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(54) **AN ADJUSTABLE BASE FOR SUPPORTING A PIECE OF FURNITURE, A PIECE OF FURNITURE AND A COOKING FUME EXTRACTION APPARATUS**

(57) Adjustable base (1) for supporting a piece of furniture comprising: a first and a second longitudinal member (2) arranged facing and extending along a first extension direction (L) between a front portion (2a) and a rear portion (2b); a front cross member (7) connected to the front portions (2a) of the longitudinal members (2); a rear cross member (9) extending parallel to the front cross member (7) and connected or connectable to said longitudinal members (2); a vertical partition (10) extending orthogonally with respect to the longitudinal members (2) so as to divide the internal volume (V) of the piece of furniture (100) into an operating volume (VO) and into a technical compartment (VT). In particular, the rear cross

member (9) is reversibly movable with respect to the front cross member (7) along a movement direction (M) parallel to the first extension direction (L) at least between a distal position, in which the rear cross member (9) is connected to the rear portions (2b) of the longitudinal members (2) and the vertical partition (10) defines a condition of maximum extension of said operating volume (VO), and a proximal position, in which the rear cross member (9) is connected to two respective intermediate portions (2c) of the longitudinal members (2) and the vertical partition (10) defines a condition of minimum extension of the operating volume (VO).

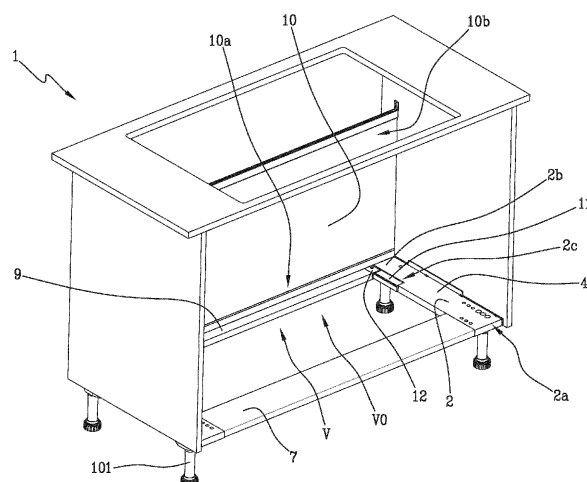


Fig.1

Description

[0001] The present invention relates to an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus. In particular, the present invention finds wide application in the field of kitchen furniture adapted to support appliances such as hoods for the extraction of the vapours generated when cooking food.

[0002] Alternatively, the present invention finds use also in cases: under a sink in an island kitchen in which the discharges and loads come from the floor, or for the placement of waste disposals, or for the installation of other equipment not expressly mentioned herein.

[0003] Currently the extraction hoods present on the market are differentiated into two main types: extracting hoods and filter hoods.

[0004] The extracting hood is an appliance which is used to capture the vapours and odours produced by the food being cooked and convey them outside the house. Usually positioned above the hob, this type of hood extracts air thanks to the action of an electric fan placed therein. The extracted air, saturated with vapours and odours, passes through a system of grease filters which purifies it. Such filters can be made of different materials, such as aluminium and steel, which make them washable and reusable. After being filtered, the extracted air is conveyed outside the kitchen through a special pipe.

[0005] Unlike the extracting hood, the filter hood does not need a pipe towards the outside. In fact, the filter hood collects, filters and purifies the air so as to retain the odours, fumes and greases which are released in the kitchen during the preparation of meals and returns clean air into the same environment. In practice, once purified of the most harmful substances, the air collected by the filter hood is returned to the same environment. For effective operation, the filter hood must comprise adequate ventilation systems, such as electric fans and ventilation holes, to allow a greater and more efficient air exchange.

[0006] Generally, to make home furnishings more aesthetically homogeneous, such as in the kitchen, it is customary to recess household appliances inside furniture produced with the same style and material as the rest of the room. Therefore, hoods which can be recessed inside furniture have been developed, creating for example solutions such as induction hobs with integrated extraction hood.

[0007] In accordance with such solutions, the hood has an opening located directly on the cooking hob through which it extracts the vapours generated thanks to an extraction device housed inside the piece of furniture.

[0008] In particular, a vertical partition defines a technical volume inside the piece of furniture, between the kitchen wall and the vertical partition within which the extraction device is housed, and a containment volume, usable, for example, for the containment of supplies.

[0009] Disadvantageously, the connection of the partition to the piece of furniture must be carried out by spe-

cialised personnel during the installation of the system.

[0010] In particular, during the construction of the piece of furniture, special milling is carried out on the inner side walls of the piece of furniture so that they define shoulders adapted to receive the vertical partition in abutment. Such milling must be sufficiently far from the kitchen wall so as to ensure that the aforementioned technical volume has sufficient space to house the extraction device, a space which can no longer be modified during the assembly of the piece of furniture.

