated side member has an inner edge facing the centre of the inclined shower floor, said inner edges are positioned between the first and second ends of the longitudinal drain opening measured in the longitudinal direction of the elongated drain. Thereby, a suitably broad longitudinal flange in terms of stability of the connection between the elongated side member and the shower floor may be obtained and at the same time it may be obtained that a standard grate, including any surrounding frame associated therewith, mounted over the longitudinal drain opening extends very closely up to or even abuts said wedge-formed transition and thereby visually extends along the full width of the inclined shower floor and possibly extends at least very closely up to an existing wall of a building or a partition wall at the side of the shower floor.

The longitudinal flange of at least one of the elongated side members has preferably an outer edge facing away from the centre of the inclined shower floor and being arranged in continuation of or flush with an end edge of the front flange of the elongated drain. Thereby, it may be ensured that a smooth transition also between the outer edge of the longitudinal flange of the elongated side members and a standard elongated drain is obtained, so that flush

connection between flanges, a membrane and floor covering may be obtained.

5 In an embodiment, the longitudinal flange of at least one of the elongated side members has an upwardly open groove extending in the longitudinal direction of the elongated side member and having decreasing depth in the direction towards the elongated drain. Thereby, a partition wall for the shower may be inserted into the upwardly open groove so that the partition wall is arranged horizontally although the longitudinal flange is inclined towards the elongated drain. In this case, part of the partition wall may form the above-mentioned transition face adapted to extend vertically and define a wedge-
10 formed transition between a surface plane of the inclined shower floor and a surface plane of the horizontal room floor.

15 Preferably, a U-formed rail having a constant cross-section along its length is inserted into the upwardly open groove so that a lower edge of a partition wall for the shower may be inserted into the U-formed rail. Thereby, the lower edge of the partition wall may be protected by the U-formed rail, which may be an advantage for instance in the case that the partition wall is made of
20 glass. Furthermore, it may be an aesthetic advantage that for instance a glass wall may extend at a distance from the floor covering. In this case, at least part of a side flange of the U-formed rail may form the above-mentioned transition face adapted to extend vertically and define a wedge-formed transition between a surface plane of the inclined shower floor and a surface plane
25 of the horizontal room floor.

In an embodiment, the elongated drain is provided with a back flange arranged oppositely to its front flange and adapted to be positioned under a vertically extending wall covering, and the U-formed rail extends up to the
30 area of or abuts the back flange of the elongated drain. Thereby, a partition wall may be supported by the U-formed rail up to the area of a back wall of

the shower, although the upwardly open groove of the longitudinal flange may end at a distance from said back wall.

5 Preferably, a bottom flange of the U-formed rail extends above a top surface plane of the front flange of the elongated drain. Thereby, a standard elongated drain may be utilized without the need for specifically adapting the elongated drain, which otherwise could be done, for instance, by forming a part of the above-mentioned upwardly open groove in the front flange of the elongated drain.

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In an embodiment, the upwardly open groove of the longitudinal flange of at least one of the elongated side members is defined by two opposed wall members, of which a first wall member stops before reaching a line through a front edge of the front flange of the elongated drain, and of which a second wall member extends up to the area of or abuts the back flange of the elongated drain. Thereby, a standard elongated drain may be utilized without the need for specifically adapting the elongated drain. Furthermore, the second wall member extending to the back flange of the elongated drain may provide additional support for the U-formed rail in order to better support the partition wall.

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The second wall member is preferably connected by a bend to a raised longitudinal flange of the respective elongated side member, said raised longitudinal flange being adapted to be positioned under a floor covering of the horizontal room floor. Thereby, the elongated side member may be even better stabilized to provide support for the partition wall and also may better seal the transition zone between the surrounding horizontal floor and the inclined shower floor against water.

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30 In an embodiment, the kit includes a longitudinal wall flange having a longitudinal direction and adapted to be arranged with its longitudinal direction verti-

cally and to be positioned under a vertically extending wall covering of a back wall, the longitudinal wall flange is provided with a U-formed rail mountable along a centre line of the longitudinal wall flange in order to extend through or at least be accessible through the vertically extending wall covering for insertion of an edge of a partition wall for the shower into the U-formed rail. Thereby, mounting of a partition wall is facilitated in that fixation along a vertical edge of the wall may be integrated with the wall covering of the back wall.

10 Preferably, a lower end of the longitudinal wall flange is provided with an engagement part fitting a corresponding engagement part of a back flange of the elongated drain. Thereby, correct positioning of the longitudinal wall flange may be facilitated.

15 The present invention further relates to a shower including a shower installation kit as described above, wherein, before installation of the inclined shower floor, the elongated drain has been fixed to a wall and each one of the two elongated side members has been connected at a first one of its ends to the elongated drain and is either mounted to a wall or is supported in relation to a subfloor structure of the inclined shower floor at a second one of its ends, and wherein, subsequently to mounting the elongated drain and the two elongated side members, the inclined shower floor has firstly been grouted to follow the longitudinal flanges of the elongated side members and has then been provided with a floor covering, such as tiles. Thereby, the above-mentioned properties may be obtained.

The present invention further relates to a method of installing a shower, whereby an elongated drain having a longitudinal direction is arranged at an inclined shower floor, whereby the elongated drain is mounted at a distance from a subfloor structure of the inclined shower floor before installation of the inclined shower floor, and whereby the elongated drain is provided with a

front flange that is positioned under a floor covering of the inclined shower floor.

The method is characterised by that at least one elongated side member
5 having a longitudinal direction is arranged with its longitudinal direction at
right angles to the longitudinal direction of the elongated drain and at a side
of the inclined shower floor, by that the at least one elongated side member
has a longitudinal flange defining a slope of the inclined shower floor in rela-
tion to a horizontal room floor at least partly surrounding the shower floor, by
10 that the longitudinal flange of the at least one elongated side member is posi-
tioned under the floor covering of the inclined shower floor, and by that the
longitudinal flange of the at least one side member is connected to and ar-
ranged flush with the front flange of the elongated drain before installation of
the inclined shower floor. Thereby, the above-mentioned properties may be
15 obtained.

In an embodiment, according to the method, the shower is installed by
means of a shower installation kit as described above. Thereby, the above-
mentioned properties may be obtained.

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In an embodiment, before installation of the inclined shower floor, the elon-
gated drain is fixed to a wall and each one of the at least one elongated side
members is connected at a first one of its ends to the elongated drain and is
either mounted to a wall or is supported in relation to a subfloor structure of
25 the inclined shower floor at a second one of its ends, and, subsequently to
mounting the elongated drain and the at least one elongated side members,
the inclined shower floor is firstly grouted to follow the longitudinal flange of
the at least one elongated side member and is then provided with a floor
covering, such as tiles. Thereby, the above-mentioned properties may be
30 obtained.

The invention will now be explained in more detail below by means of examples of embodiments with reference to the very schematic drawing, in which

5 Fig. 1 is a perspective view of a shower installation kit according to the invention;

Fig. 2 is a top view of the shower installation kit in Fig. 1;

10 Fig. 3 is a perspective view of two elongated side members of the shower installation kit in Fig. 1;

Fig. 4 is a top view of the two elongated side members in Fig. 3;

15 Figs. 5 to 17 illustrate different stages of the mounting of the shower installation kit in Fig. 1 in a bathroom in order to create a shower stall;

Figs. 18 and 19 illustrate alternative embodiments of the mounted shower installation kit according to the invention;

20 Fig. 20 is a perspective view illustrating a cross section through the mounted shower installation kit in Fig. 19;

Fig. 21 illustrates a part of Fig. 20 on a greater scale;

25 Fig. 22 is a perspective view of another embodiment of the shower installation kit according to the invention;

Fig. 23 is a top view of the shower installation kit in Fig. 22;

30 Figs. 24 to 30 illustrate different stages of the mounting of the shower installation kit in Fig. 22 in a bathroom in order to create a shower stall; and

Fig. 31 illustrates a perspective view of a detail of the mounted shower installation kit according to both embodiments of the invention as illustrated in Figs. 1 and 22, respectively.

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In the following, in the different embodiments illustrated, similar elements will be designated by the same reference numerals.

Figs. 1 and 22 illustrate a shower installation kit 1 according to the invention, including an elongated drain 2 having a longitudinal direction L and two elongated side members 3, 4 each having a longitudinal direction. The elongated drain 2 is adapted to be arranged at an inclined shower floor 5 as illustrated in Figs. 16 to 20 and 30. The two elongated side members 3, 4 are adapted to be arranged with their longitudinal directions at right angles to the longitudinal direction of the elongated drain 2, as illustrated in Figs. 1 and 22, and at 15 opposed sides of the inclined shower floor 5 as illustrated in Figs. 16 to 20 and 30. Each elongated side member 3, 4 has a longitudinal flange 6, 7 adapted to define a slope of the inclined shower floor 5 in relation to a horizontal room floor 8 partially surrounding the inclined shower floor 5, as illustrated in Figs. 16 to 20 and 30. The longitudinal flange 6, 7 of each elongated side member 3, 4 is adapted to be positioned under a floor covering 9 of the inclined shower floor 5. The elongated side members 3, 4 may be produced by deep drawing and/or punching of a metal plate, preferably stainless steel. Although two elongated side members 3, 4 are shown in the figures and described below, one of these may be dispensed with, whereby the advantages 25 of the invention may still be obtained. For instance, in Fig 1, preferably the left elongated side member 3 could be dispensed with, as the right elongated side member 4 in the illustrated embodiment has the further advantage of supporting a partition wall 32, as will be explained below.

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As illustrated in Figs. 5 and 24, the elongated drain 2 is adapted to be mounted at a distance d from a subfloor structure 10 of the inclined shower floor 5 before installation of the inclined shower floor 5. The elongated drain 2 is provided with a front flange 11 adapted to be positioned under the floor covering 9 of the inclined shower floor 5. The longitudinal flanges 6, 7 of the side members 3, 4 are connected to and arranged flush with the front flange 11 of the elongated drain 2, as best illustrated in Figs. 1, 2, 6 and 22 to 25. The elongated drain 2 is provided with a back flange 12 arranged oppositely to its front flange 11 and adapted to be mounted on a back wall 13, for instance by means of screws 15 and/or glue, as illustrated in Figs. 5 and 6. Thereby, the elongated drain 2 may be positioned under a vertically extending wall covering 14 of the back wall 13, as illustrated in Figs. 16 and 30.

As illustrated in Figs. 6, 24 and 25, the right side member 7 is provided with a, preferably height adjustable, support member 16 adapted to support the side member 7 against the subfloor structure 10 before installation of the inclined shower floor 5. The support member 16 illustrated is height adjustable by rotation of a ring-formed knob 17 forming a nut and is positioned at the opposite end of the side member 7 in relation to the front flange 11 of the elongated drain 2. The skilled person will understand that the height adjustable support member 16 may have any suitable configuration enabling proper height positioning of the side member 7 in relation to the subfloor structure 10. The support member 16 may for instance be height adjustable by means of a wedge.

In the embodiment of the shower installation kit 1 according to the invention illustrated in Figs. 1 to 21, each elongated side member 3, 4 is provided as a separate element having a first end 18 with a first connector 19 adapted for connection to a front edge 20 of the front flange 11 of the elongated drain 2, as best illustrated in Figs. 1 to 4. The connector 19 has the form of an inclined edge face adapted to abut a corresponding inclined edge face of the

front flange 11 of the elongated drain 2, wherein said edge faces are inclined to a top surface plane of the front flange 11 of the elongated drain 2 and are provided with holes 21 for connection bolts, screws or similar connection means. However, alternatively, the elongated side members 3, 4 may be
5 welded or otherwise fixedly connected to the front edge 20 of the front flange 11 of the elongated drain 2.

As illustrated in Figs. 1 to 4, the separate element of the left elongated side member 3 has a second end 22 with a second connector 19 corresponding to
10 the first connector 19. The left elongated side member 3 includes a vertical mounting flange 23 adapted to be mounted flat on a vertical side wall 27 by means of screws 28, nails or the like fastening means, and to be positioned under a vertically extending wall covering 29 of the side wall 27. Because the left elongated side member 3 is provided with a connector 19 at either end, it
15 may be mounted at either side of a shower (inclined shower floor 5), according to requirements, by simply flipping over the member 6 in relation to the elongated drain 2. Thereby, the left elongated side member 3 may easily be mounted at the right side of the shower instead of at the left side as illustrated in the figures.

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In a not shown embodiment, the first or second connector 19 may be connected to a corresponding connector of the height adjustable support member 16 illustrated in Figs. 6, 24 and 25.

