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(54) **Partition**

(57) Partition with near the joint with the floor or ceiling two parallel channels with an electricity lead, extending through blocks (2) and a continuous profile (3). The

block (2) has two mutually spaced sheaths, each containing a fitting (8) and a channel and coupled at the top. A plinth (5) is mounted to the block (2). The mineral walls (1) bear onto the block (2).

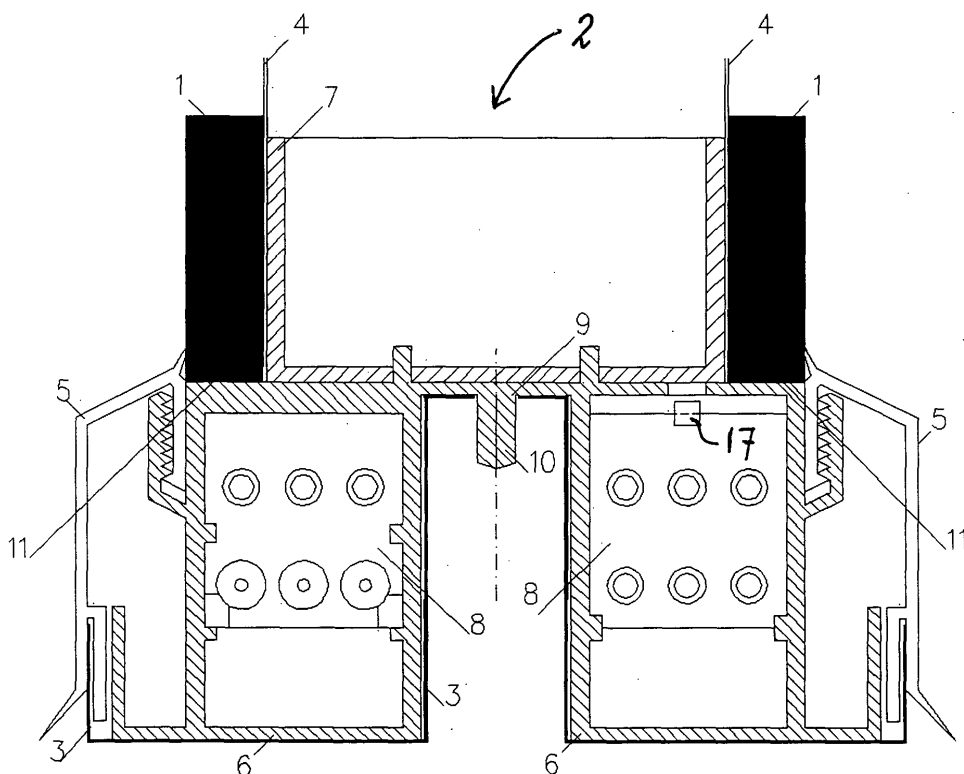


fig 2

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Description

[0001] A building facility is proposed to simplify the erection and modification of technical installations in buildings, e.g. houses, offices, etc.

[0002] It is thus proposed to provide a channel in the partition near the joint with the floor or ceiling, running parallel to the floor or ceiling and at the most partly projecting sideways from said partition and designed to contain a technical installation, such as one or more leads, couplings, splices, etc.

[0003] According to a preferred embodiment use is made of a separate element at the top or lower edge of the partition and with which said channel is provided. Preferably use is made of a plurality of relatively short such elements, located mutually spaced along the length of the partition. Said spacing is preferably substantially bigger than said element length.

[0004] The drawing of an example shows in:

Fig. 1 a side view of a part of a partition;

Fig. 2 the cross section according to line II-II in fig. 1;

Fig. 3, 4, 5 respectively a top, end and side view of a part;

Fig. 6 the part of fig. 3-5 with splice box (in broken line);

Fig. 7, 8 respectively an end and top view of still another part;

Fig. 9 an end view of again another part;

Fig. 10, 11 respectively an end and side view of a splice box.

[0005] The illustrated partition is of the space frame type and provided by a horizontal profile 3, continuous extending over the complete length of the partition and merging with the floor, a continuous plinth 5, vertical profiles 4 and the space between the profiles 3, 4 covering panels 1. The profiles 3, 4, 5 are e.g. of wood, plastic, cardboard or metal (sheet steel); the panels 1 are e.g. of wood or mineral(cardboard).

[0006] Profile 3 provides the dimensions of the partition and has, based on the panel width, mutually spaced holes 9.