[0011] Disadvantageously, the poor accessibility to the inner walls of the piece of furniture makes the milling and fixing operations particularly uncomfortable and long.

[0012] Furthermore, the lack of freedom of movement very often leads to a poor quality of the final result.

[0013] In fact, the milling is often not aligned, causing uncertainty in the positioning of the partition.

[0014] Disadvantageously, moreover, the use of filter hoods necessitates the creation of aeration openings in the piece of furniture which allow the outflow of the previously filtered vapour towards the outside of the piece of furniture. Such openings, also made during assembly, are of poor aesthetic pleasantness and often lend themselves to the introduction of dust or dirt of various kinds.

[0015] In this context, the technical task at the basis of the present invention is to propose an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus which overcome the aforementioned drawbacks of the prior art.

[0016] In particular, it is an object of the present invention to provide an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus which allow to simplify the installation procedures of a built-in appliance, preferably an extraction hood, siphons, sink discharge loads or waste disposals.

[0017] A further object of the present invention is to provide an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus capable of speeding up the installation procedures of a built-in appliance, preferably an extraction hood.

[0018] A further object of the present invention is to provide an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus capable of increasing the quality and the aesthetics of the built-in appliance with respect to the prior art.

[0019] The defined technical task and the specified aims are substantially achieved by an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus, comprising the technical features set forth in one or more of the appended claims.

[0020] The dependent claims correspond to possible embodiments of the invention.

[0021] Further features and advantages of the present invention will become more apparent from the approxi-

mate and thus non-limiting description of a preferred, but not exclusive, embodiment of an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus as illustrated in the accompanying drawings, in which:

- figures 1-2 are perspective views of an adjustable base for supporting a piece of furniture according to respective operating positions in accordance with a possible embodiment of the present invention;
- figures 3-4 are partially exploded perspective views of the adjustable base for supporting a piece of furniture of figures 1-2;
- figures 5-7 are perspective views according to respective angles of a piece of furniture in accordance with a possible embodiment of the present invention;
- figure 8 is a perspective view of a detail of the piece of furniture of figures 5-7.

[0022] With reference to the appended figures, an adjustable base for supporting a piece of furniture has been indicated overall with the reference number 1, which will be reported below as adjustable base 1 for simplicity of description.

[0023] The adjustable base 1 comprises a first and a second longitudinal member 2, each of which extends along a first extension direction "L" between a front portion "2a" and a rear portion "2b".

[0024] The longitudinal members 2 are arranged facing at a predetermined distance as a function of a width of the piece of furniture 100 or of a part of the piece of furniture 100 to be supported.

[0025] Preferably, each longitudinal member can have coupling means 3, for example teeth or pins, projecting laterally to couple the adjustable base 1 to the sides of the piece of furniture 100, for example to at least one of the side walls 103 of the piece of furniture 100.

[0026] Each longitudinal member 2 can have an upper surface 4, facing the internal volume "V" of the piece of furniture 100, and a lower surface 5, facing the ground and opposite the upper surface 4.

[0027] In particular, each longitudinal member 2 can have at least one housing 6 at the lower surface 5 which is preconfigured for hooking at least one foot base or foot 101 of the piece of furniture 100.

[0028] Preferably, each longitudinal member 2 can have a plurality of housings 6, arranged at the lower surface 5, preconfigured for hooking different types of foot bases or feet in different positions.

[0029] According to a possible embodiment not illustrated in the figures, the front portions "2a" of the longitudinal members 2 have a bas-relief suitable for the installation of a front mask for improving the aeration under the piece of furniture when installed.

[0030] The adjustable base 1 further comprises a front cross member 7 interposed between the longitudinal members 2 and extending along a second extension direction "T" transverse to the first extension direction "L".

Preferably, the front cross member 7 is connected to the aforementioned front portions "2a" of the longitudinal members 2.

[0031] In accordance with a possible, purely illustrative and non-limiting embodiment of the present invention, the longitudinal members 2 and/or the front cross member 7 can be connected to a baseboard 102 for a piece of furniture 100.

[0032] Advantageously, the longitudinal members and/or the front cross member can define with an upper portion of the baseboard 102 an interspace 8 adapted to promote the passage of an air flow favouring the improvement of the aeration under the piece of furniture when installed.

[0033] That is, the interspace 8 can allow an effective outflow towards an environment outside the piece of furniture 100 of the vapours extracted and previously filtered by a filtering extraction hood recessed in the piece of furniture 100.

[0034] Advantageously, the adjustable base 1 further comprises a rear cross member 9 extending parallel to the front cross member 7 and connected or connectable to the longitudinal members 2.