25 The longitudinal flange 7 of the right elongated side member 4 has an upwardly open groove 30 extending in the longitudinal direction of the elongated side member 4 and having decreasing depth in the direction towards the elongated drain 2. As illustrated in Figs. 11, 20 and 21, a U-formed rail 31 included by the right elongated side member 4 and having a constant cross-
30 section along its length is inserted into the upwardly open groove 30 so that a lower edge of a partition wall 32 for the shower may be inserted into the U-

formed rail 31. Thereby, the U-formed rail 31 and the partition wall 32 may extend horizontally, although the longitudinal flange 7 of the right elongated side member 4 slopes down to the elongated drain 2. The U-formed rail 31 extends up to the area of and abuts the back flange 12 of the elongated drain 2, whereby a bottom flange 33 of the U-formed rail 31 extends above a top surface plane 34 of the front flange 11 of the elongated drain 2, as it may be seen in Fig. 11. Thereby it may be obtained, even with a standard elongated drain 2 not having a groove for the U-formed rail 31, that the partition wall 32 by means of the U-formed rail 31 is supported all the way to the back wall 13 of the shower.

In the embodiment illustrated in Figs. 22 to 30, the elongated side members 3, 4 are integrated with the front flange 11 of the elongated drain 2 in that the first end 18 of each elongated side member 3, 4 is welded to the front flange 11 along welding lines 25. In the embodiment shown, the front flange 11 of the elongated drain 2 is provided with a protrusion 24 at either end; the protrusion 24 being welded to the longitudinal flange 6, 7 of the respective elongated side member 3, 4. As it may be seen in Fig. 22, the vertical mounting flange 23 of the left elongated side member 3 extends to the back flange 12 of the elongated drain 2 and is welded thereto along a welding line 26.

In the embodiment illustrated in Figs. 22 to 30, although it is preferred that the elongated side members 3, 4 are welded to the elongated drain 2, they may also be soldered or otherwise fixedly connected thereto, or the front flange 11 of the elongated drain 2 and the longitudinal flanges 6, 7 of the elongated side members 3, 4 may be manufactured from one piece of material, such as sheet metal. Naturally, in the embodiment illustrated in Figs. 22 to 30, the elongated side members 3, 4 may alternatively be connected to the elongated drain 2 by means of connectors adapted to interconnect by means of connection bolts, screws or similar connection means, just as illustrated above in the embodiment illustrated in Figs. 1 to 21.

In the embodiment illustrated in Figs. 22 to 30, the right longitudinal flange 7 is provided with an upwardly open groove 30 corresponding to that of the embodiment illustrated in Figs. 1 to 21 and described above. However, in the
5 embodiment illustrated in Figs. 22 to 30, the upwardly open groove 30 of the longitudinal flange 7 is defined by two opposed wall members 35, 36, of which a first wall member 35 stops before reaching a line L through a front edge 20 of the front flange 11 of the elongated drain 2 as illustrated in Fig. 23, and of which a second wall member 36 extends up to the area of and
10 abuts the back flange 12 of the elongated drain 2. The second wall member 36 is connected by a bend 37 to a raised longitudinal flange 38 of the right elongated side member 4, whereby the raised longitudinal flange 38 is adapted to be positioned under a floor covering 9 of the horizontal room floor 8, as illustrated in Fig. 30. An end of the second wall member 36 and of the
15 raised longitudinal flange 38 is welded to the back flange 12 of the elongated drain 2 along welding lines 26.

As illustrated in Fig. 29, and corresponding to the above described embodiment illustrated in Figs. 20 and 21, a U-formed rail 31 included by the right
20 elongated side member 4 and having a constant cross-section along its length is inserted into the upwardly open groove 30 illustrated in Fig. 22 so that a lower edge of a partition wall 32 for the shower may be inserted into the U-formed rail 31. Thereby, the U-formed rail 31 and the partition wall 32 may extend horizontally, although the longitudinal flange 7 of the right elongated side member 4 slopes down to the elongated drain 2. The U-formed
25 rail 31 extends up to the area of and abuts the back flange 12 of the elongated drain 2, whereby a bottom flange 33 of the U-formed rail 31 extends above a top surface plane 34 of the front flange 11 of the elongated drain 2. Thereby it may be obtained that the partition wall 32 by means of the U-
30 formed rail 31 is supported all the way to the back wall 13 of the shower.

As illustrated in Fig. 25, the two elongated side members 3, 4 positioned at opposed sides of the inclined shower floor 5 are provided with a connecting, bridge-like, member 39 that is connected detachably to each of said elongated side members 3, 4 at the end of said side members opposed to the end at the front flange 11 of the elongated drain 2. The detachable connection is provided by means of hooks 40 at the free ends of the elongated side members 3, 4 adapted to engage with pins or the like of the connecting, bridge-like, member 39. The embodiment illustrated in Figs. 1 to 21 may just as well be provided with the connecting, bridge-like, member 39 illustrated in Fig. 25.

In the embodiments illustrated in Figs. 1 to 31 and described above, each elongated side member 3, 4 includes a transition face 41 visible for instance in Figs. 16, 30 and 31. The transition face 41 is adapted to extend vertically and define a wedge-formed transition between a surface plane of the inclined shower floor 5 and a surface plane of the horizontal room floor 8. The left elongated side member 3 provides the transition face 41 in the form of part of the vertical mounting flange 23. The right elongated side member 4 provides the transition face 41 in the form of part of a face of the U-formed rail 31 facing the centre of the inclined shower floor 5. However, the U-formed rail 31 may be omitted, whereby the partition wall 32 for the shower may be inserted directly into the upwardly open groove 30 of the right elongated side member 4; in this case, the right elongated side member 4 provides the transition face 41 in the form of part of a face of the partition wall 32, whereby the partition wall 32 is understood to be included by the right elongated side member 4.

As best illustrated in Figs. 1, 2, 22 and 23, the elongated drain 2 includes a longitudinal drain opening 42 arranged along the front flange 11 of the elongated drain and having a first end 43 and a second end 44. Preferably, the transition face 41 of a respective elongated side member 3, 4 is located at a position less than about 5 centimetres, preferably less than about 3 centime-

tres, and most preferred less than about 2 centimetres, from the nearest end 43, 44 of the longitudinal drain opening 42 measured in the longitudinal direction of the elongated drain 2. Thereby, it may be obtained that a standard grate 45, including a not completely visible surrounding frame associated therewith, mounted over the longitudinal drain opening 42 extends very closely up to or even abuts said wedge-formed transition and thereby visually extends along the full width of the inclined shower floor 5 and possibly extends at least very closely up to an existing wall 27 of a building or a partition wall 32 at the side of the shower floor as illustrated for instance in Figs. 20 and 31. Said not completely visible frame associated with the grate 45 may preferably be a frame that is mounted fixedly on top of the elongated drain 2, so that the grate 45 may be mounted detachably within the frame. Said frame may be dispensed with.

Furthermore, when the longitudinal drain opening 42 is provided with the corresponding elongated grate 45, preferably including a surrounding frame associated with the grate, having a first end 46 and a second end 47, it is preferred that the transition face 41 of each elongated side member 3, 4 abuts or is positioned nearer than about 7 millimetres, preferably nearer than about 5 millimetres, and most preferred nearer than about 3 millimetres, from a corresponding one of the first and second ends 46, 47 of the elongated grate 45 including the possible surrounding frame associated with the grate. Thereby, it may be obtained that the grate 45 visually extends along the full width of the inclined shower floor 5 and possibly extends at least very closely up to an existing wall of a building or a partition wall at the side of the shower floor.

Furthermore, it is preferred that the longitudinal flange 6, 7 of each elongated side member 3, 4 has an inner edge 48 facing the centre of the inclined shower floor 5, and that said inner edges 48 are positioned between the first and second ends 43, 44 of the longitudinal drain opening 42 measured in the longitudinal direction of the elongated drain 2, as best illustrated in Figs. 2

and 23. Thereby, a suitably broad longitudinal flange 6, 7 in terms of stability of the connection between the elongated side member 3, 4 and the shower floor 5 may be obtained and at the same time it may be obtained that a standard grate 45, preferably including a surrounding frame associated with the grate 45, mounted over the longitudinal drain opening 42 extends very closely up to or even abuts said wedge-formed transition and thereby visually extends along the full width of the inclined shower floor 5 and possibly extends at least very closely up to an existing wall 27 of a building or a partition wall 32 at the side of the inclined shower floor.

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Furthermore, in the embodiment illustrated in Figs. 1 to 21, it is seen that the longitudinal flange 7 of the right elongated side member 4 has an outer edge 49 facing away from the centre of the inclined shower floor 5 and being arranged in continuation of and flush with a right end edge 50 of the front flange 11 of the elongated drain 2. Thereby, it may be ensured that a smooth transition also between the outer edge 49 of the longitudinal flange 7 of the elongated side member 4 and a standard elongated drain is obtained, so that flush connection between flanges, a membrane and floor covering may be obtained. Naturally, for a standard elongated drain adapted to a right hand corner, instead of the illustrated left hand corner, the left elongated side member 3 could have an outer edge 49 facing away from the centre of the inclined shower floor 5 and being arranged in continuation of and flush with a left end edge of the front flange 11 of the elongated drain 2.

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As illustrated in Figs. 9 to 16 and 28 to 30, the shower installation kit 1 according to the invention may include a longitudinal wall flange 51 having a longitudinal direction and being adapted to be arranged with its longitudinal direction vertically and to be positioned under the vertically extending wall covering 14 of a back wall 13. The longitudinal wall flange 51 is provided with a U-formed rail 52 mountable along a centre line of the longitudinal wall flange 51 in order to extend through or at least be accessible through the ver-

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tically extending wall covering 14 for insertion of an edge of the partition wall 32 for the shower into the U-formed rail 52. A lower end of the longitudinal wall flange 51 is provided with an engagement part 53 fitting a corresponding engagement part 54 of the back flange 12 of the elongated drain 2 as illustrated for instance in Figs. 9 and 29.

According to the invention, the shower installation kit 1 illustrated in Figs. 1 to 4 may be used for the installation of a shower as illustrated in Figs. 5 to 21 and described in the following. Before installation of the inclined shower floor 5, the elongated drain 2 is fixed to the back wall 13 as illustrated in Fig. 5. Subsequently, the two elongated side members 3, 4 are connected at a first end 18 to the elongated drain 2 as illustrated in Fig. 6 and explained above. The left elongated side member 3 is mounted to the vertical side wall 27 so that the longitudinal flange 6 of the left elongated side member 3 slopes correctly down to the elongated drain 2. This may be done by placing a spirit level on top of a pair of appropriately positioned flaps 55 on the left elongated side member 3. It is noted that in case the left elongated side member 3 as illustrated would have to be arranged at the right side of the elongated drain 2, the spirit level would have to be positioned on top of another pair of appropriately positioned flaps 56 on said elongated side member. The right elongated side member 4 is supported in relation to the subfloor structure 10 of the inclined shower floor 5 at a second end by means of the height adjustable support member 16. The height of said second end is adjusted correctly by rotation of the ring-formed knob 17 so that a bottom of the upwardly open groove 30 is horizontal, which may be done by temporarily inserting the U-formed rail 31 in the upwardly open groove 30 and placing a spirit level on top of it. Thereby, it may be obtained that the longitudinal flange 7 of the right elongated side member 4 slopes correctly down to the elongated drain 2.

Subsequently, the horizontal room floor 8 partially surrounding the shower area where the inclined shower floor 5 is to be installed is grouted, whereby a

wedge-formed volume 58 is maintained open so that the horizontal room floor 8 is still spaced in relation to the right elongated side member 4, as illustrated in Fig. 7. Subsequently, the inclined shower floor 5 is grouted to follow the longitudinal flanges 6, 7 of the elongated side members 3, 4, as illustrated in Fig. 8. In Fig. 9, the longitudinal wall flange 51 has been mounted on the back wall 13 and connected to the elongated drain 2 as explained above. In Fig. 10, reinforcement fabric 57 has been applied to all edges where steel and concrete abut each other. In Fig. 11, the U-formed rail 31 has been inserted into the upwardly open groove 30. In Fig. 12, the above-mentioned wedge-formed volume 58 has been grouted so that the horizontal room floor 8 extends all up to the U-formed rail 31.

