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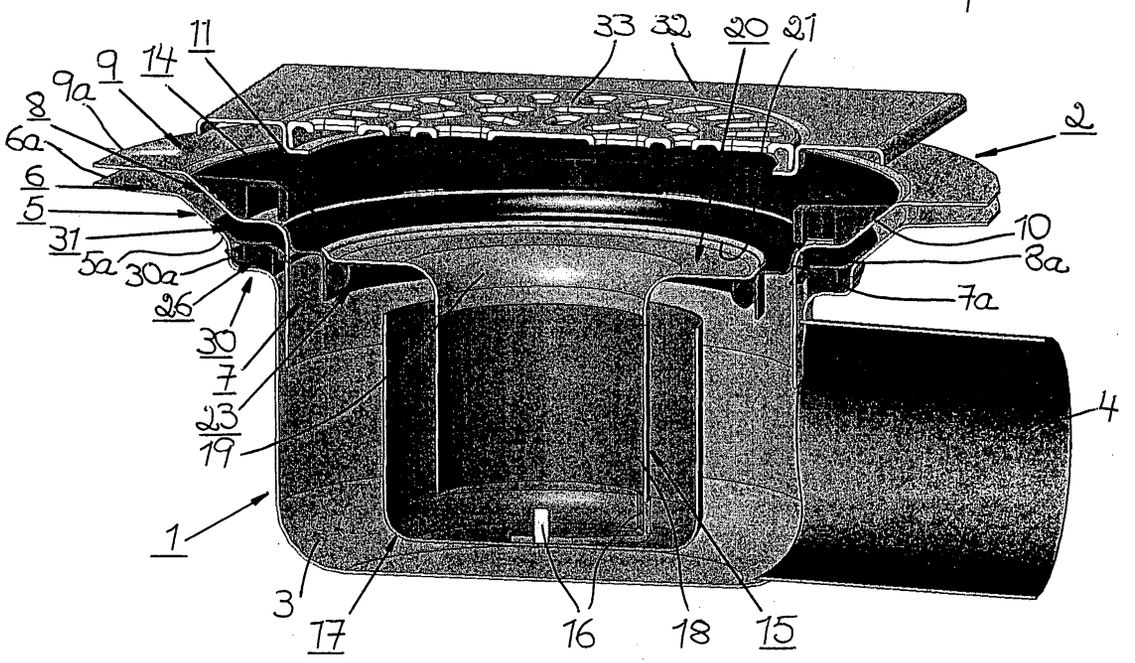
(54) Methods and devices at a gully having fixing means for an extension ring

(57) Methods and devices for building-in a gully, consisting of a gully member (1) and an extension ring member (2), into a floor or roof. The methods are characterized by a first construction step during which an eventual extension ring member (2) is held temporarily fixed to the gully member (1) in a first position in which flanges (9 and 6), by adjusting the extension ring member (2) to a second position in which its flange (9) extends horizontally and flush with the future top surface of the floor or roof structure, and by a second construction step during which the extension ring member (2) is held temporarily fixed to the gully member (1) in said horizontal position until the extension ring member (2) is finally fixed therein with the flange (9) flush with the top surface of the floor or roof structure.

The devices comprise to this end one, alternatively two fixing means (26;26,27).

Fig. 3



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Description

[0001] The present invention relates to method for, during construction of a floor or roof structure in a building, building-in a gully, consisting of a gully member with a cup-shaped inlet portion, a tubular outlet portion and a substantially in a radial direction protruding flange on top of the inlet portion, and of an extension ring member with a tubular portion protruding down into the inlet portion of the gully member and a flange protruding substantially in a radial direction from the upper end of the tubular portion protruding upwards from said inlet portion, into the floor or roof structure with at least the flange of the extension ring substantially horizontal and flush with the top surface of the floor or roof structure. The invention also relates to devices for carrying through said methods.

[0002] During construction of floor or roof structures in buildings, preferably molding of floor structures into which gullies, preferably floor gullies with extension ring members shall be built, preferably molded, the extension ring member is mounted already before construction of the floor or roof structures has begun, in the desired horizontal position flush with the future top surface of the floor or roof structure. There is a great risk that the gully with its extension ring member during construction of the floor or roof structure thereby is displaced from its desired position, whereby the function thereof might deteriorate and worse, leaks occur at the gully and the connections thereto. No correction after finishing the construction of the floor or roof structure is possible without extensive and time-consuming measures to that end.

[0003] The object of the present invention is to provide methods and devices which primarily permit adjustment of the position of the extension ring member during a later step in the construction of the floor or roof structure until said construction has progressed so far that the risk for displacement of the extension ring member from the desired position during the subsequent further construction of the floor or roof structure has been minimized, and which further permit fixation of the extension ring member in the desired position until the construction of the floor or roof structure is concluded.

[0004] The object is arrived at according to the invention by means of the methods with the characterizing measures of claims 1 and 5 respectively, and by means of the devices with the characterizing features of claims 13 and 22 respectively.