[0035] Furthermore, the adjustable base 1 comprises a vertical partition 10 extending orthogonally with respect to the longitudinal members so as to divide the internal volume "V" of the piece of furniture 100 into an operating volume "VO", arranged between the front cross member 7 and the vertical partition 10, and into a technical compartment "VT" arranged on the opposite side of the vertical partition 10 with respect to the operating volume "VO".

[0036] In particular, the technical compartment "VT" can be configured to house the extraction device of an extraction hood.

[0037] Furthermore, the vertical partition 10 is connectable and/or can be at least partially supported by the rear cross member 9 to define the aforementioned operating volume "VO" and technical compartment "VT". Advantageously, the rear cross member 9 is reversibly movable with respect to the front cross member 7 along a movement direction "M" parallel to the first extension direction "L" at least between a distal position (figure 1), in which said rear cross member 9 is connected (by means of special hooking systems) to the rear portions "2b" of the longitudinal members 2 and the vertical partition 10 defines a condition of maximum extension of the operating volume "VO" (understood as a first position of the vertical partition 10 which determines a condition of maximum extension or of first extension of the operating volume "VO"), and a proximal position (figure 2), in which the rear cross member 9 is connected (by means of special hooking systems) to two respective intermediate portions "2c" of the longitudinal members 2 and the vertical partition 10 defines a condition of minimum extension of the operating volume "VO" (understood as a second position of the vertical partition 10, different from the first, and which determines a condition of minimum extension or

of second extension of the operating volume "VO").

[0038] In particular, the intermediate portions "2c" of the longitudinal members 2 are interposed between the front portions "2a" and the rear portions "2b". That is, the vertical partition 10 is reversibly movable along the movement direction "M" to modify the volumes of the aforementioned operating volume "VO" and technical compartment "VT".

[0039] Very advantageously, the connection with the rear cross member 9 defines an anchorage for the vertical partition 10, thus overcoming the need to carry out milling or machining on the side walls and making the assembly procedures of a built-in appliance, for example an extraction hood, easier and faster.

[0040] Furthermore, the possibility of reversibly moving the vertical partition 10 ensures an adaptability of the adjustable base 1 to household appliances of various geometries and dimensions.

[0041] In accordance with a possible embodiment of the present invention, the longitudinal members 2 can comprise a pair of intermediate seats at least partially defining the intermediate portions "2c" and a pair of rear seats at least partially defining the rear portions "2b". In particular, the intermediate seats and the rear seats can be configured to at least partially house a respective end of the rear cross member 9 to reversibly connect the rear cross member 9 to the longitudinal members 2.

[0042] Advantageously, the longitudinal members 2 can comprise a succession of seats (not illustrated in the accompanying drawings), interposed between the intermediate seats and the rear seats, configured to at least partially accommodate a respective end of the rear cross member 9 to reversibly connect the rear cross member 9 to the longitudinal members 2, allowing an effective adjustment of the positioning of the vertical partition 10 inside the piece of furniture 100.

[0043] In accordance with a possible embodiment and as shown in the accompanying drawings, the rear cross member 9 can be slidably coupled to the longitudinal members 2. In particular, the rear cross member 9 can be reversibly slidable with respect to the longitudinal members 2 along the movement direction "M" at least between the distal position and the proximal position.

[0044] Thereby, the adjustable base 1 ensures extreme adaptability to the dimensions of the appliances to be recessed.

[0045] Preferably, the longitudinal members 2 can comprise a sliding guide 11 extending at least between the rear portions "2b" and the intermediate portions "2c". Furthermore, the rear cross member 9 can comprise a pair of sliding blocks 12 each of which arranged at a respective end of the rear cross member 9. In particular, each sliding block 12 can be slidably coupled to a respective sliding guide 11 to achieve a sliding coupling between the rear cross member 9 and the longitudinal members 2.

[0046] Advantageously, the longitudinal members 2 and/or the rear cross member 9 can comprise at least

one coupling opening 13, preferably a plurality of coupling openings 13, adapted to receive respective coupling means, comprising for example screws and/or bolts, for reversibly connecting the rear cross member 9 to the longitudinal members 2 at predetermined positions.

[0047] Furthermore, the longitudinal members 2 and/or the rear cross member 9 can comprise at least one coupling surface adapted to receive respective coupling means, comprising for example self-tapping screws, for stably connecting the rear cross member 9 to the longitudinal members 2. Advantageously, the rear cross member 9 can comprise an abutment portion 14 and/or a grooved profile 15 which are respectively adapted to receive in abutment and/or insertion a lower portion "10a" of the vertical partition 10 to constrain it to the rear cross member 9.

[0048] In accordance with some further possible embodiments not illustrated in the accompanying drawings, the abutment portion 14 and/or the grooved profile 15 can be absent and the coupling between the vertical partition 10 and the rear cross member 9 can be made differently without altering the inventive concept underlying the present invention.