In Fig. 13, the longitudinal wall flange 51 has been provided with a longitudinally extending foam packing 59; in Fig. 14, the grate 45, including a not completely visible surrounding frame associated with the grate, has been mounted over the longitudinal drain opening 42; and in Fig. 15, the U-formed rail 52 has been mounted on the longitudinal wall flange 51 so that the longitudinally extending foam packing 59 is sandwiched between the longitudinal wall flange 51 and the U-formed rail 52. In Fig. 16, the inclined shower floor 5 and the horizontal room floor 8 partially surrounding the inclined shower floor 5 has been provided with the floor covering 9, such as tiles, the back wall 13 has been provided with the vertically extending wall covering 14, such as tiles, and the side wall 27 has been provide with the vertically extending wall covering 29, such as tiles. In Fig. 17, the partition wall 32 has been mounted so that its lower edge is inserted into the U-formed rail 31 extending through the floor covering 9 and its back edge is inserted into the U-formed rail 52 extending through the vertically extending wall covering 14. Fig. 18 illustrates an alternative embodiment having a lower U-formed rail 31 not extending up through the floor covering 9, and Fig. 19 illustrates yet another embodiment having a relatively high U-formed rail 31 extending up through the floor covering 9.

According to the invention, the shower installation kit 1 illustrated in Figs. 22 and 23 may be used for the installation of a shower as illustrated in Figs. 24 to 30 and described in the following. The overall installation procedure corresponds to the one described above for the shower installation kit 1 illustrated in Figs. 1 to 4; however with some differences as described in the following.

Before installation of the inclined shower floor 5, the elongated drain 2 including the two elongated side members 3, 4 is fixed to the back wall 13 as illustrated in Fig. 24. The left elongated side member 3 is fixed to the vertical side wall 27 whereby it is ensured that the longitudinal flange 6 of the left elongated side member 3 slopes correctly down to the elongated drain 2. This may be done by placing a spirit level on top of a pair of appropriately positioned flaps 55 on the left elongated side member 3. The right elongated side member 4 is supported in relation to the subfloor structure 10 of the inclined shower floor 5 at a second end by means of the height adjustable support member 16. The height of said second end is adjusted correctly by rotation of the ring-formed knob 17 so that the raised longitudinal flange 38 of the right elongated side member 4 is horizontal, which may be done by placing a spirit level on top of it. Thereby, it may at the same time be obtained that the longitudinal flange 7 of the right elongated side member 4 slopes correctly down to the elongated drain 2. It is noted that although the correct slope of the two elongated side members 3, 4 substantially is ensured by the fact that these are connected integrally with the elongated drain 2 and the back flange 12 of the elongated drain 2 is placed flat on the back wall 13, the integrated structure of the elongated drain 2 and the two elongated side members 3, 4 may be somewhat elastic; therefore the procedure of checking the correct slope of each elongated side member 3, 4 may be preferred. In Fig. 25, the connecting, bridge-like, member 39 has been connected detachably to the hooks 40 at the free end of each of said elongated side members 3, 4 as explained above.

Subsequently, the horizontal room floor 8 partially surrounding the shower area where the inclined shower floor 5 is to be installed is grouted, as illustrated in Fig. 26. It is noted that the horizontal room floor 8 has been grouted so that it extends all up to the (horizontal) raised longitudinal flange 38 of the right elongated side member 4. Due to the presence of the horizontal raised longitudinal flange 38, at this stage, it is not necessary, as mentioned by the above-described procedure for installing the shower installation kit 1 illustrated in Figs. 1 to 4, to maintain a wedge-formed volume open.

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Subsequently, the inclined shower floor 5 is grouted to follow the longitudinal flanges 6, 7 of the elongated side members 3, 4, as illustrated in Fig. 27. In Fig. 28, the longitudinal wall flange 51 has been mounted on the back wall 13 and connected to the elongated drain 2 as explained above. Furthermore, reinforcement fabric 57 has been applied to all edges where steel and concrete abut each other.

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In Fig. 29, the U-formed rail 31 has been inserted into the upwardly open groove 30.

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Furthermore, the longitudinal wall flange 51 has been provided with the longitudinally extending foam packing 59 (not visible); the grate 45 including a surrounding frame associated with the grate has been mounted over the longitudinal drain opening 42; and the U-formed rail 52 has been mounted on the longitudinal wall flange 51 so that the longitudinally extending foam packing 59 is sandwiched between the longitudinal wall flange 51 and the U-formed rail 52. In Fig. 30, the inclined shower floor 5 and the horizontal room floor 8 partially surrounding the inclined shower floor 5 has been provided with the floor covering 9, such as tiles, the back wall 13 has been provided with the vertically extending wall covering 14, such as tiles, and the side wall 27 has been provide with the vertically extending wall covering 29, such as

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tiles. Subsequently, the partition wall 32 has been mounted in the same way as illustrated in Fig. 17 and explained above. The two alternatives illustrated in Figs. 18 and 19 having a, respectively, low and high U-formed rail 31, are also possible for this embodiment.

PATENTKRAV

1. Badmonteringskit (1), omfattende et aflangt afløb (2), der har en langsgående retning og er beregnet til at blive anbragt på et skrå badgulv (5), hvor det aflange afløb (2) er beregnet til at blive monteret i en afstand (d) fra en undergulvskonstruktion (10) i det skrå badgulv (5) før montering af det skrå badgulv, og det aflange afløb (2) er forsynet med en frontflange (11), der er beregnet til at blive anbragt under gulvbelægningen (9) af det skrå badgulv (5), **kendetegnet ved, at** badmonteringskittet (1) omfatter mindst et aflangt sideelement (3, 4), der har en langsgående retning og er beregnet til at blive anbragt med sin langsgående retning vinkelret på den langsgående retning af det aflange afløb (2) og ved en side af det skrå badgulv (5), ved at det mindst ene aflange sideelement (3, 4) har en langsgående flange (6, 7), der er beregnet til at definere en hældning af det skrå badgulv (5) i forhold til et horisontalt rumgulv (8), som i det mindste delvist omgiver det skrå badgulv (5), ved at den langsgående flange (6, 7) på det mindst ene aflange sideelement (3, 4) er beregnet til at blive anbragt under en gulvbelægning (9) af det skrå badgulv (5), og ved at den langsgående flange (6, 7) på det mindst ene sideelement (3, 4) er forbundet med og anbragt i niveau med frontflangen (11) på det aflange afløb (2).

2. Badmonteringskit ifølge krav 1, hvor det aflange afløb (2) har to aflange sideelementer (3, 4), der er beregnet til at blive anbragt på modsatte sider af det skrå badgulv (5).

3. Badmonteringskit ifølge krav 1 eller 2, hvor mindst at af det mindst ene sideelement (3, 4) er forsynet med et, fortrinsvis højdejusterbart, støtteelement (16), der er beregnet til at understøtte sideelementet (4) mod en undergulvskonstruktion (10) før montering af det skrå badgulv (5), hvor støtteelementet (16) er placeret i en afstand fra frontflangen (11) af det aflange afløb

(2) og fortrinsvis i den modsatte ende af sideelementet (4) i forhold til frontflangen (11) af det aflange afløb (2).

4. Badmonteringskit ifølge et hvilket som helst af kravene 1 til 3, hvor hvert
5 aflangt sideelement (3, 4) er tilvejebragt som et separat element med en første
ste ende (18) med en første konnektor (19), der er beregnet til at blive for-
bundet med en frontkant (20) på frontflangen (11) på det aflange afløb (2),
og, fortrinsvis, hvor konnektoren (19) har form som en skrå kantflade, der er
beregnet til at støde op til en tilsvarende skrå kantflade på frontflangen (11)
10 på det aflange afløb (2), hvor kantfladerne hælder i forhold til et overfladeplan
af frontflangen (11) på det aflange afløb (2) og er forsynet med huller (21) til
forbindelsesbolte, -skruer eller lignende forbindelsesorganer.

5. Badmonteringskit ifølge krav 4, hvor det separate element af mindst et af
15 det mindst ene aflange sideelement (3, 4) har en anden ende (22) med en
anden konnektor (19), der svarer til den første konnektor (19), og, fortrinsvis,
hvor den anden konnektor (19) er forbundet med en tilsvarende konnektor på
et, fortrinsvis højdejusterbart, støtteelement (16), der er beregnet til at under-
støtte sideelementet (4) mod en undergulvskonstruktion (10) før montering af
20 det skrå badgulv (5).

6. Badmonteringskit ifølge et hvilket som helst af kravene 1 til 3, hvor mindst
et af det mindst ene aflange sideelement (3, 4) er integreret med frontflangen
(11) på det aflange afløb (2), idet det er påsvejset, sammenloddet eller på
25 anden måde fast forbundet dermed, eller idet det er fremstillet af ét stykke
materiale, såsom plademetal.

7. Badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor to
aflange sideelementer (3, 4), der er placeret på modsatte sider af det skrå
30 badgulv (5), er forsynet med et bro lignende forbindelseselement (39), der
fortrinsvis aftageligt er forbundet med hvert af de aflange sideelementer (3, 4)

for enden (22) af sideelementerne modsat enden (19) ved frontflangen (11) på det aflange afløb (2).

8. Badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor
5 mindst et af det mindst ene aflange sideelement (3, 4) omfatter en vertikal monteringsflange (23), der er beregnet til at blive monteret fladt på en vertikal sidevæg (27), fortrinsvis ved hjælp af skruer (28), søm eller lignende fastgørelsesorganer, og til at blive anbragt under en vægbeklædning (29) på sidevæggen (27), der strækker sig vertikalt.

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9. Badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor
hvert aflangt sideelement (3, 4) omfatter en overgangsflade (41), der er beregnet til at strække sig vertikalt og definere en kileformet overgang mellem et overfladeplan af det skrå badgulv (5) og et overfladeplan af det horisontale rumgulv (8), hvor det aflange afløb (2) har en langsgående afløbsåbning (42),
15 der er anbragt langs frontflangen (11) på det aflange afløb (2), og har en første ende (43) og en anden ende (44), og, fortrinsvis, hvor overgangsfladen (41) af det respektive aflange sideelement (3, 4) er anbragt i en position mindre end ca. 5 centimeter, fortrinsvis mindre end ca. 3 centimeter, og mest foretrukket mindre end ca. 2 centimeter, fra den nærmeste ende (43, 44) af den langsgående afløbsåbning (42) målt i det aflange afløbs (2) længderetning.

10. Badmonteringskit ifølge krav 9, hvor den langsgående afløbsåbning (42)
25 er forsynet med en tilsvarende aflang rist (45), der fortrinsvis omfatter en omgivende ramme, som er forbundet med risten, der har en første ende (46) og en anden ende (47), og hvor hvert aflangt sideelements (3, 4) overgangsflade (41) støder op til eller er placeret tættere end ca. 7 millimeter, fortrinsvis tættere end ca. 5 millimeter og mest foretrukket tættere end ca. 3 millimeter
30 fra en tilsvarende en af den første og anden ende (46, 47) af den aflange rist

(45) omfattende en hvilken som helst omgivende ramme, der er forbundet med risten.

11. Badmonteringskit ifølge krav 9 eller 10, hvor den langsgående flange (6, 7) på hvert aflangt sideelement (3, 4) har en indvendig kant (48), der vender mod midten af det skrå badgulv (5), hvor de indvendige kanter (48) er placeret mellem den første og anden ende (43, 44) af den langsgående afløbsåbning (42) målt i det aflange afløbs (2) længderetning, og, fortrinsvis, hvor den langsgående flange (7) på mindst et (4) af de aflange sideelementer (3, 4) har en udvendig kant (49), der vender væk fra midten af det skrå badgulv (5) og er anbragt i forlængelse af eller i niveau med en endekant (50) af frontflangen (11) på det aflange afløb (2).

12. Badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor den langsgående flange (7) på mindst et (4) af de aflange sideelementer (3, 4) har en i opadgående retning åben rille (30), der strækker sig i det aflange sideelements (4) længderetning og har en aftagende dybde i retning mod det aflange afløb (2), og hvor, fortrinsvis, en U-formet skinne (31), der har et konstant tværsnit langs sin længde, er indført i den i opadgående retning åbne rille (30), således at en nedre kant af en skillevæg (32) til badet kan indføres i den U-formede skinne (31).

13. Badmonteringskit ifølge krav 12, hvor det aflange afløb (2) er forsynet med en bagflange (12), der er anbragt modsat dens frontflange (11) og er beregnet til at blive anbragt under en vægbeklædning (14), der strækker sig vertikalt, hvor den U-formede skinne (31) strækker sig op til et område af eller støder op til bagflangen (12) på det aflange afløb (2), og, fortrinsvis, hvor en bundflange (33) på den U-formede skinne (31) strækker sig over et overfladeplan (34) af frontflangen (11) på det aflange afløb (2).

14. Badmonteringskit ifølge krav 13, hvor den i opadgående retning åbne rille (30) i den langsgående flange (7) på mindst et (4) af de aflange sideelementer (3, 4) er defineret af to modsatte vægelementer (35, 36), hvoraf et første vægelement (35) standser, før det når en linje (L) gennem en frontkant (20) af frontflangen (11) på det aflange afløb (2), og hvoraf et andet vægelement (36) strækker sig op til et område af eller støder op til bagflangen (12) på det aflange afløb (2), og, fortrinsvis, hvor det andet vægelement (36) er forbundet med en hævet langsgående flange (38) på det respektive aflange sideelement (4) ved hjælp af en bøjning (37), hvor den hævede langsgående flange (38) er beregnet til at blive anbragt under en gulvbelægning (9) af det horizontale rumgulv (8).

15. Badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor kittet (1) omfatter en langsgående vægflange (51), der har en langsgående retning og er beregnet til at blive anbragt vertikalt med sin langsgående retning og til at blive anbragt under en vægbeklædning (14) på en bagvæg (13), der strækker sig vertikalt, hvor den langsgående vægflange (51) er forsynet med en U-formet skinne (52), der kan monteres langs en midterlinje i den langsgående vægflange (51) for at strække sig gennem eller i det mindste være tilgængelig gennem vægbeklædningen (14), der strækker sig vertikalt, med henblik på indføring af en kant af en skillevæg (32) til badet i den U-formede skinne (52), og, fortrinsvis, hvor en nedre ende af den langsgående vægflange (51) er forsynet med en indgrebsdel (53), der passer sammen med en tilsvarende indgrebsdel (54) på en bagflange (12) på det aflange afløb (2).

16. Bad med et badmonteringskit ifølge et hvilket som helst af de foregående krav, hvor - før montering af det skrå badgulv (5) - det aflange afløb (2) er blevet fastgjort til en væg (13), og hvert af de to aflange sideelementer (3, 4) i en første (18) af sine ender er blevet forbundet med det aflange afløb (2) og i den anden ende enten er monteret på en væg eller er understøttet i forhold til

en undergulvskonstruktion (10) i det skrå badgulv (5), og hvor det skrå badgulv (5) efter montering af det aflange afløb (2) og de to aflange sideelementer (3, 4) først er blevet understøbt for at følge de langsgående flanger (6, 7) på de aflange sideelementer (3, 4) og derefter er blevet forsynet med en gulvbelægning (9), såsom fliser.

17. Fremgangsmåde til montering af et bad, hvor et aflangt afløb (2), der har en langsgående retning anbringes ved et skråt badgulv (5), hvor det aflange afløb (2) monteres i en afstand fra en undergulvskonstruktion (10) i det skrå badgulv (5) før montering af det skrå badgulv, og hvor det aflange afløb (2) er forsynet med en frontflange (11), der anbringes under gulvbelægningen (9) af det skrå badgulv (5), **kendetegnet ved, at** mindst et aflangt sideelement (3, 4), der har en langsgående retning, anbringes med sin langsgående retning vinkelret på den langsgående retning af det aflange afløb (2) og ved en side af det skrå badgulv (5), ved at det mindst ene aflange sideelement (3, 4) har en langsgående flange (6, 7), der definerer en hældning af det skrå badgulv (5) i forhold til et horisontalt rumgulv (8), som i det mindste delvist omgiver det skrå badgulv (5), ved at den langsgående flange (6, 7) på det mindst ene aflange sideelement (3, 4) anbringes under gulvbelægningen (9) af det skrå badgulv (5), og ved at den langsgående flange (6, 7) på det mindst ene sideelement (3, 4) forbindes med og anbringes i niveau med frontflangen (11) på det aflange afløb (2), før montering af det skrå badgulv (5).

18. Fremgangsmåde til montering af et bad ifølge krav 17 ved hjælp af et badmonteringskit (1) ifølge et hvilket som helst af kravene 1 til 14.

19. Fremgangsmåde til montering af et bad ifølge krav 17 eller 18, hvor - før montering af det skrå badgulv (5) - det aflange afløb (2) fastgøres til en væg (13), og hvert af det mindst ene aflange sideelement (3, 4) i en første (18) af sine ender forbindes med det aflange afløb (2) og i den anden ende enten monteres på en væg (27) eller understøttes i forhold til en undergulvskon-

struktion (10) i det skrå badgulv (5), og hvor det skrå badgulv (5) efter montering af det aflange afløb (2) og det mindst ene aflange sideelement (3, 4) først understøbes for at følge den langsgående flange (6, 7) på det mindst ene aflange sideelement (3, 4) og derefter forsynes med en gulvbelægning (9), såsom fliser.

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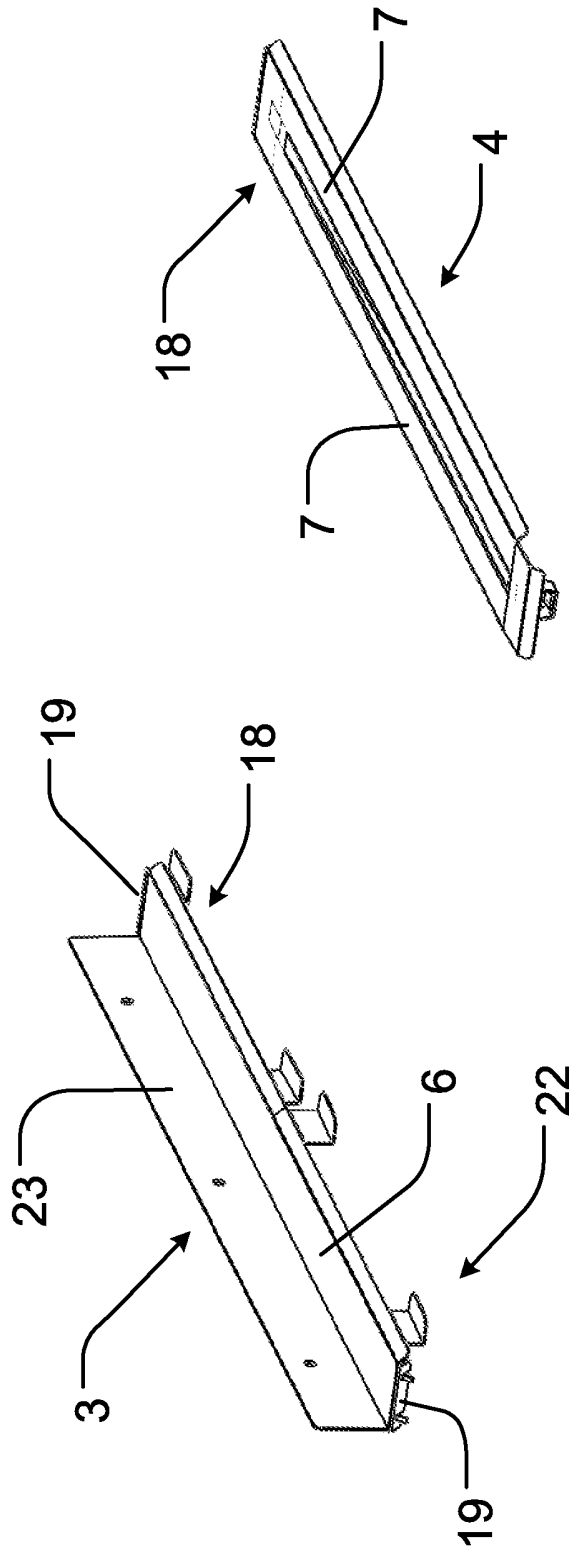


Fig. 3

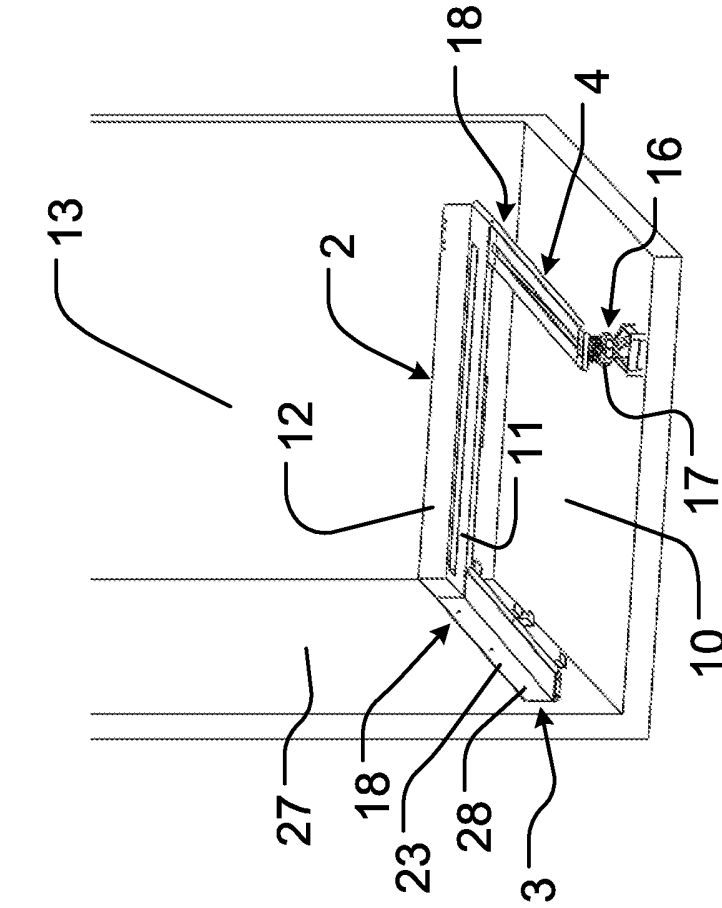


Fig. 5

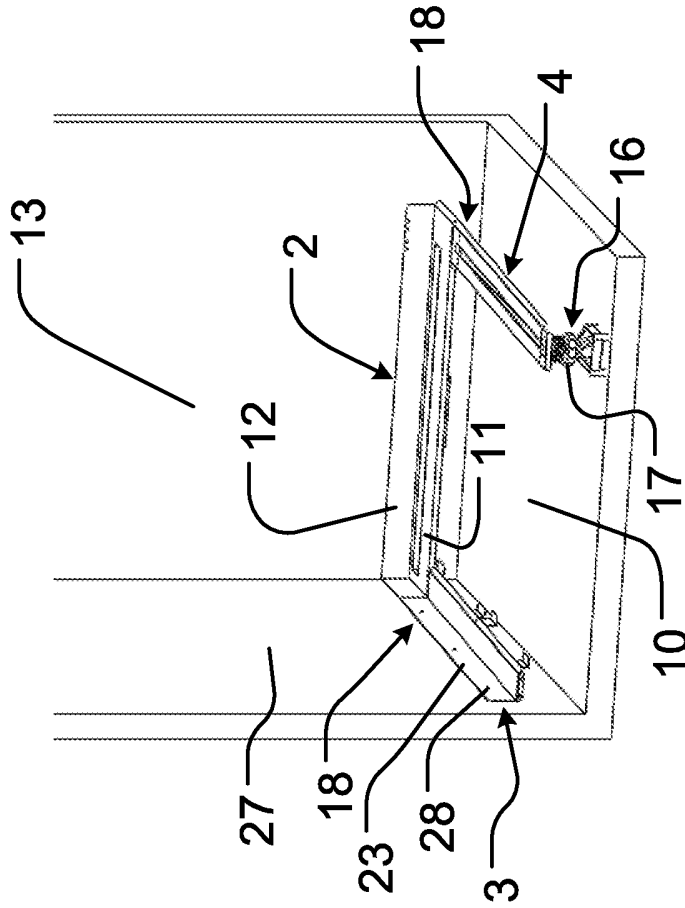


Fig. 6

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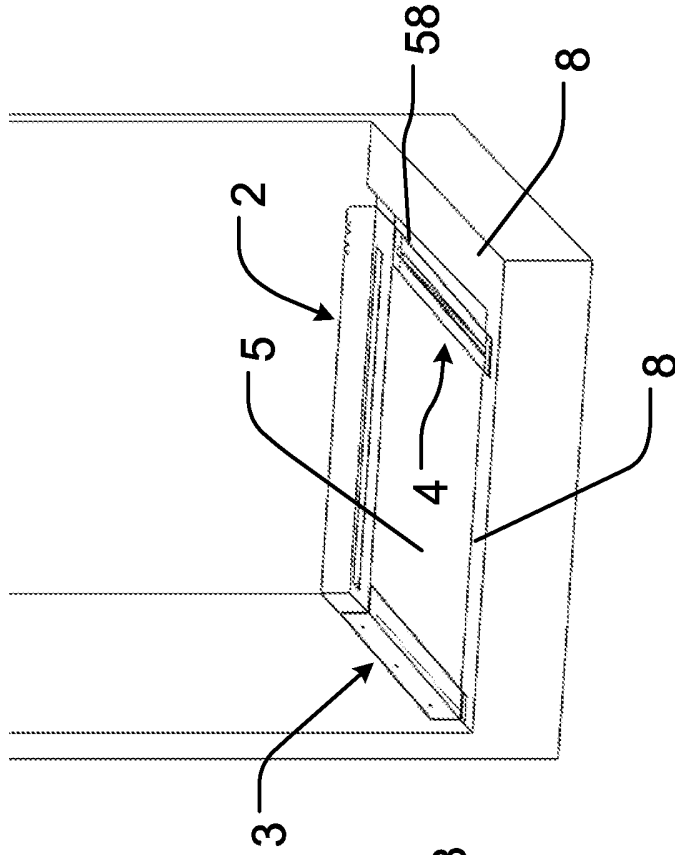