[0007] Along the length of the profile 3, blocks 2 are provided with mutual spacing and are part of the partition. A profile 4 bears on a relevant block 2. Thus a space is provided below the profiles 4 and panels 1 for a channel for the technical installation. This channel is provided behind the plinth 5.

[0008] In the illustrated embodiment there are two such mutually parallel channels, each partly within and partly sideways outside the partition and delimited between plinth 5 and vertical wall of profile 3, extending over virtually the complete height (view fig. 2). However, a single channel or more than two is also feasible.

[0009] At a block 2 the channel is divided in two parallel sub channels, one of which is used for fixing (with interference fit) of an electrotechnical splice box 8 or other fitting.

At the location of a block 2 there remains sufficient space in the channel for passage of leads external from the fitting 8.

[0010] The block 2 is comprised of a basic part 6 and a separate top part 7, which however can be integrated. The shape of the top part 7 depends on the type of profile 4 applied. The pins 10 of the basic part are put in the holes 9 by which supporting faces 11 of basic part 6 obtain the correct position to support the panels 1.

[0011] The basic part 6 is substantially provided by two sheaths, coupled at the top and mutually spaced. The basic part bears the panels 1, holds the top parts 7 by the projections 12, holds the plinth 5 with the elements 13 and 14 and contains a fitting 8.

[0012] To hold the splice box 8, the basic part 6 has a guide 16, an elastic latching tongue and a stop 18. The fitting 8 is shifted in the direction of arrow A (fig. 6) in the basic part 6, over the guide 16 and against the stop 18 wherein the latching tongue 17 snaps behind an edge of the fitting 8.

[0013] The plinth 5 has a flange 20 received between the upright wall of the profile 3 and the block 2. It also has a flange 19 with hook to engage with a hook at the flange 13 of the block, for level adjustment. Thus the level of the plinth can be adapted to e.g. the thickness of the floor covering.

[0014] From the channel behind the plinth 5 a lead can extend upwards through the partition towards a connecting point in the partition or the ceiling, e.g. a socket or switch, mounted to the partition (particularly panel 1).

[0015] Viewing the drawing upside down relates to the application of the block 2 near the ceiling.

Claims

1. Partition with near the joint with the floor or ceiling one or more parallel channels, running parallel to floor or ceiling, at the most partly sideways extending from said partition and each containing a technical installation, such as one or more (electricity) leads, couplings, splices, etc.
2. Wall according to claim 1, wherein a channel extends along or through a separate element (2), of which e.g. a plurality is provided with mutual spacing along the channel, or a channel extends through or along a separate elongated, preferably hat shaped profile (3).
3. Wall according to claim 2, wherein above the element (2) an upright profile (4) or wall panel (1) of the wall extends and bears on the element (2).
4. Wall according to claim 2 or 3, wherein the element (2) or profile (3) has separation means to separate two channels, e.g. the element (2) has two mutually spaced sheaths, coupled at the top, each contain-

ing a fitting (8) and a channel.

5. Wall according to claim 2, 3 or 4, wherein the element (2) has means (9, 10, 13, 14, 16, 17, 18) to mount the profile (3), a plinth (5) or fitting (8). 5
6. Wall according to claims 2, 3, 4 or 5, wherein a plinth (5) has means (19, 20) to mount to the element (2) or profile (3), e.g. level adjustable by surface roughness (element 13). 10
7. Wall according to claim 2, 3, 4, 5 or 6, wherein the element (2) has a stop (7) against which a wall panel (1) bears. 15
8. Wall according to any of the preceeding claims, wherein the element (2) is positioned onto the profile (3), the profile (3) projects outside the element (2) at both sides, the profile (3) has an upward extending wall with at both sides thereof a channel, wall panel (1) and wall profile (4) are above element (2) and profile (3). 20
9. Element (2) or profile (3), designed for a wall according to any of the preceeding claims. 25