[0049] The adjustable base 1 can further comprise at least one fixing flap 16 configured to receive respective fixing elements (not illustrated in the appended drawings) adapted to fix the vertical partition to at least one of the side walls 103 of the piece of furniture 100.

[0050] Preferably, the fixing flap 16 extends in a plane substantially parallel to at least one of the side walls 103 of the piece of furniture 100. Advantageously, the adjustable base 1 can comprise a fixing profile 17 adapted to connect the fixing flap 16 to the vertical partition 10.

[0051] In particular, the fixing profile 17 can comprise a first groove 18 having a first thickness and configured to receive by insertion a top portion "10b" of the vertical partition 10.

[0052] Furthermore, the fixing profile 17 can comprise a second groove (not illustrated in the accompanying drawings) having a second thickness and also configured to receive by insertion a top portion "10b" of the vertical partition 10.

[0053] Preferably, the first groove 18 and the second groove are perpendicular to each other.

[0054] In particular, the fixing profile 17 can be reversibly switchable between a first operating configuration, in which the top portion "10b" is at least partially inserted in the first groove 18, and a second operating condition, in which the top portion "10b" is at least partially inserted in the second groove, to stably constrain the at least one fixing flap 16 to the vertical partition 10. Thereby, the fixing profile 17 allows the use of vertical partitions 10 having a plurality of different thicknesses, ensuring high flexibility of use to the adjustable base 1.

[0055] In accordance with a possible embodiment and as illustrated in the accompanying drawings, the adjustable base 1 can further comprise a horizontal platform

20 adapted to delimit the operating volume "VO" below. In particular, the horizontal platform 20 can be connected or connectable to the longitudinal members 2 and/or to the front cross member 7 and/or to the rear cross member 9.

[0056] Advantageously, the horizontal platform 20 can comprise a hooking portion 21 adapted to at least partially receive by insertion the front cross member 7 along an insertion direction "I", preferably parallel to the first extension direction "L", to make a stable coupling between the horizontal platform 20 and the front cross member 7.

[0057] In accordance with a further aspect, the present invention relates to a piece of furniture 100 for a built-in appliance comprising an adjustable base 1 in accordance with what has been described above.

[0058] The piece of furniture 100 further comprises at least one side wall 103, connected to the adjustable base 1 and at least partially defining the internal volume "V" of the piece of furniture 100, and at least one upper platform 104, connected to the at least one side wall 103 and at least partially delimiting the internal volume "V" of the piece of furniture 100. Advantageously, the piece of furniture 100 can further comprise at least one foot 101, connectable to the adjustable base 1 to support said piece of furniture, and at least one baseboard 102, connected or connectable to the longitudinal members 2 and/or to the front cross member 7.

[0059] According to a further aspect, the present invention relates to a cooking fume extraction apparatus comprising a piece of furniture 100 and an adjustable base 1 in accordance with what has been described above.

[0060] The apparatus further comprises an extraction device arranged at least partially inside the technical compartment "VT" and comprising at least one extraction duct adapted to allow an extraction of the cooking fumes from an environment outside the piece of furniture 100, for example a kitchen.

[0061] In particular, the upper platform 104 of the piece of furniture 100 can have at least one extraction opening in fluid communication with the extraction duct to allow the extraction of the cooking fumes.

[0062] In accordance with a possible embodiment of the present invention, the extraction device can be a filter hood.

[0063] Advantageously, the longitudinal members 2 and/or the front cross member 7 can define with an upper portion of the baseboard 102 an interspace 8 adapted to promote the passage of an air flow from the internal volume "V" of the piece of furniture 100 to the environment outside the piece of furniture, for example a kitchen.

[0064] That is, the interspace 8 favours a reintroduction into the kitchen of the extracted fluid of the extraction device after adequate filtration.

[0065] In accordance with a further possible embodiment of the present invention, the extraction device can be an extracting hood and comprise at least one outflow duct adapted to promote an outflow of a fluid towards a cooking fume discharge environment, for example an en-

vironment outside the kitchen and/or the building in which the piece of furniture 100 is arranged. It should therefore be noted that the present invention achieves the proposed objects by making an adjustable base for supporting a piece of furniture, a piece of furniture and a cooking fume extraction apparatus capable of simplifying the installation procedures of a built-in appliance, preferably an extraction hood thanks to the presence of a vertical partition, adapted to divide the internal volume of the piece of furniture into an operating volume and a technical compartment, connected to a rear cross member, reversibly movable along the movement direction to modify the volumes of the operating volume and of the technical compartment. Advantageously, the connection between the vertical partition and the rear cross member allows to overcome the need to carry out milling or machining on the side walls of the piece of furniture, speeding up and simplifying the installation/assembly operations and freeing the installer of such a burden.