[0005] The above and other characterizing features and measures according to the invention as well as the advantages associated therewith, will be further described below with reference to the accompanying drawings, in which

fig. 1 is an exploaded perspective view of a floor gully with a device according to the invention;

fig. 2 is a longitudinal section through the floor gully of fig. 1 in assembled condition with an extension ring member in a first position relative to a floor gully member; and

fig. 3 is a longitudinal section similar to fig. 2 but with the extension ring member in a second position relative to the floor gully member.

[0006] The gully illustrated in the drawings is accordingly a floor gully, consisting of a floor gully member 1 and an extension ring member 2. The floor gully, the various members thereof and the various components therein, can be made entirely or partly of metal, e.g. cast iron, stainless steel etc., or of a suitable plastic material, unless otherwise specified.

[0007] The floor gully member 1 includes, in the illustrated embodiment, a cup-shaped inlet portion 3, a tubular laterally directed outlet portion 4 which can be connected to a discharge pipe (not shown) and, through a transition 5, a substantially in radial direction protruding flange 6 on top of the inlet portion 3.

[0008] The extension ring member 2 includes a tubular portion 7 protruding down into the inlet portion 3 of the floor gully member 1 and, through a transition 8, a flange 9 protruding substantially in a radial direction from the upper end 7a of the tubular portion 7 protruding upwards from said inlet portion 3. The transition 8 between the tubular portion 7 of the extension ring member 2 and the flange 9 thereof, is provided with a step 10 for a clamping ring 11 which is attached to the extension ring member 2 preferably by means of screws 12 which are screwed into screw attachments 13 in said step 10. On the transition 8 between the step 10 and the tubular portion 7 there is further provided, in a suitable manner, a support 14 for a waterseal tongue 15 which together with a cup 17 which in the illustrated embodiment is snapped onto (snap-on-portions 16) the waterseal tongue 15 and rests on the bottom of the cup-shaped inlet portion 3, define the waterseal of the floor gully. Except for the pipe piece 18 protruding down into the cup 17, the waterseal tongue 15 consists of a flange 20 which on top of the pipe piece 18 protrudes, through a transition 19, in a substantially radial direction and which with its edge portion 21 rests on the support 14. The edge portion 21 and the support 14 have been designed to fit closely together. However, for optimum sealing a sealing ring 22 is provided on the underside of the flange 20 at the edge portion 21, clamped between a ring support 23 which is attached to the underside of the flange and a shank 24 on the support 14 for the waterseal tongue 15. This shank 24 extends substantially perpendicular to the shank 25 on the support 14 through which said support is located on the transition portion 8a between the step 10 and the tubular portion 7 of the extension ring member 2.

[0009] In order to obtain sealing also between the floor gully member 1 and the extension ring member 2,

a packing or gasket 26 is provided between said members.

[0010] The floor gully member 1 with extension ring member 2 described above is located, during mounting thereof, in a suitable position on a location adapted for the floor gully in an arrangement of a suitable type (not shown) for constructing a floor structure. The floor gully is thereby provided with or will be provided with before the construction, i.e. preferably before casting is initiated, a protecting device in the form of a protective cover 27 which from above covers the tubular portion 7 and flange 9 of the extension ring member 2 and thereby, also the cup-shaped inlet portion 3 of the floor gully member 1, such that material from the construction, preferably cast compound, is prevented from falling down into the interior of the floor gully and get stuck therein.

[0011] The protective cover 27 is thereby at the outer periphery thereof, provided with an edge piece 28 which grasps around the outer edge portions 6a, 9a of said flanges 6, 9. The edge piece 28 is defined by an outer edge portion of the protective cover 27 which is bent downwards, alternatively downwards and back towards the center of the protective cover substantially in parallel with and at a distance from the main portion 29 of the protective cover, i.e. bent about 180°. The edge piece 28 is preferably snapped onto the outer edge portions 6a, 9a of the flanges 6, 9, whereby the protective cover 27 is held in intended position. The edge piece or outer edge portion 28 defines in the alternative embodiment (not shown) at least one surrounding, inwardly open recess for the outer edge portions 6a, 9a of the flanges 6, 9, and achieves thus, a further improved attachment of the protective cover 27 to said flanges.

[0012] Alternatively, the floor gully member 1 may initially be mounted on the intended location without the extension ring member 2. The protecting device in the form of the protective cover is in this alternative embodiment provided on the floor gully member 1 and the protective cover is at the outer periphery thereof provided with an edge piece which grasps around the outer edge portion 6a of the flange 6 of the floor gully member 1. As described above, the edge piece may be defined by an outer edge portion of the protective cover which is bent downwards substantially perpendicular to the main portion of the protective cover or is alternatively defined by an outer edge portion which is bent downwards and back towards the center of the protective cover substantially in parallel with and at a distance from the main portion of said protective cover in order to define at least one surrounding, inwardly open recess for the outer edge portion 6a of the flange 6.