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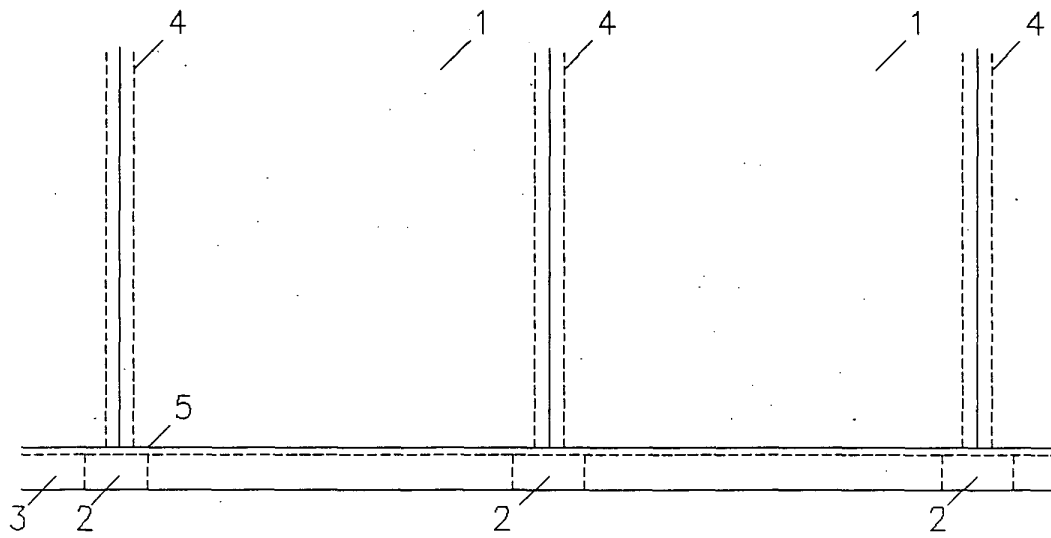