Claims

1. An adjustable base (1) for supporting a piece of furniture comprising:

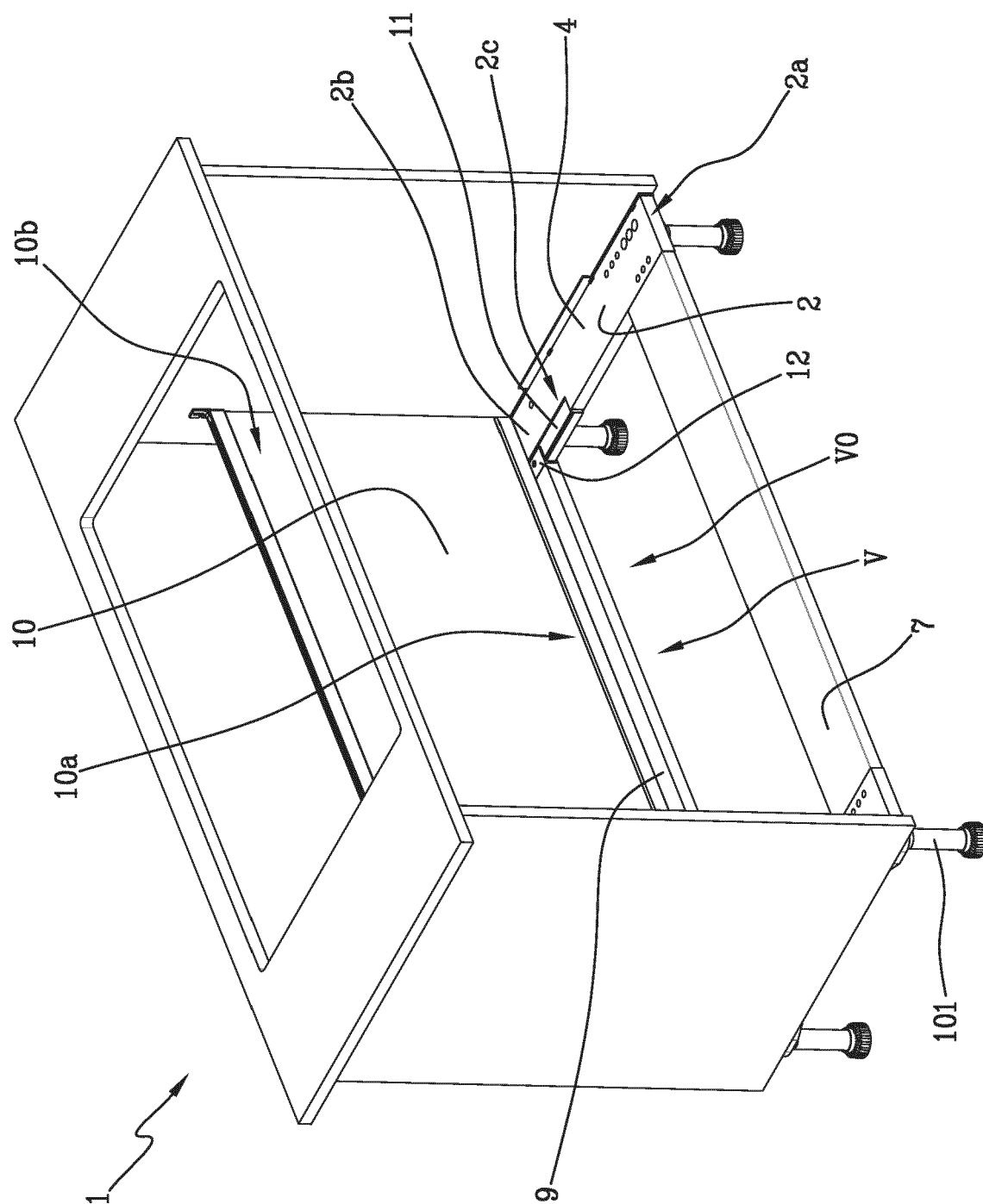
- a first and a second longitudinal member (2) arranged facing each other at a predetermined distance as a function of a width of the piece of furniture (100) or of a part of the piece of furniture (100) to be supported, each longitudinal member (2) extending along a first extension direction (L) between a front portion (2a) and a rear portion (2b);
- a front cross member (7) interposed between said longitudinal members (2) and extending along a second extension direction (T) transverse to said first extension direction (L), said front cross member (7) being connected to said front portions (2a) of said longitudinal members (2);
- a rear cross member (9) extending parallel to said front cross member (7) and connected or connectable to said longitudinal members (2);
- a vertical partition (10) extending orthogonally with respect to said longitudinal members (2) so as to divide the internal volume (V) of the piece of furniture (100) into an operating volume (VO), arranged between the front cross member (7) and said vertical partition (10), and into a technical compartment (VT) arranged on the opposite side of said vertical partition (10) with respect to the operating volume (VO);

characterized in that said rear cross member (9) is reversibly movable with respect to said front cross member (7) along a movement direction (M) parallel to said first extension direction (L) at least between