[0013] The construction of the floor structure starts with a first construction or build-up step which is continued until the floor structure has been built up to (the cast compound reaches) a level just beneath the flange 6 of the floor gully member 1, whereby said floor gully member 1 is immovably fixed in the material for the floor structure. During this first construction or build-up step, the extension ring member 2, when present from the beginning, is held temporarily fixed to the floor gully member 1 in a first position in which the flanges 9 and 6 respectively, of said members extend substantially in parallel adjacent each other. This is accomplished by a first fixing means.

[0014] This fixing means may be a first fixing means which preferably is designed to grasp around at least parts of outer edge portions 6a, 9a of the flanges 6 and 9 respectively, of the floor gully member 1 and the extension ring member 2 and hold the flanges in said position substantially in parallel with each other. The first fixing means may to this end have any suitable shape, e.g. consist of one or more clamps of varying circular section extension. In the embodiment shown however, the first fixing means is defined by said protective cover 27 which protects the interior of the floor gully from material from the construction of the floor structure, i.e. preferably cast compound such as concrete, and which due to its design provides for good fixation of the extension ring member 2 to the floor gully member 1.

[0015] After having completed the first construction or build-up step, the protective cover 27 is removed from the flanges 6 and 9 respectively, of the floor gully member 1 and the extension ring member 2. If the protective cover is not designed to grasp around both flanges 6, 9 of said members 1, 2, but e.g. only grasps around the flange 9 of the extension ring member 2, the protective cover may remain seated thereon until the construction of the floor structure is entirely completed. The risk however, that material from said construction shall fall down into the interior of the floor gully after completion of the first build-up step is small. At the abovementioned alternative method where the extension ring member 2 initially is missing, the protective cover must be removed. If there are first fixing means of another type than said protective cover, these might eventually also have to be removed.

[0016] When the protective cover has been removed, the extension ring member 2, when initially not present, is located in the floor gully member 1. With the extension ring member 2 in position in the floor gully member 1, the extension ring member 2 is adjusted as required relative to the floor gully member 1. Adjustment is needed if the floor gully in any way has been dislodged from the preferably substantially horizontal position in which it was placed before the construction of the floor structure started and/or if the future floor surface will lie on another level than that where the flange 9 of the extension ring member 2 is found after the first build-up step. Adjustment is then carried through to a second position in which the flange 9 of the extension ring member 2 extends substantially horizontally and flush with the future floor surface.

[0017] After the adjustment, a second construction or build-up step is carried through; here preferably also casting with concrete as cast compound or filling with

putty compound or filler. During this second construction or build-up step, the extension ring member 2 is held temporarily fixed to the floor gully member 1 in said horizontal position until, through said second build-up step, the extension ring member 2 is finally fixed in the horizontal position with the flange 9 thereof flush with the floor surface or top surface of the floor structure. The second build-up step is carried through with the help of a fixing means of a suitable type.

[0018] If the extension ring member 2 from the beginning has been located in the floor gully member 1, this fixing means may, as in the illustrated embodiment, be a second fixing means which is a complement to the first fixing means. Alternatively, this fixing means may be the same fixing means which during said first build-up step held the extension ring member temporarily fixed to the floor gully member in said first position with the flanges 6, 9 of said members running substantially in parallel adjacent each other.

[0019] In a suitable embodiment this second fixing means or alternatively, said one and same fixing means, is designed to resiliently or elastically yielding engage, from the outside, the tubular portion 7 of the extension ring member 2. It will hereby be possible during adjustment of the extension ring member 2 relative to the floor gully member 1 before the second build-up step is initiated, to turn and rotate the extension ring member 2 as required and tilt it relative to the floor gully member 1 if necessary, while simultaneously the fixing means engages the extension ring member 2 with such force that it effectively retains the extension ring member in any new set position. Hereby, the fixing means preferably consists of an annular gasket or elastic material, e.g. plastic or rubber, preferably the abovementioned gasket 26 for sealing between the floor gully member 1 and the extension ring member 2. For rendering it possible for the gasket 26 to safely fulfil its fixing as well as sealing function eventually during said first build-up step, during said adjustment as required and during the subsequent second build-up step and thereby not itself get out of position, said gasket 26 is provided on a step 30 in the transition 5 between the cup-shaped inlet portion 3 of the floor gully member 1 and its flange 6. For optimum fixing and sealing function the gasket 26 preferably has a radially inwards directed sealing lip 26a which resiliently engages the outside of the tubular portion 7 of the extension ring member 2, and a radially outwardly directed sealing lip 26b which resiliently engages a step surface 30a substantially opposite to the tubular portion 7 of the extension ring member 2. In order to further ensure that the gasket 26 remains in desired position for optimum fixing and sealing function, a preferably annular gasket support 31 is provided, which in the illustrated embodiment is attached to a transition surface 5a between the step 30 (step surface 30a) and the flange 6 on the floor gully member 1 and designed such that it protrudes radially inwards towards the extension ring member 2 and engages the gasket 26 from above. The gasket support 31 may be designed in other ways. Instead of covering the entire gasket 26 from above, the gasket support may alternatively consist of e.g. three or four tongue-like support portions (not shown) with the same cross-sectional shape as the gasket support 31 and with the same location.