Fig. 8

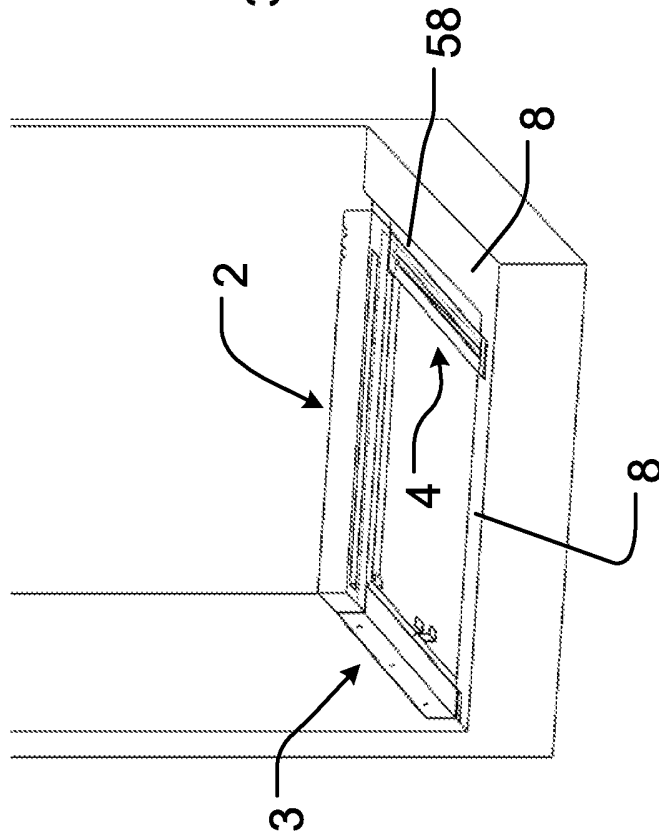


Fig. 7

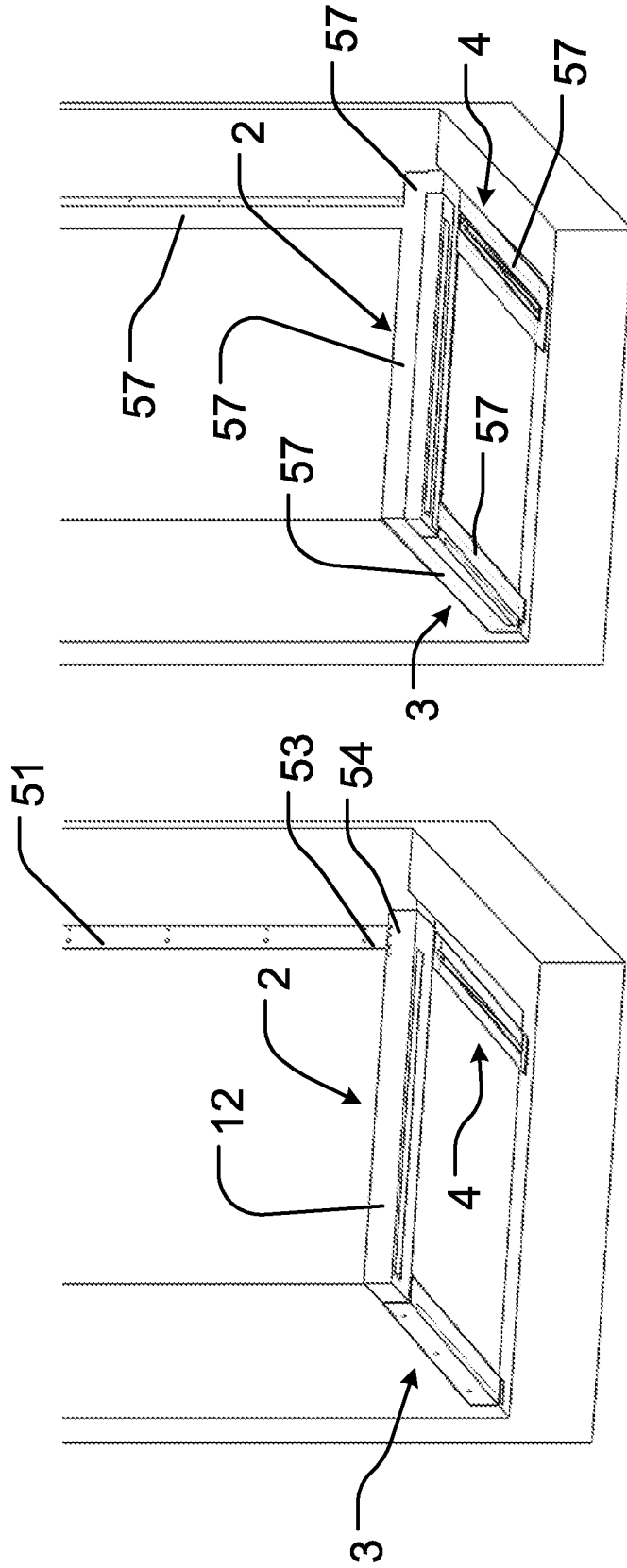


Fig. 10

Fig. 9

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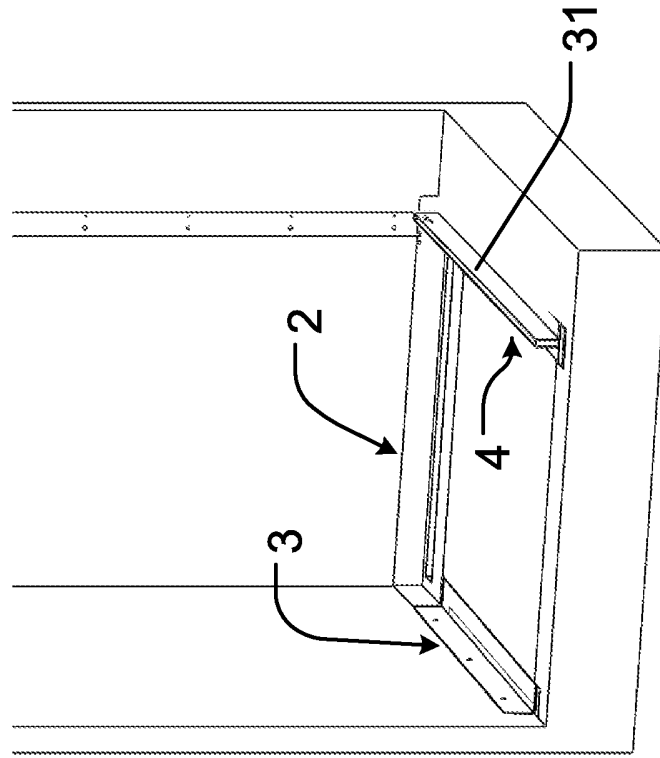