- a distal position, in which said rear cross member (9) is connected to said rear portions (2b) of said longitudinal members (2) and said vertical partition (10) defines a condition of maximum extension of said operating volume (VO), and a proximal position, in which said rear cross member (9) is connected to two respective intermediate portions (2c) of said longitudinal members (2) and said vertical partition (10) defines a condition of minimum extension of said operating volume (VO); and wherein said intermediate portions (2c) of said longitudinal members (2) are interposed between said front portions (2a) and said rear portions (2b).
2. The adjustable base according to claim 1, wherein said longitudinal members (2) comprise a pair of intermediate seats at least partially defining said intermediate portions (2c) and a pair of rear seats at least partially defining said rear portions (2b); and wherein said intermediate seats and said rear seats are configured to accommodate at least partially a respective end of said rear cross member (9) to reversibly connect said rear cross member (9) to said longitudinal members (2).
 3. The adjustable base according to claim 1 or 2, wherein said rear cross member (9) is slidably coupled to said longitudinal members (2), said rear cross member (9) being reversibly slidable with respect to said longitudinal members (2) along said movement direction (M) at least between said distal position and said proximal position.
 4. The adjustable base according to claim 3, wherein said longitudinal members (2) comprise a sliding guide (11) extending at least between said rear portions (2b) and said intermediate portions (2c); wherein said rear cross member (9) comprises a pair of sliding blocks each of which is arranged at a respective end of said rear cross member (9); and wherein each sliding block (12) is slidably coupled to a respective sliding guide (11) to achieve a sliding coupling between said rear cross member (9) and said longitudinal members (2).
 5. The adjustable base according to one or more of the preceding claims, wherein said longitudinal members (2) and/or said rear cross member (9) comprise a plurality of coupling openings (13) adapted to receive respective coupling means (3) for reversibly connecting said rear cross member (9) to said longitudinal members (2) at predetermined positions.
 6. The adjustable base according to one or more of the preceding claims, wherein said vertical partition (10) is connected or connectable to said rear cross member (9) to define at least partially said operating volume (VO) and/or said technical compartment (VT).
 7. The adjustable base according to one or more of the preceding claims, wherein said rear cross member (9) comprises an abutment portion (14) and/or a grooved profile (15) which are respectively adapted to receive in abutment and/or insertion a lower portion (10a) of said vertical partition (10) to constrain said vertical partition (10) and said rear cross member (9).
 8. The adjustable base according to one or more of the preceding claims, comprising at least one fixing flap (16) extending in a plane substantially parallel to at least one of the side walls (103) of the piece of furniture (100) and configured to receive respective fixing elements configurable for fixing said vertical partition (10) to at least one of the side walls (103) of the piece of furniture (100).
 9. The adjustable base according to claim 8, comprising a fixing profile (17) adapted to connect said at least one fixing flap (16) to said vertical partition (10); wherein said fixing profile (17) comprises a first groove (18) and a second groove having a first and a second width to receive by insertion a top portion of said vertical partition (10) having respectively a first thickness or a second thickness; and wherein said fixing profile (17) is reversibly switchable between a first operating configuration, in which said top portion is at least partially inserted in said first groove (18), and a second operating condition, in which said top portion is at least partially inserted in said second groove, to stably constrain said at least one fixing flap (16) to said vertical partition (10).
 10. The adjustable base according to one or more of the preceding claims, comprising a horizontal platform (20) adapted to delimit said operating volume (VO) below, said horizontal platform (20) being connected or connectable to said longitudinal members (2) and/or to said front cross member (7) and/or to said rear cross member (9).
 11. The adjustable base according to claim 10, wherein said horizontal platform (20) comprises a hooking portion (21) adapted to receive at least partially by insertion said front cross member (7) to achieve a stable coupling between said horizontal platform (20) and said front cross member (7).
 12. The adjustable base according to one or more of the preceding claims, wherein each longitudinal member (2) has an upper surface (4), facing the inner volume (V) of the piece of furniture (100), and a lower surface (5), facing the ground and opposite to said upper surface (4); and wherein each longitudinal member (2) has at least one housing (6) at said lower surface (5) preconfigured for hooking at least one foot base or a foot (101) of a piece of furniture (100).