[0020] After having completed the construction of the floor structure, the protective cover 27 is removed if this has not been done previously. A floor mat or sealing mat (not shown) is laid on top of the floor structure and is inserted into the floor gully and clamped under the clamping ring 11 therein in a conventional manner. Instead of the protective cover, a removable grating is then placed on top of the clamping ring 11 or, if e.g. a clinker floor shall be laid on top of the sealing mat, a transition ring 32 with a removable grating 33.

[0021] It is obvious to a skilled person that the present invention can be modified and amended within the scope of the subsequent claims without departing from the idea and purpose of the invention. Thus, the gully and its various members and the components thereto may, as defined, be designed and arranged in many different ways, and the material they can be made of may also vary. The gully may e.g. be another gully than a floor gully (e.g. a roof gully) and also of another type than side-dumping (e.g. bottom dumping). The floor structure may instead be a roof structure.

Claims

1. Method for, during construction of a floor or roof structure in a building, building-in a gully, consisting of a gully member (1) with a cup-shaped inlet portion (3), a tubular outlet portion (4) and a substantially in a radial direction protruding flange (6) on top of the inlet portion, and of an extension ring member (2) with a tubular portion (7) protruding down into the inlet portion of the gully member and a flange (9) protruding substantially in a radial direction from the upper end (7a) of the tubular portion protruding upwards from said inlet portion, into the floor or roof structure with at least the flange of the extension ring substantially horizontal and flush with the top surface of the floor or roof structure,
   characterized in
   that the gully member (1) without extension ring member (2) is placed at a location intended therefor in an arrangement for constructing or building-up the floor or roof structure,
   that a first construction or build-up step is carried through, during which the floor or roof structure is built up for secure attachment of the gully member (1) therein,
   that the extension ring member (2) after conclusion of the first build-up step is placed in the gully member (1) and adjusted as required relative to said gully member to a position in which the flange (9) of

the extension ring member (2) extends substantially horizontally and flush with the future top surface of the floor or roof structure, and

that a second construction or build-up step is carried through, during which the extension ring member (2) is temporarily fixed to the gully member (1) in said horizontal position until the extension ring member (2) through said second build-up step is finally fixed in this position with the flange (9) thereof flush with the top surface of the floor or roof structure.

2. Method according to claim 1, **characterized in that** after the first build-up step but prior to placing the extension ring member (2) in the gully member (1), a protecting device is released from the flange (6) of the gully member (1) and removed from the floor gully (1), said protecting device preventing material for build-up of the floor or roof structure from falling down into the interior of the gully member (1) during said first build-up step.

3. Method according to claim 1 or 2, **characterized in that** the extension ring member (2) is adjusted relative to the gully member (1) against the fixation force from said fixing means.

4. Method according to claim 3, **characterized in that** the extension ring member (2) is held temporarily fixed to the gully member (1) in said horizontal position by the fixation force from a fixing means (26).

5. Method for, during construction of a floor or roof structure in a building, building-in a gully, consisting of a gully member (1) with a cup-shaped inlet portion (3), a tubular outlet portion (4) and a substantially in a radial direction protruding flange (6) on top of the inlet portion, and of an extension ring member (2) with a tubular portion (7) protruding down into the inlet portion of the gully member and a flange (9) protruding substantially in a radial direction from the upper end (7a) of the tubular portion protruding upwards from said inlet portion, into the floor or roof structure with at least the flange of the extension ring substantially horizontal and flush with the top surface of the floor or roof structure,

characterized in

that the gully member (1), with extension ring member (2) is placed at a location intended therefor in an arrangement for constructing or building-up the floor or roof structure,

that a first construction or build-up step is carried through, during which the floor or roof structure is built up for secure attachment of the gully member (1) therein,

that the extension ring member (2) during said first build-up step is held temporarily fixed to the gully member (1) in a first position in which the flanges (9 and 6 respectively) of said members extend substantially in parallel adjacent each other,

that the extension ring member (2) after conclusion of the first build-up step is adjusted as required relative to the gully member (1) to a second position in which the flange (9) of the extension ring member (2) extends substantially horizontally and flush with the future top surface of the floor or roof structure, and

that a second construction or build-up step is carried through, during which the extension ring member (2) is temporarily fixed to the gully member (1) in said second horizontal position until the extension ring member (2) through said second build-up step is finally fixed in this position with the flange (9) thereof flush with the top surface of the floor or roof structure.

6. Method according to claim 5, **characterized in that** the extension ring member (2) is held temporarily fixed to the gully member (1) in said first position and is held temporarily fixed in said second, horizontal position by the fixation from one and the same fixing means (26).

7. Method according to claim 5, **characterized in that** the extension ring member (2) is held temporarily fixed to the gully member (1) in said first position by the fixation force from a first fixing means (27) and is held temporarily fixed in said second, horizontal position by the fixation force from a second fixing means (26).

8. Method according to claim 7, **characterized in that** said first fixing means (27), after the first build-up step but before the extension ring member (2) is adjusted relative to the gully member (1), is released from the flanges (6, 9) of said members (1, 2).