fig 1

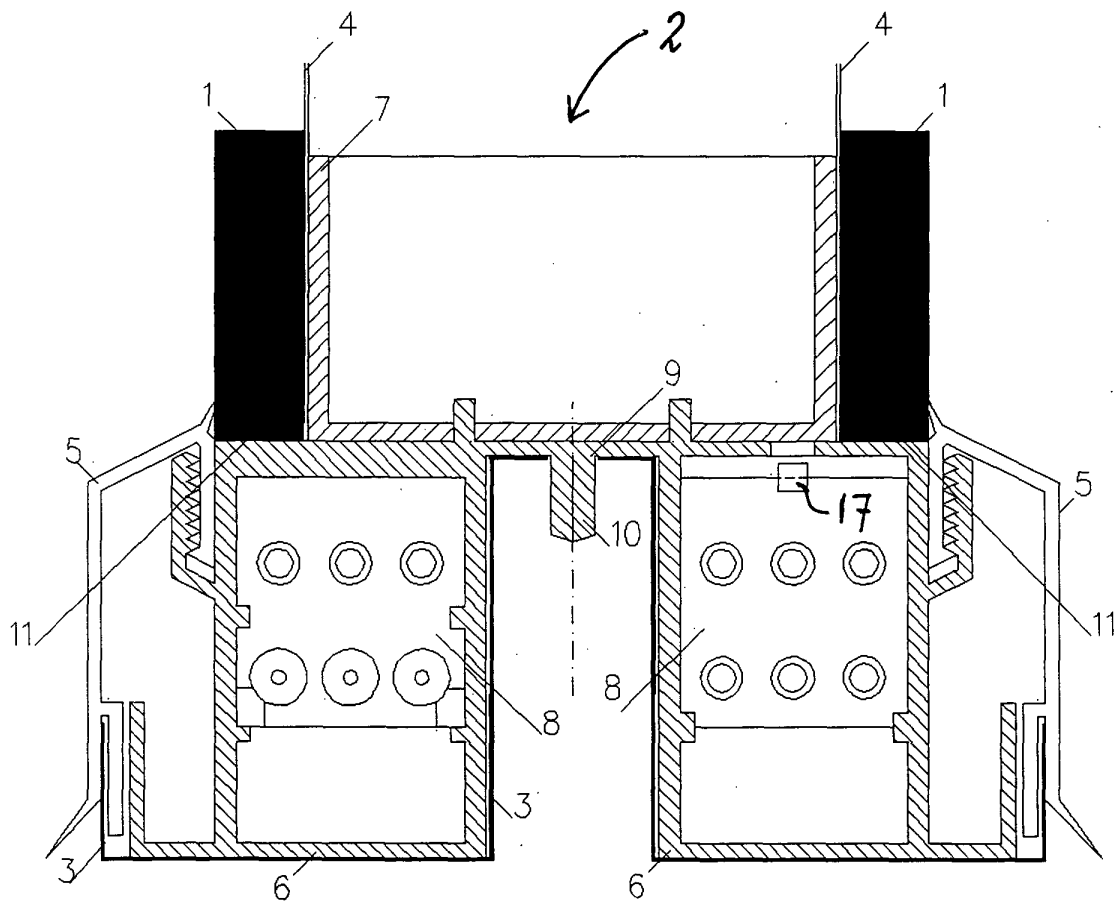
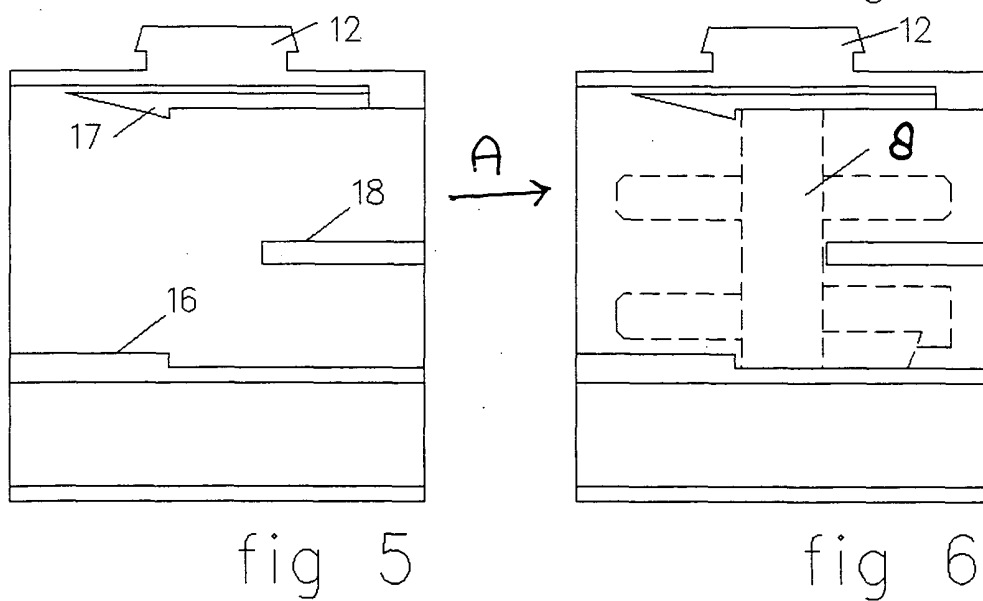
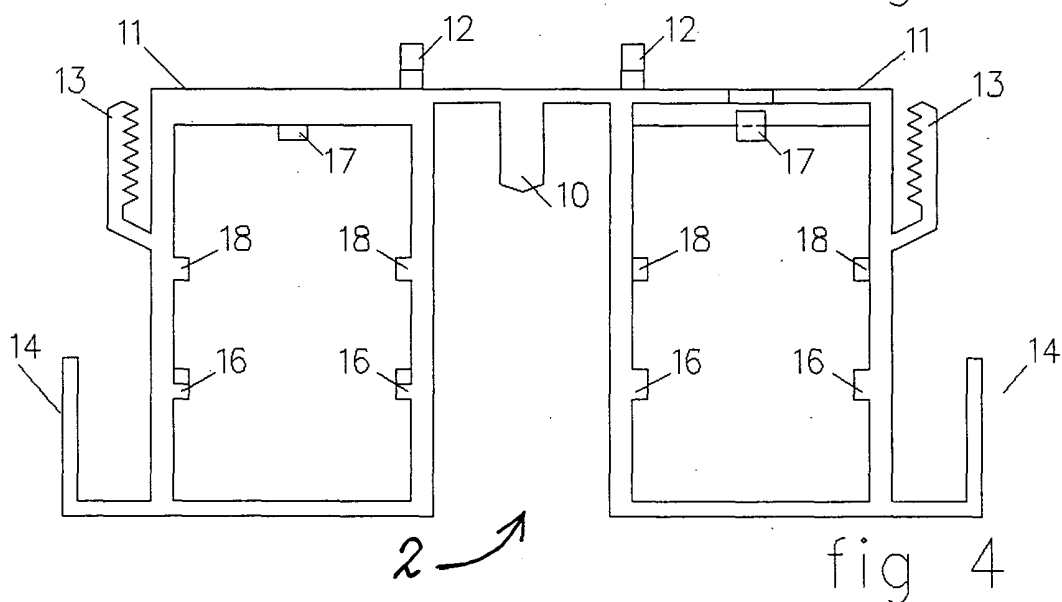
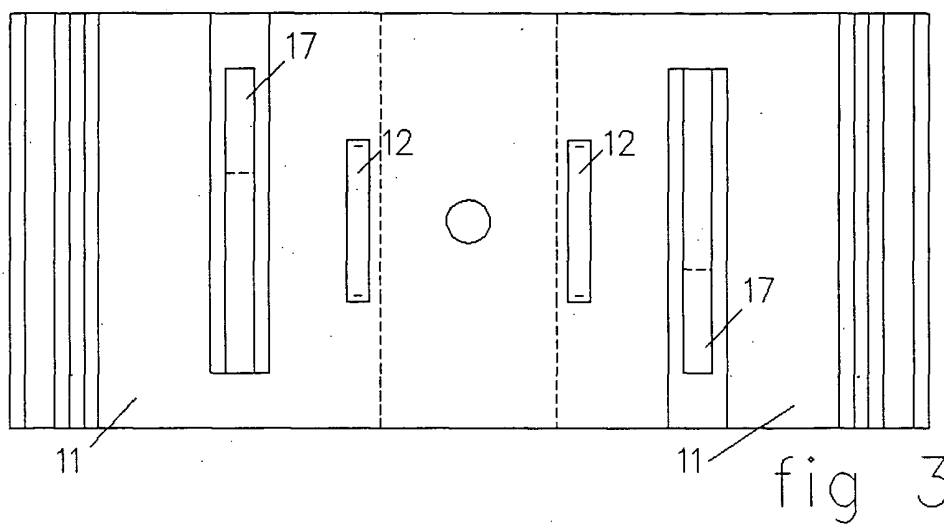