13. The adjustable base according to one or more of the preceding claims, wherein said front portions (2a) of said plurality of longitudinal members (2) have a bas-relief suitable for the installation of a front mask for improving the aeration under the piece of furniture (100) when installed. 5
14. The adjustable base according to one or more of the preceding claims, wherein said longitudinal members (2) and/or said front cross member (7) are connectable to a baseboard (102) for a piece of furniture (100); and wherein said longitudinal members (2) and/or said front cross member (7) define with an upper portion (10b) of the baseboard (102) an interspace (8) configured to achieve the passage of an air flow favouring the improvement of the aeration under the piece of furniture (100) when installed. 10 15
15. A piece of furniture (100) for a built-in appliance comprising: 20
- an adjustable base (1) according to one or more of the preceding claims;
 - at least one side wall (103) connected to said adjustable base (1) and defining at least partially the internal volume (V) of the piece of furniture (100); 25
 - at least one upper platform (104) connected to said at least one side wall (103) and delimiting at least partially the internal volume (V) of the piece of furniture (100) above; 30
 - at least one foot (101) connectable to said adjustable base (1) to support said piece of furniture (100);
 - at least one baseboard (102) connected to said longitudinal members (2) and/or said front cross member (7). 35
16. A cooking fume extraction apparatus comprising: 40
- a piece of furniture (100) according to claim 15;
 - an adjustable base (1) according to one or more of claims 1-14;
 - an extraction device arranged at least partially inside said technical compartment (VT) and comprising at least one extraction duct adapted to allow an extraction of the cooking fumes from an environment outside said piece of furniture (100); 45
- 50
- wherein said upper platform (104) has at least one extraction opening in fluid communication with said extraction duct to allow the extraction of the cooking fumes. 55
17. The cooking fume extraction apparatus according to claim 16, wherein said extraction device is a filter hood; and wherein said longitudinal members (2) and/or said front cross member (7) define with an upper portion (10b) of the baseboard (102) an interspace (8) configured to achieve the passage of an air flow from the internal volume (V) of the piece of furniture (100) to the environment outside the piece of furniture (100).
18. The cooking fume extraction apparatus according to claim 16, wherein said extraction device is an extracting hood and comprises at least one outflow duct adapted to promote an outflow of a fluid towards a cooking fume discharge environment.