9. Method according to any of claims 6-8, **characterized in that** after the first build-up step but before the extension ring member (2) is adjusted relative to the gully member (1), a protecting device which prevents material for build-up of the floor or roof structure from falling down into the interior of the gully during said first build-up step, is released from the flanges (6, 9) of said members (1, 2) and removed from the gully.

10. Method according to claim 8, **characterized in that** said first fixing means consists of a protecting device which prevents material for build-up of the floor or roof structure from falling down into the interior of the gully during the first build-up step, and that this protecting device, after having been released from the flanges (6, 9) of the gully member (1) and the extension ring member (2), is removed from the gully.

11. Method according to any of claims 6-10, **characterized in that** the extension ring member (2) is adjusted relative to the gully member (1) against the fixation force from said fixing means (26) and said second fixing means (26) respectively.

12. Method according to any of claims 1-11, **characterized in that** the floor or roof structure during the first construction or build-up step is built up to a level just beneath the flange (6) of the gully member (1).

13. Device for carrying through the method according to claim 1 to permit, during construction or build-up of a floor or roof structure in a building, building-in of a gully consisting of a gully member (1) with a cup-shaped inlet portion (3), a tubular outlet portion (4) and a substantially in a radial direction protruding flange (6) on top of the inlet portion, and of an extension ring member (2) with a tubular portion (7) protruding down into the inlet portion of the gully member and a flange (9) protruding substantially in a radial direction from the upper end (7a) of the tubular portion protruding upwards from said inlet portion, into the floor or roof structure with at least the flange of the extension ring member substantially horizontal and flush with the top surface of the floor or roof structure,
characterized in that the device comprises
a fixing means (26) for, during a second construction or build-up step, after a first construction or build-up step during which the floor or roof structure is built up for attachment of the gully member (1) therein and after location of the extension ring member (2) in the gully member (1) and adjustment as required thereof relative to the gully member (1) to a position in which the flange (9) of the extension ring member (2) extends substantially horizontally and flush with the future top surface of the floor or roof structure, holding the extension ring member (2) temporarily fixed to the gully member (1) in said horizontal position until the extension ring member (2) through said second build-up step is finally fixed in this position with the flange (9) thereof flush with the top surface of the floor or roof structure.

14. Device according to claim 13, **characterized in that** a protecting device is provided on the gully member (1) for preventing material for construction or build-up of the floor or roof structure from falling down into the interior of the gully member (1) during the first build-up step.

15. Device according to claim 14, **characterized in that** the protecting device consists of a protective cover which, at the outer periphery thereof, is provided with an edge piece which grasps around the outer edge portion (6a) of the flange (6) of the gully member (1).

16. Device according to claim 15, **characterized in that** the edge piece is defined by an outer edge portion of the protective cover which is bent downwards substantially perpendicular to the main portion of the protective cover.

17. Device according to claim 15, **characterized in that** the edge piece is defined by an outer edge portion of the protective cover which is bent downwards and back towards the centre of the protective cover substantially in parallel with and at a distance from the main portion of the protective cover, thereby defining at least one surrounding, inwardly open recess for the outer edge portion (6a) of the flange (6).

18. Device according to any of claims 13-17, **characterized in that** the fixing means (26) is designed to resiliently engage the tubular portion (7) of the extension ring member (2) from the outside.

19. Device according to claim 18, **characterized in that** the fixing means consists of an annular gasket (26) of elastic material which is located on a step (30) in the transition (5) between the cup-shaped inlet portion (3) of the gully member (1) and its flange (6).

20. Device according to claim 19, **characterized in that** the annular gasket (26) has a radially inwards directed sealing lip (26a) which resiliently engages the outside of the tubular portion (7) of the extension ring member (2), and a radially outwardly directed sealing lip (26b) which resiliently engages a surface (30a) in said step (30) in the transition (5) between the cup-shaped inlet portion (3) of the gully member (1) and its flange (6).

21. Device according to claim 19 or 20, **characterized in that** the gasket (26) is held in position on the step (30) by a preferably annular gasket support (31) which is attached to a transition surface (5a) between the step (30) and the flange (6) of the gully member (1) and which engages the gasket (26) from above.

22. Device for carrying through the method according to claim 4 to permit, during construction or build-up of a floor or roof structure in a building, building-in of a gully consisting of a gully member (1) with a cup-shaped inlet portion (3), a tubular outlet portion (4) and a substantially in a radial direction protruding flange (6) on top of the inlet portion, and of an extension ring member (2) with a tubular portion (7) protruding down into the inlet portion of the gully member and a flange (9) protruding substantially in a radial direction from the upper end (7a) of the tubular portion protruding upwards from said inlet portion, into the floor or roof structure with at least the

flange of the extension ring member substantially horizontal and flush with the top surface of the floor or roof structure,
characterized in that the device comprises
a fixing means (26; 27) for, during a first construction or build-up step during which the floor or roof structure is built up for attachment of the gully member (1) therein, holding the extension ring member (2) temporarily fixed to the gully member (1) in a first position in which the flanges (9 and 6 respectively) of said members extend substantially in parallel adjacent each other, and
a fixing means (26) for during a second construction or build-up step, after said first build-up step and after adjustment as required of the extension ring member (2) relative to the gully member (1) to a second position in which the flange (9) of the extension ring member (2) extends substantially horizontally and flush with the future top surface of the floor or roof structure, holding the extension ring member (2) temporarily fixed to the gully member (1) in said second horizontal position until the extension ring member (2) through said second build-up step is finally fixed in this position with the flange (9) thereof flush with the top surface of the floor or roof structure.