Fig. 12

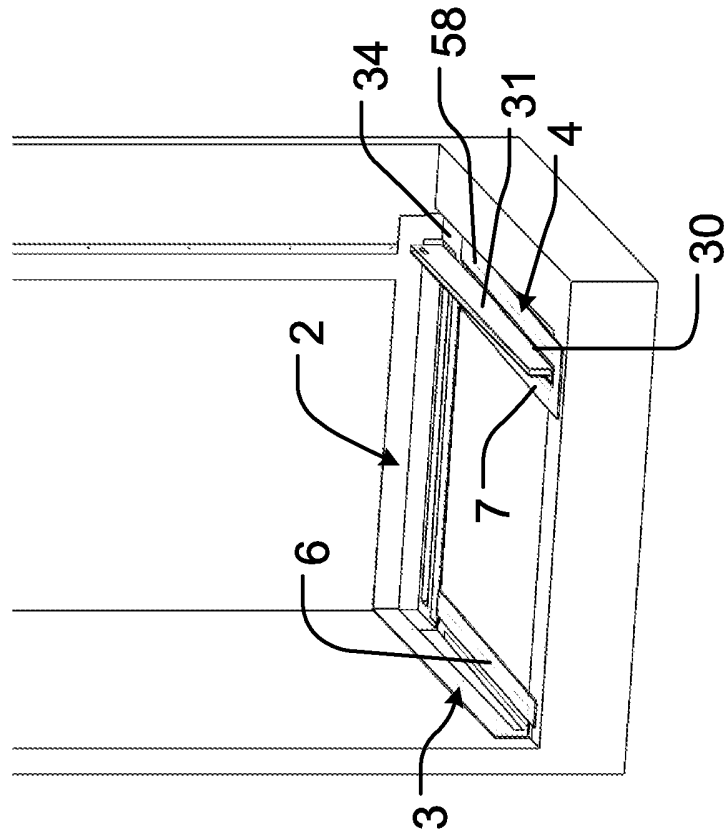


Fig. 11

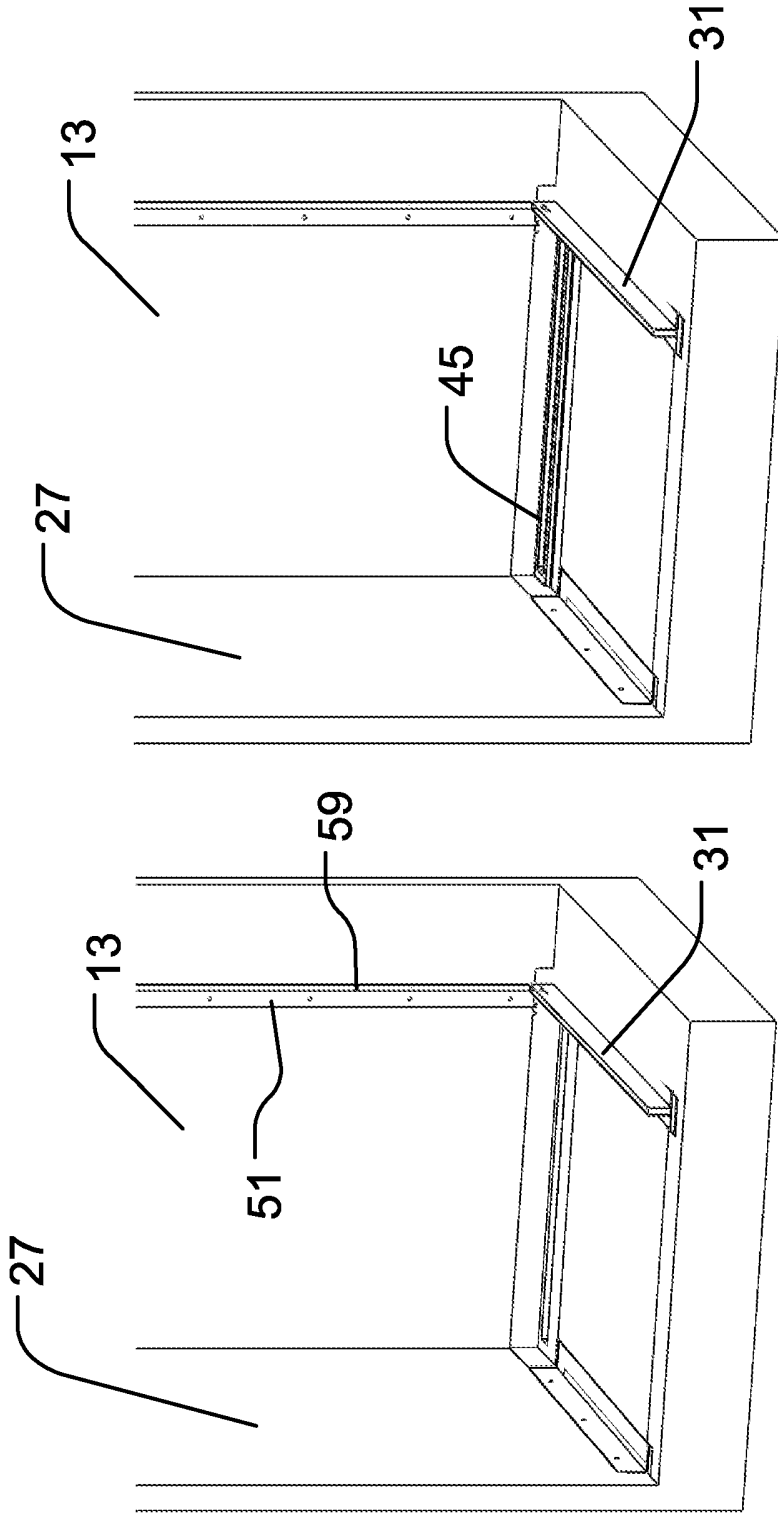


Fig. 14

Fig. 13

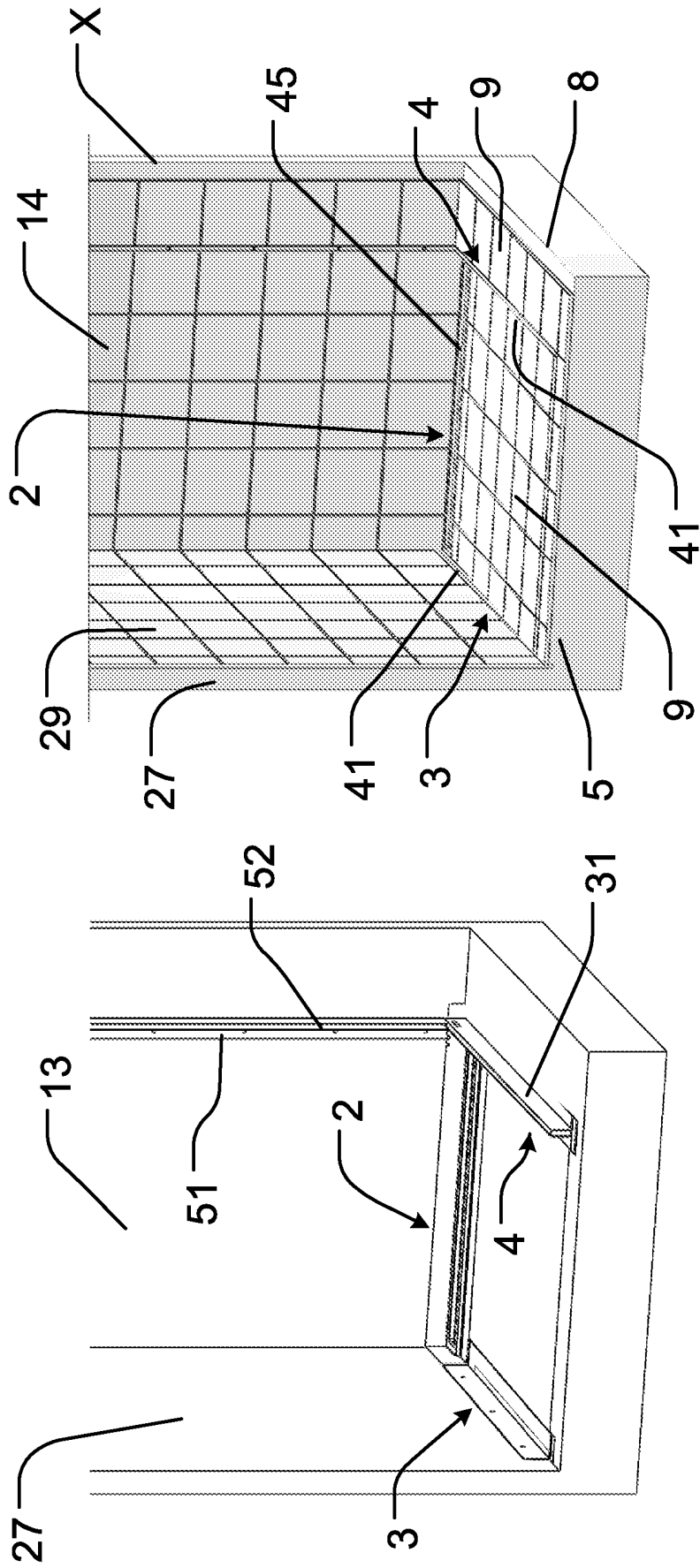


Fig. 16

Fig. 15

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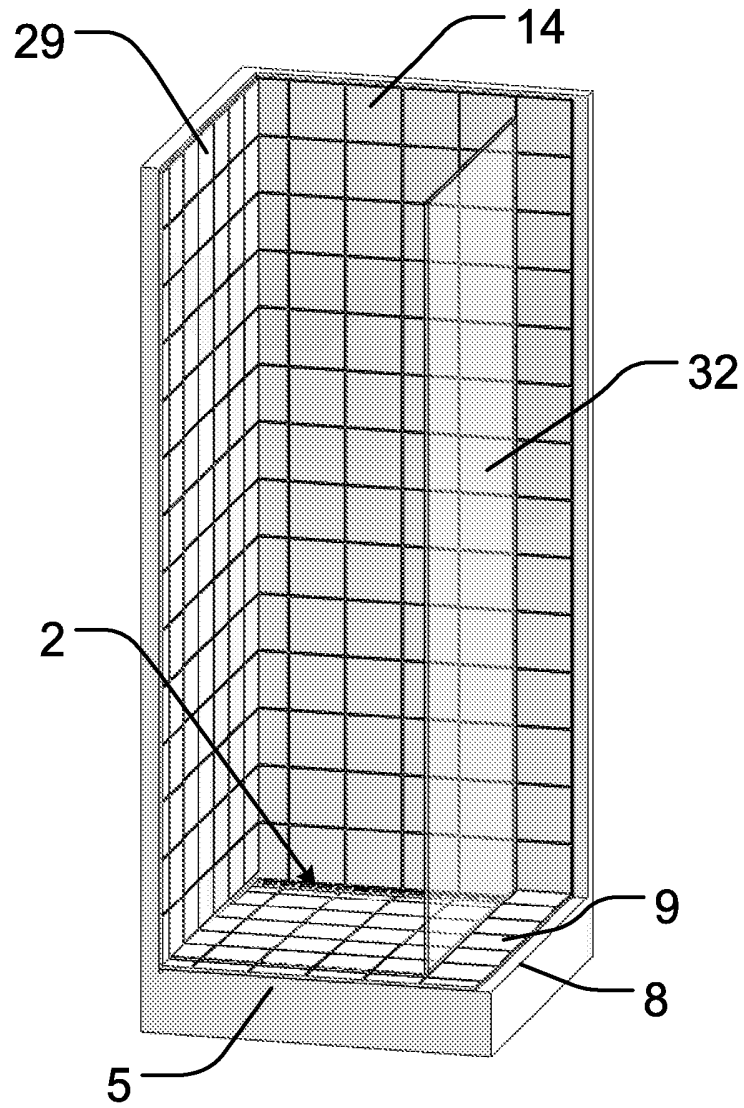