fig 2



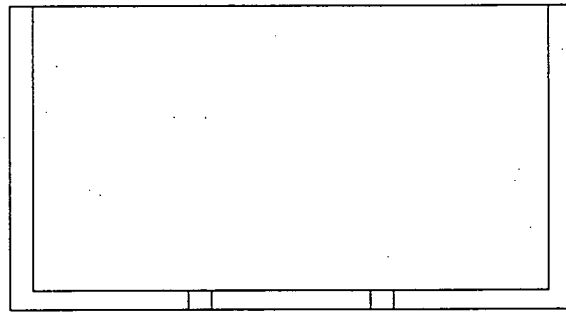


fig 7

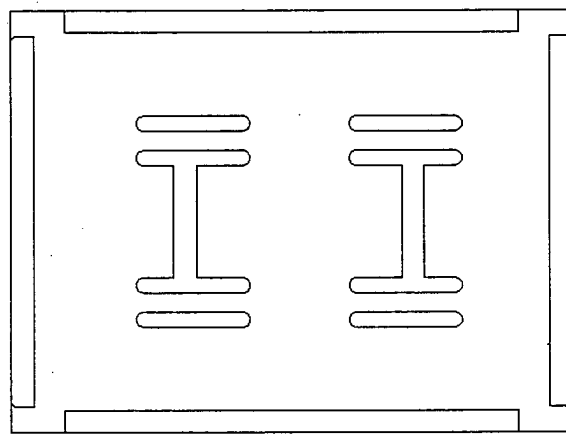


fig 8

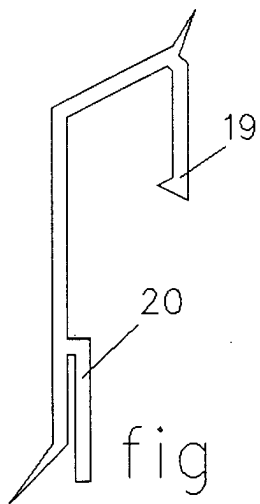


fig 9

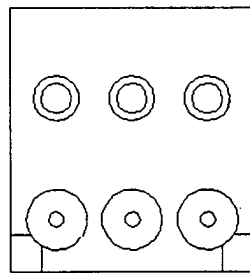


fig 10

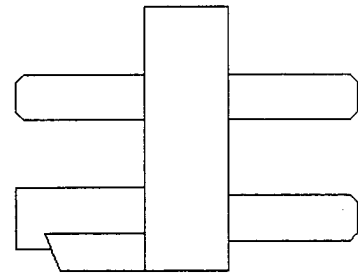


fig 11