23. Device according to claim 22, **characterized in that** said fixing means for holding the extension ring member (2) temporarily fixed to the gully member (1) in said first position and for holding the extension ring member (2) temporarily fixed in said second, horizontal position, is one and the same fixing means.

24. Device according to claim 23, **characterized in that** a protecting device is provided on the gully for preventing material for construction or build-up of the floor or roof structure from falling down into the interior of the gully during the first build-up step.

25. Device according to claim 22, **characterized in that** said fixing means for holding the extension ring member (2) temporarily fixed to the gully member (1) in said first position is a first fixing means (27), and for holding the extension ring member (2) temporarily fixed in said second, horizontal position, a second fixing means (26).

26. Device according to claim 25, **characterized in that** said first fixing means (27) is designed to grasp around at least parts of outer edge portions (6a, 9a) of the flanges (6, 9) of the gully member (1) and the extension ring member (2) and hold the flanges (6, 9) in a substantially parallel position adjacent each other.

27. Device according to claim 26, **characterized in that** the first fixing means consists of a protecting device (27) for preventing material for construction or build-up of the floor or roof structure from falling down into the interior of the gully during the first build-up step.

28. Device according to claim 27, **characterized in that** the protecting device consists of a protective cover (27) which, at the outer periphery thereof, is provided with an edge piece (28) which grasps around the outer edge portions (6a, 9a) of said flanges (6, 9).

29. Device according to claim 28, **characterized in that** the edge piece (28) is defined by an outer edge portion (28) of the protective cover (27) which is bent downwards substantially perpendicular to the main portion (29) of the protective cover (27).

30. Device according to claim 28, **characterized in that** the edge piece (28) is defined by an outer edge portion (28) of the protective cover (27) which is bent downwards and back towards the centre of the protective cover (27) substantially in parallel with and at a distance from the main portion (29) of the protective cover (27), thereby defining at least one surrounding, inwardly open recess for the outer edge portions (6a, 9a) of the flanges (6, 9).

31. Device according to any of claims 22-30, **characterized in that** said fixing means (26) and said second fixing means (26) respectively, is designed to resiliently engage the tubular portion (7) of the extension ring member (2) from the outside.

32. Device according to claim 31, **characterized in that** said fixing means and said second fixing means respectively, consists of an annular gasket (26) of elastic material which is located on a step (30) in the transition (5) between the cup-shaped inlet portion (3) of the gully member (1) and its flange (6).

33. Device according to claim 32, **characterized in that** the annular gasket (26) has a radially inwards directed sealing lip (26a) which resiliently engages the outside of the tubular portion (7) of the extension ring member (2), and a radially outwardly directed sealing lip (26b) which resiliently engages a surface (30a) in said step (30) in the transition (5) between the cup-shaped inlet portion (3) of the gully member (1) and its flange (6).

34. Device according to claim 32 or 33, **characterized in that** the gasket (26) is held in position on the step (30) by a preferably annular gasket support (31) which is attached to a transition surface (5a) between the step (30) and the flange (6) of the gully

member (1) and which engages the gasket (26) from above.