Fig. 17

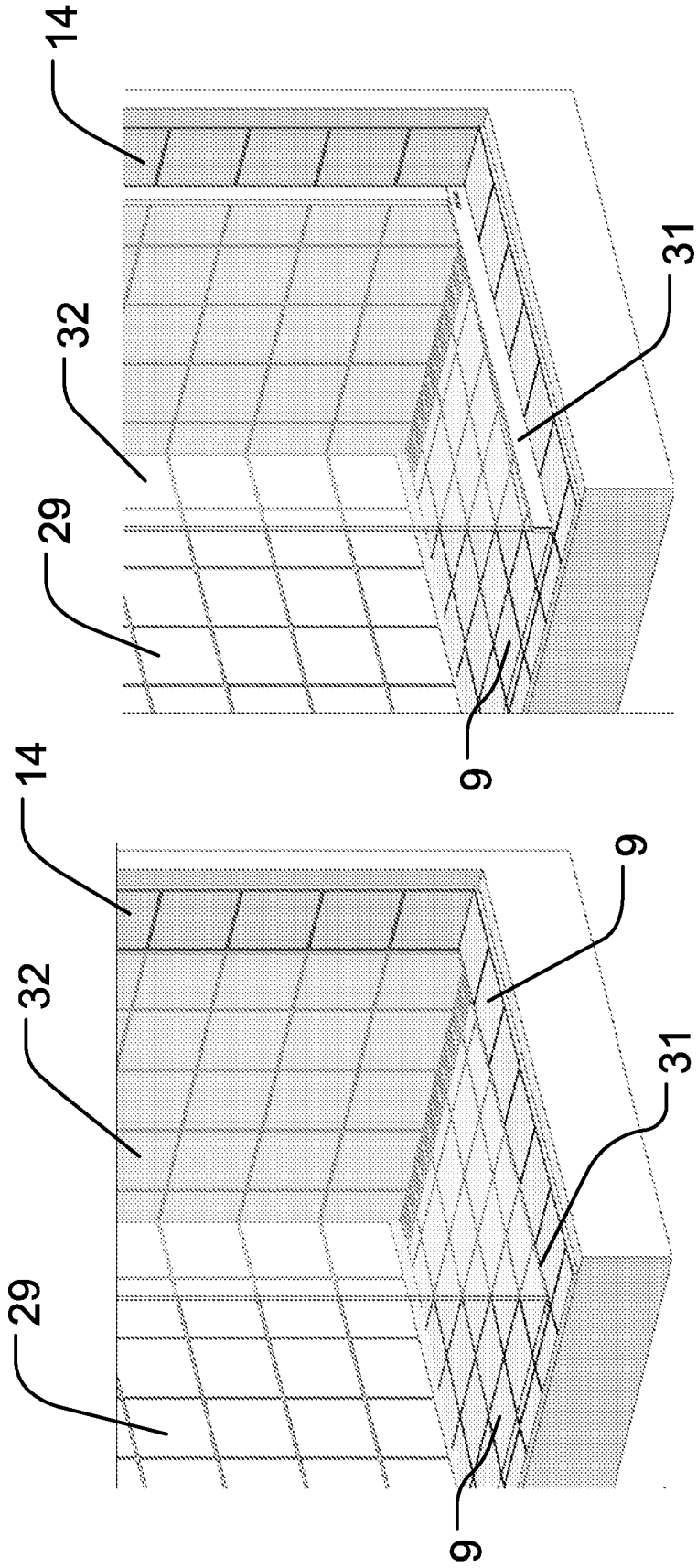


Fig. 19

Fig. 18

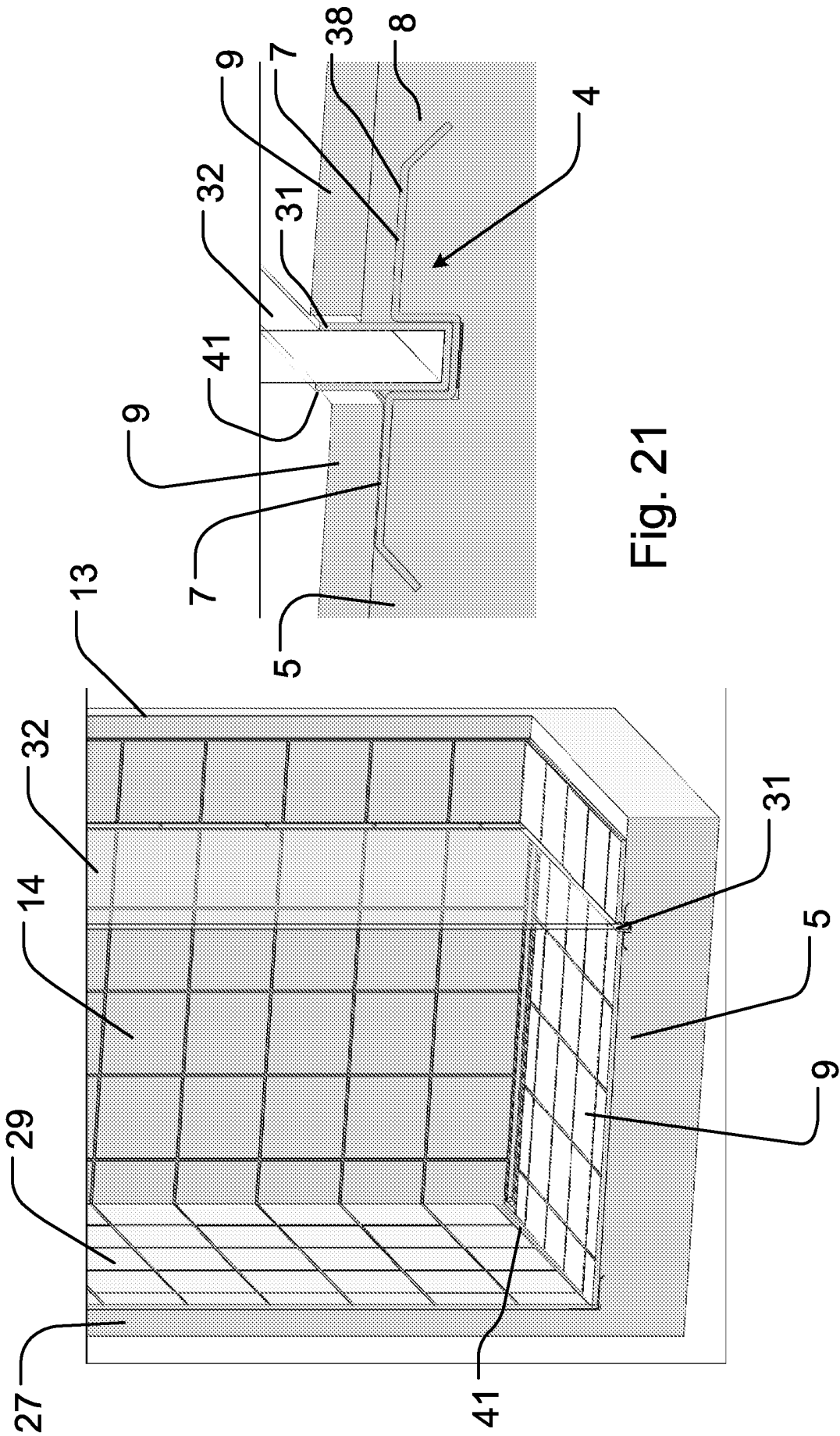


Fig. 21

Fig. 20

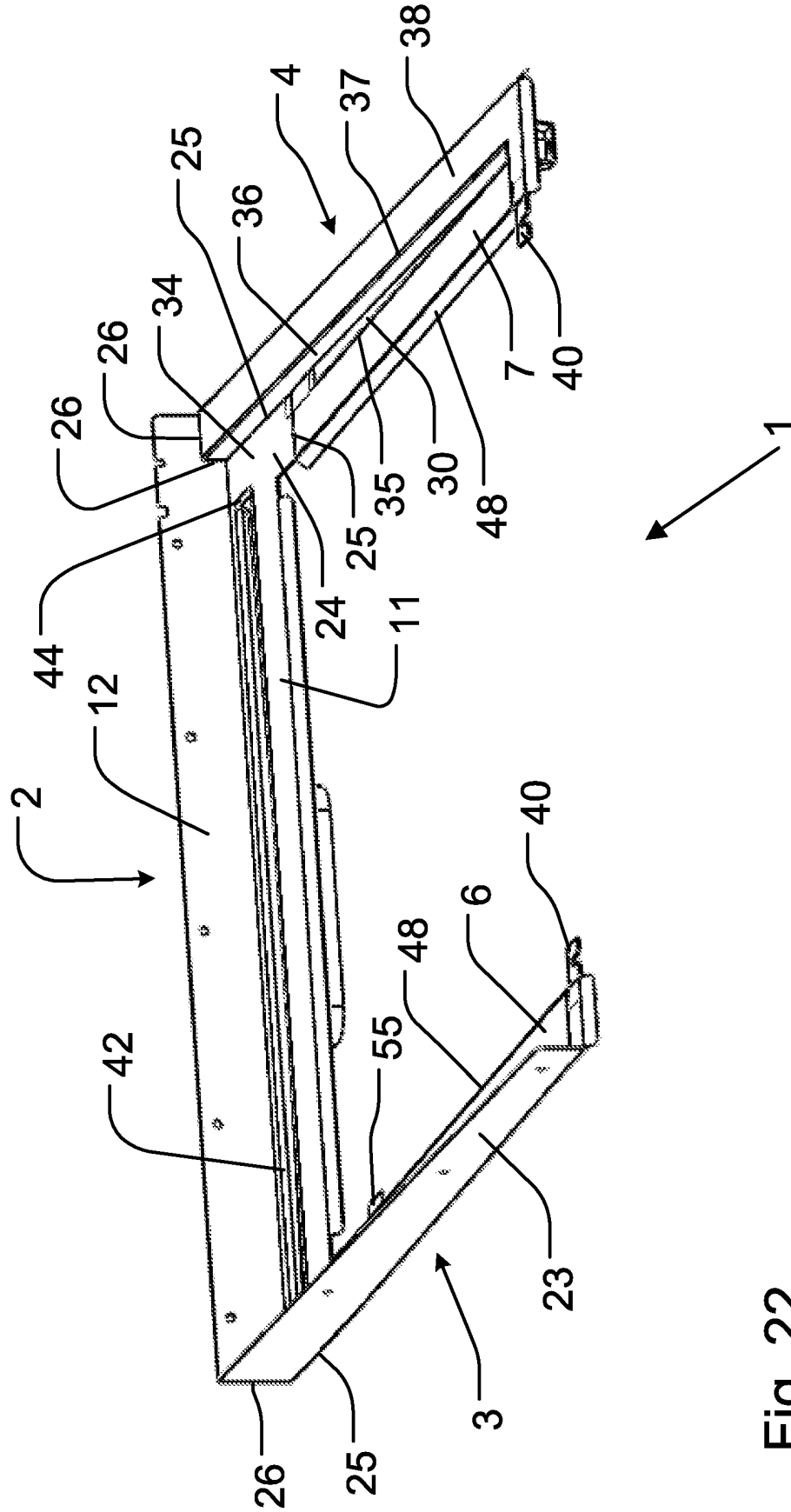


Fig. 22

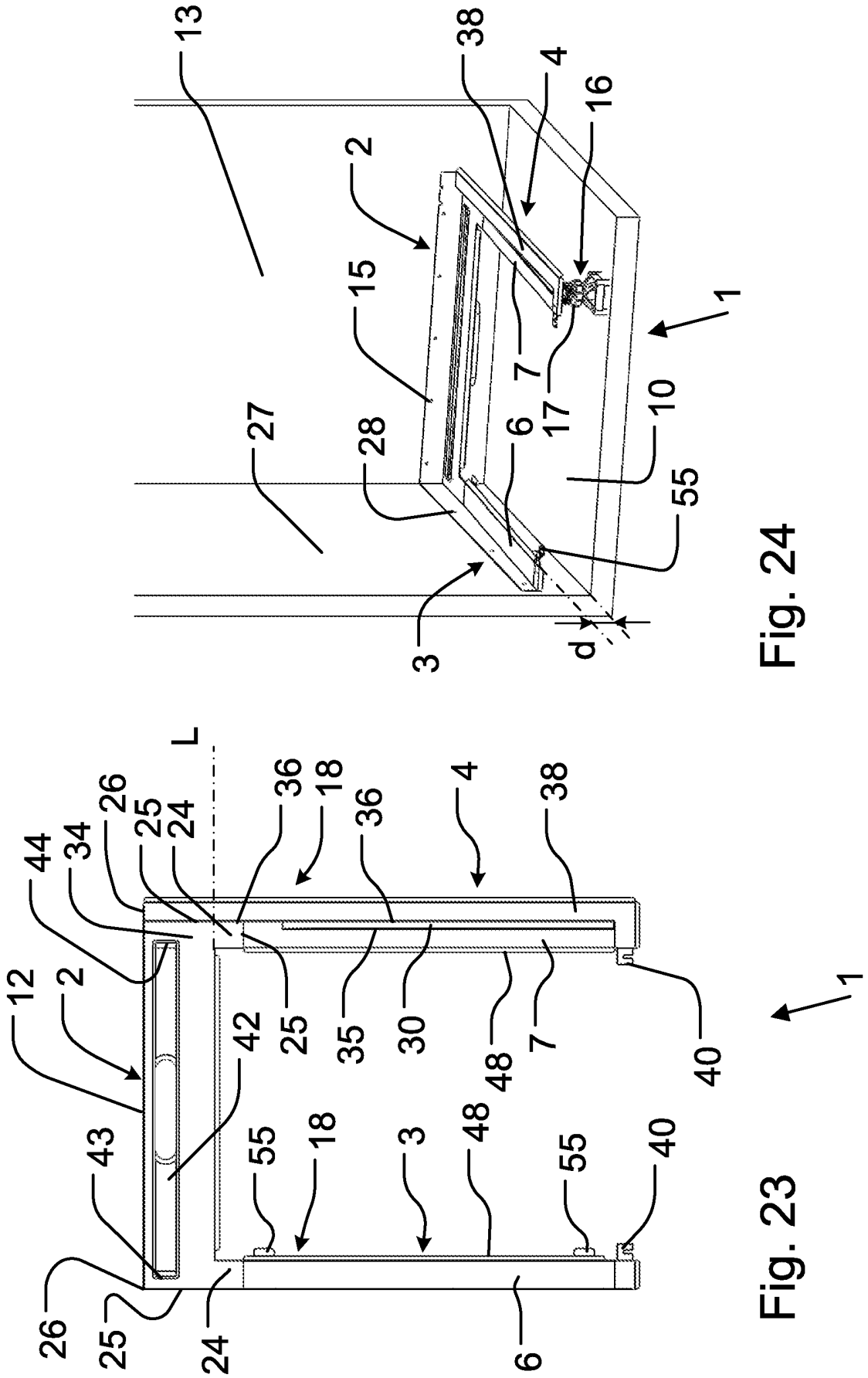


Fig. 24

Fig. 23

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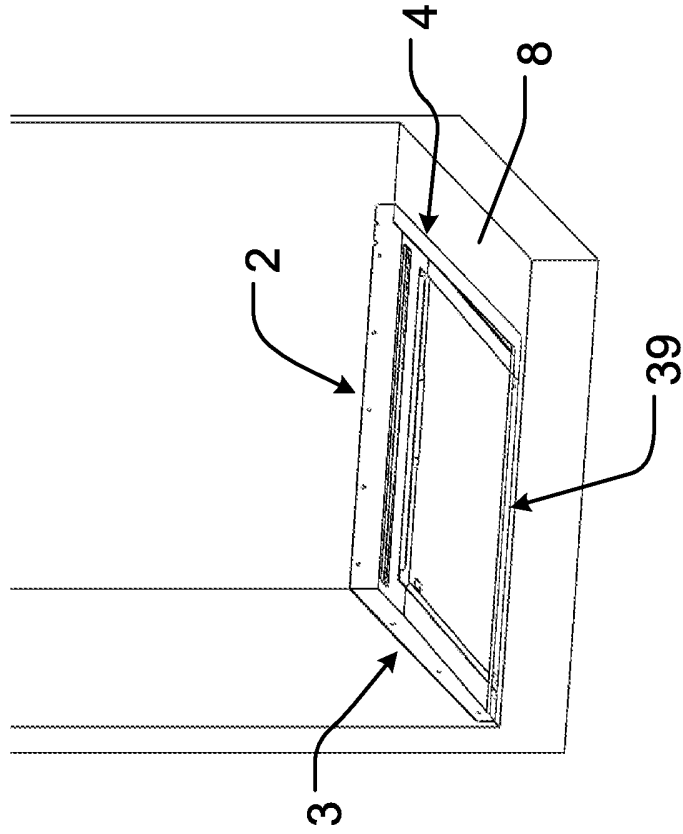