Fig.1

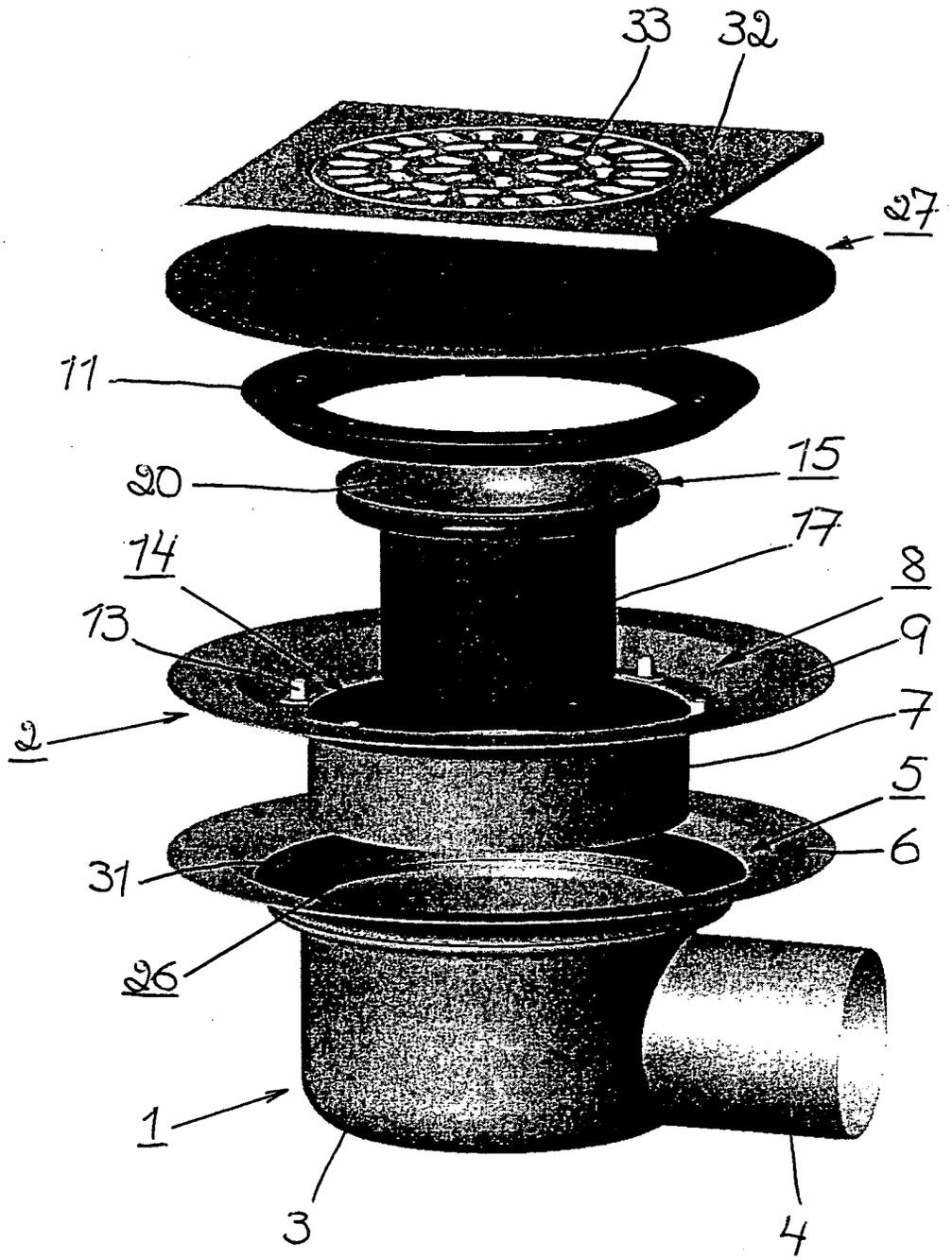

Fig. 2

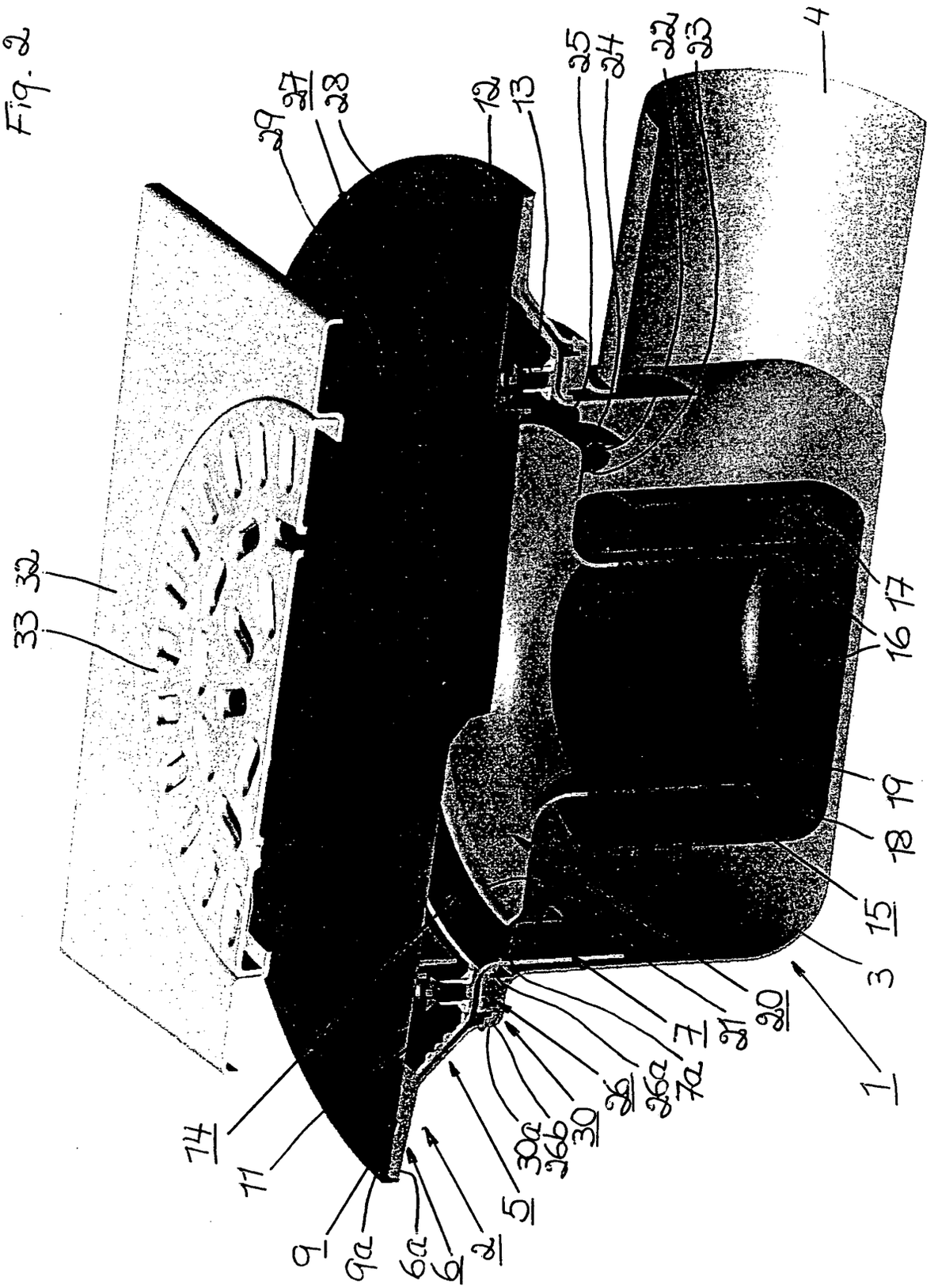
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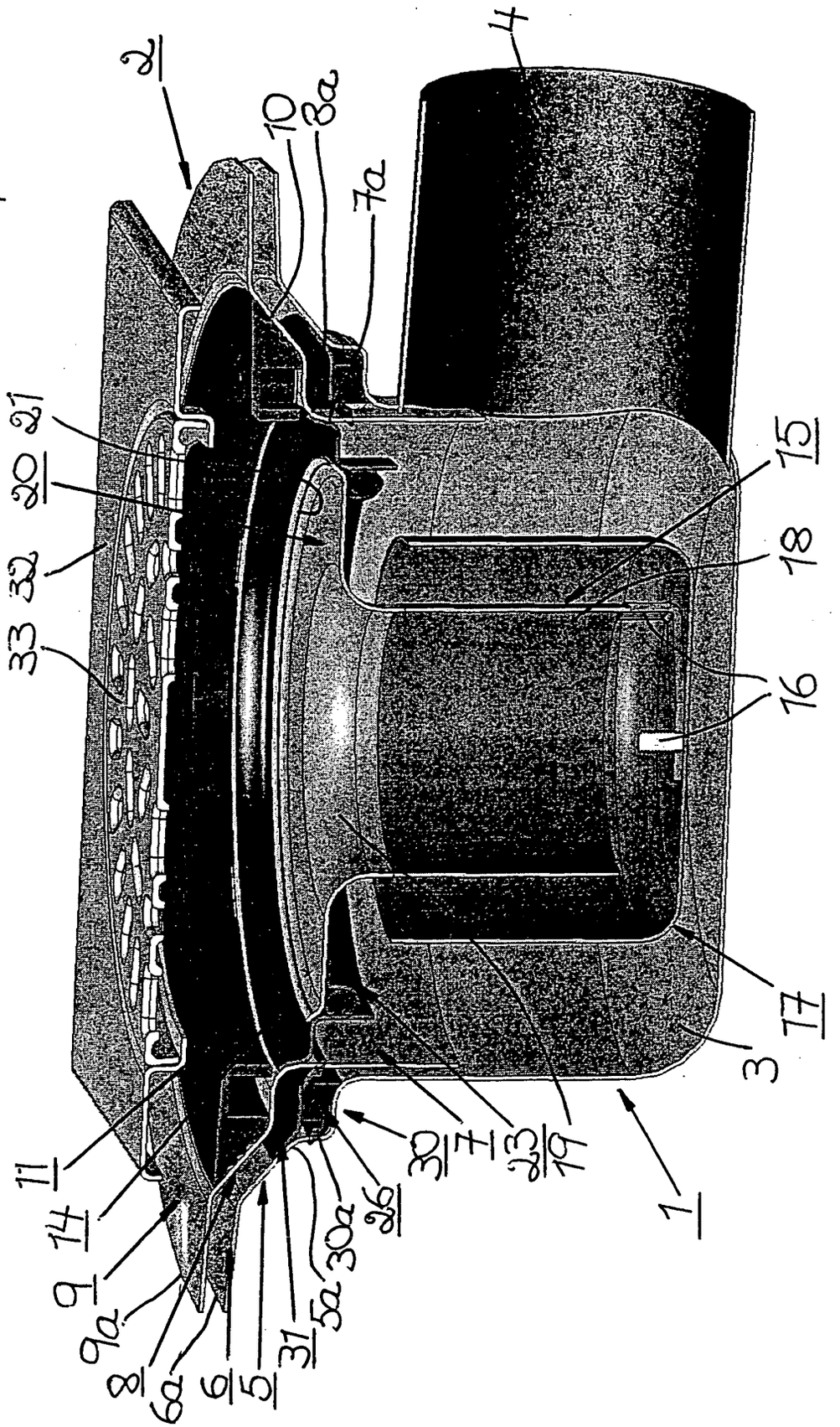
Fig. 3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