Fig. 26

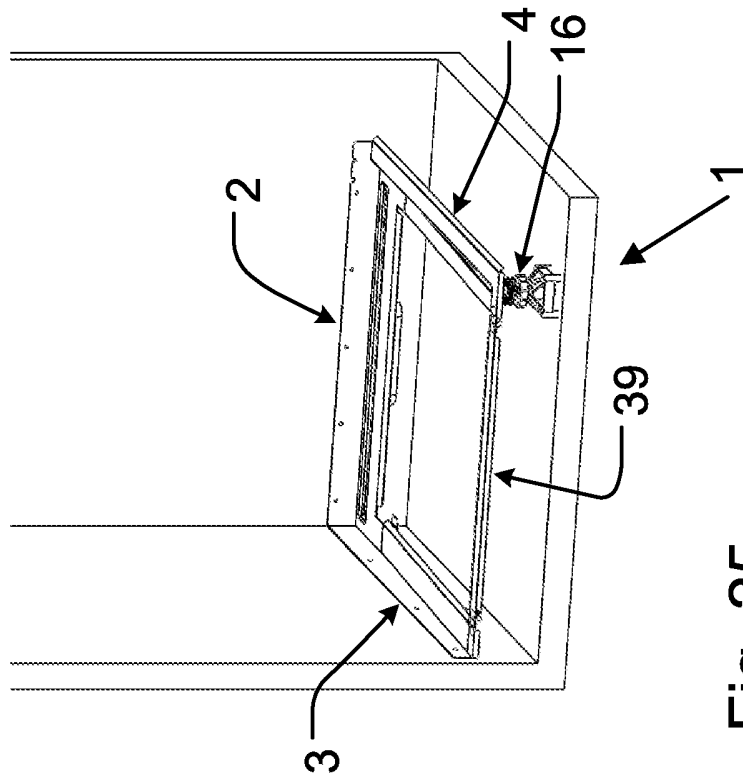


Fig. 25

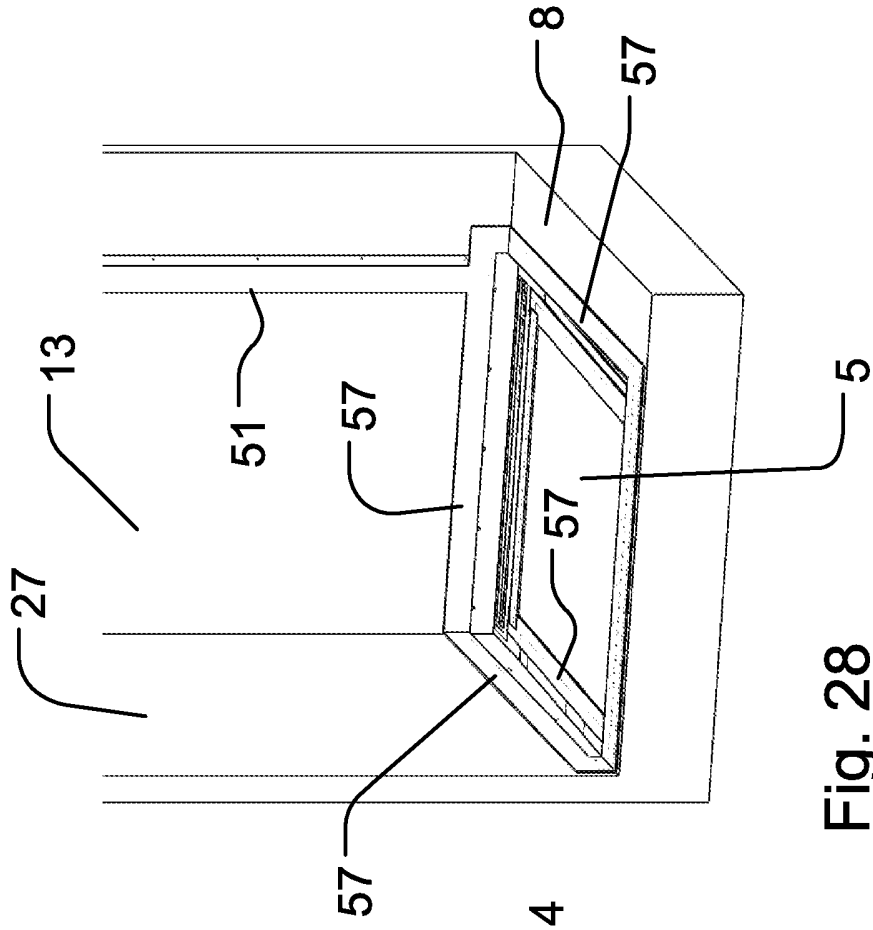


Fig. 27

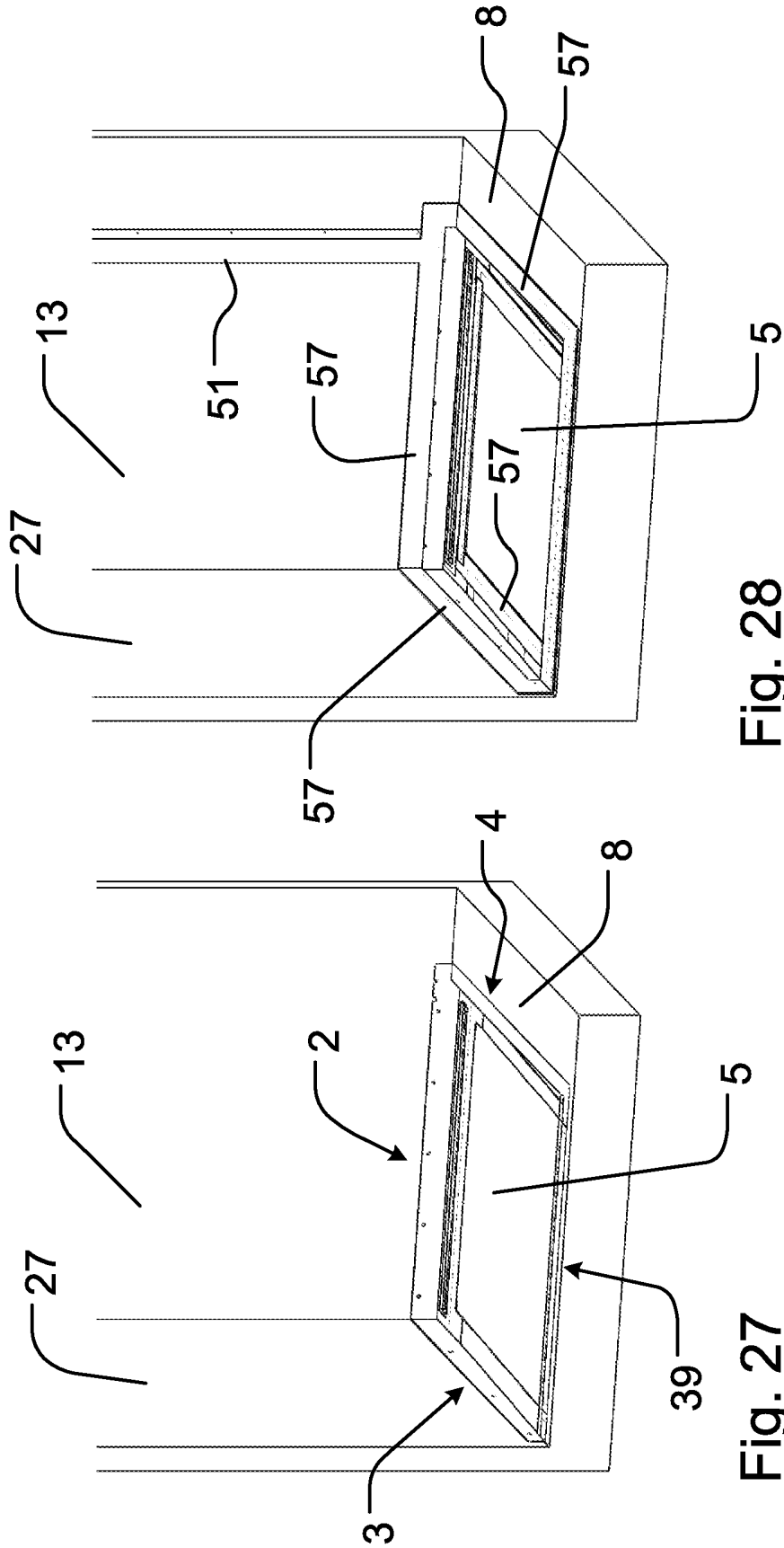


Fig. 28

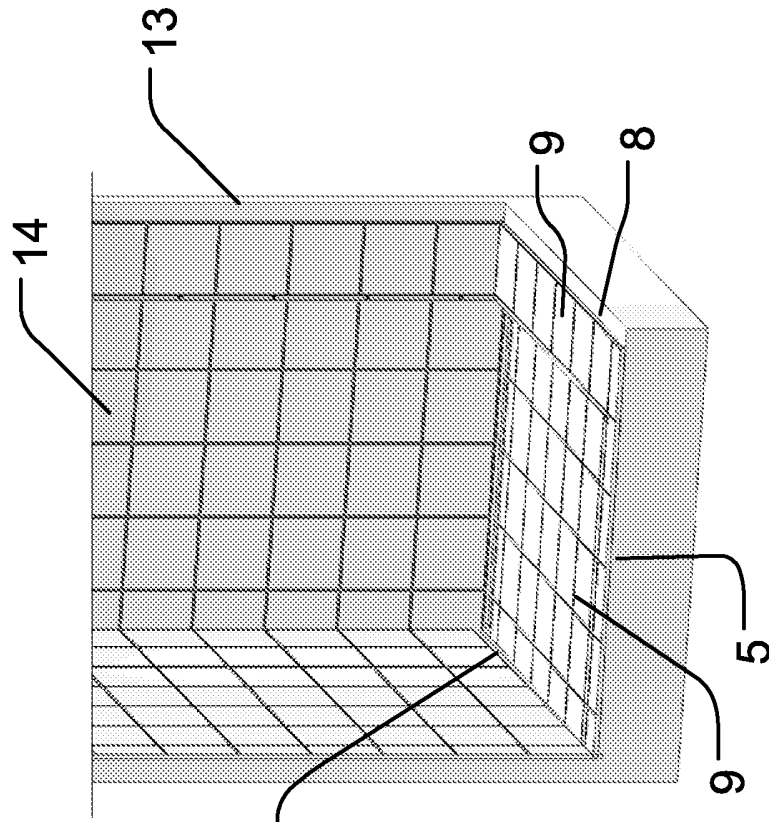


Fig. 30

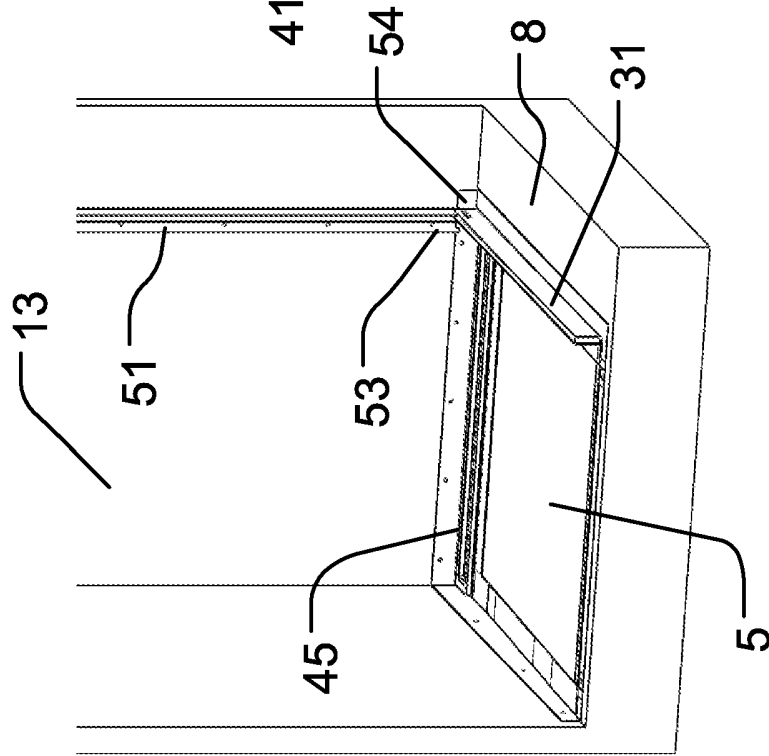


Fig. 29

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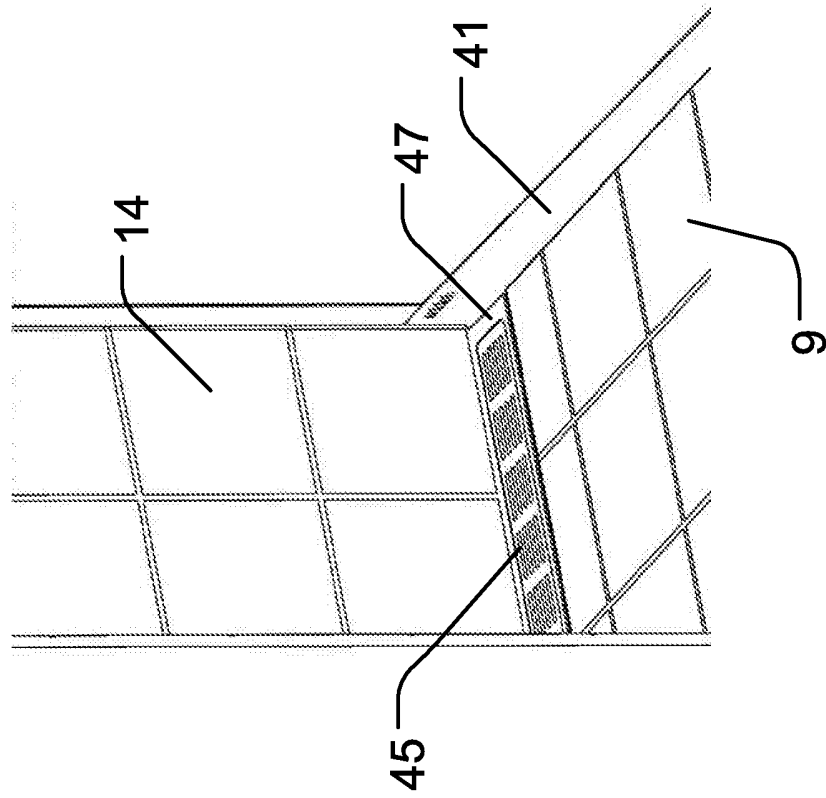


Fig. 31