Fig. 1



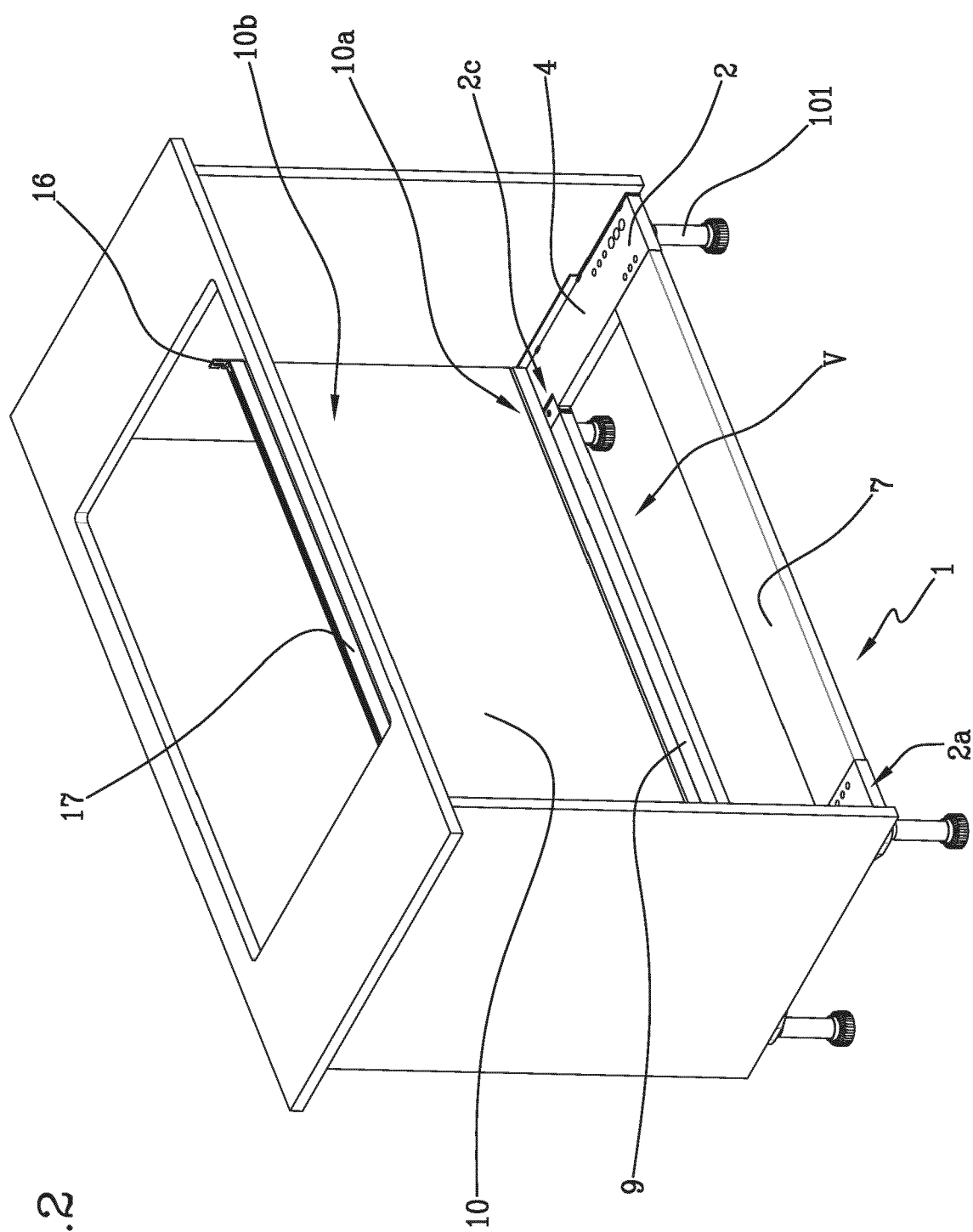
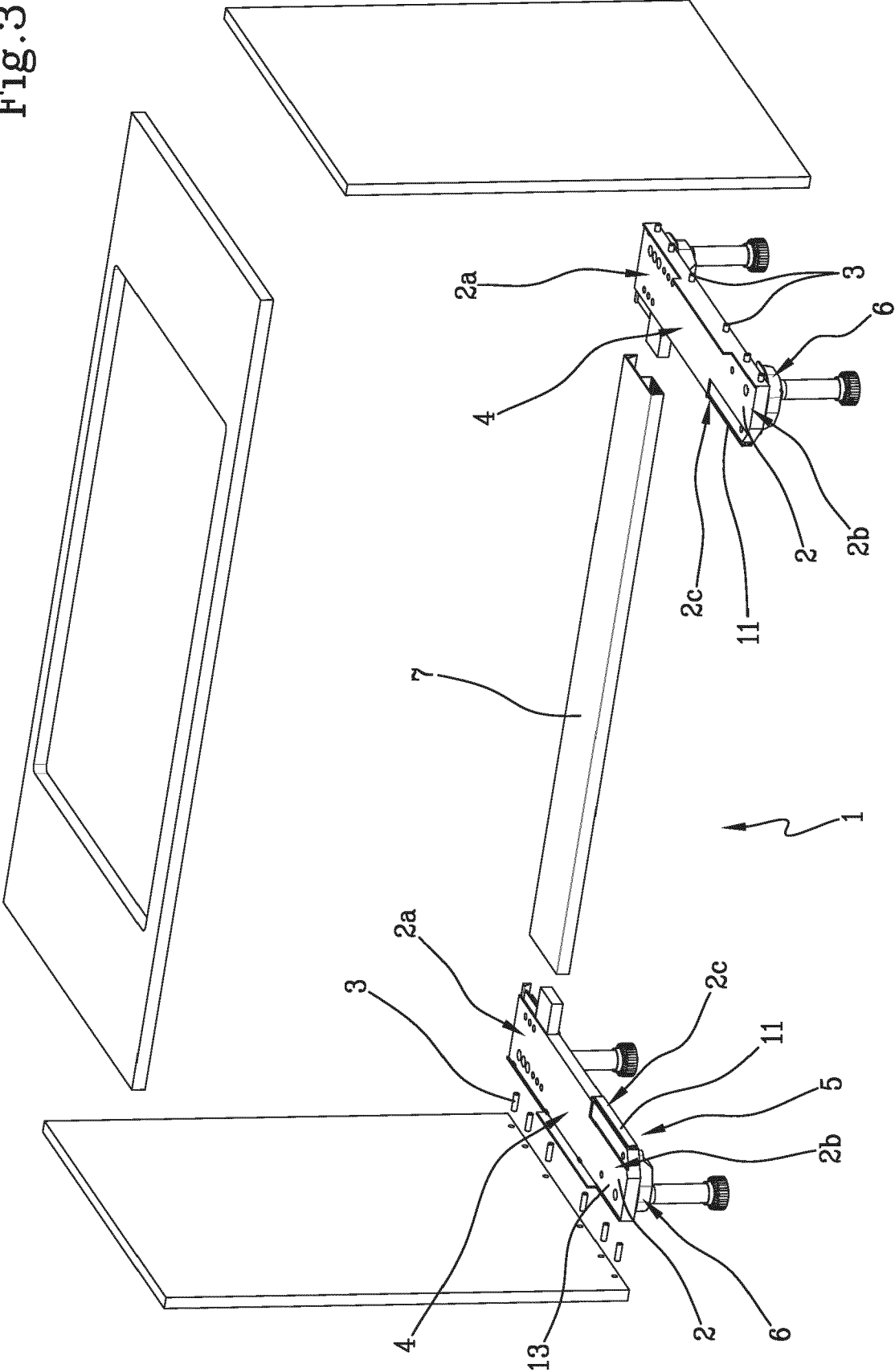
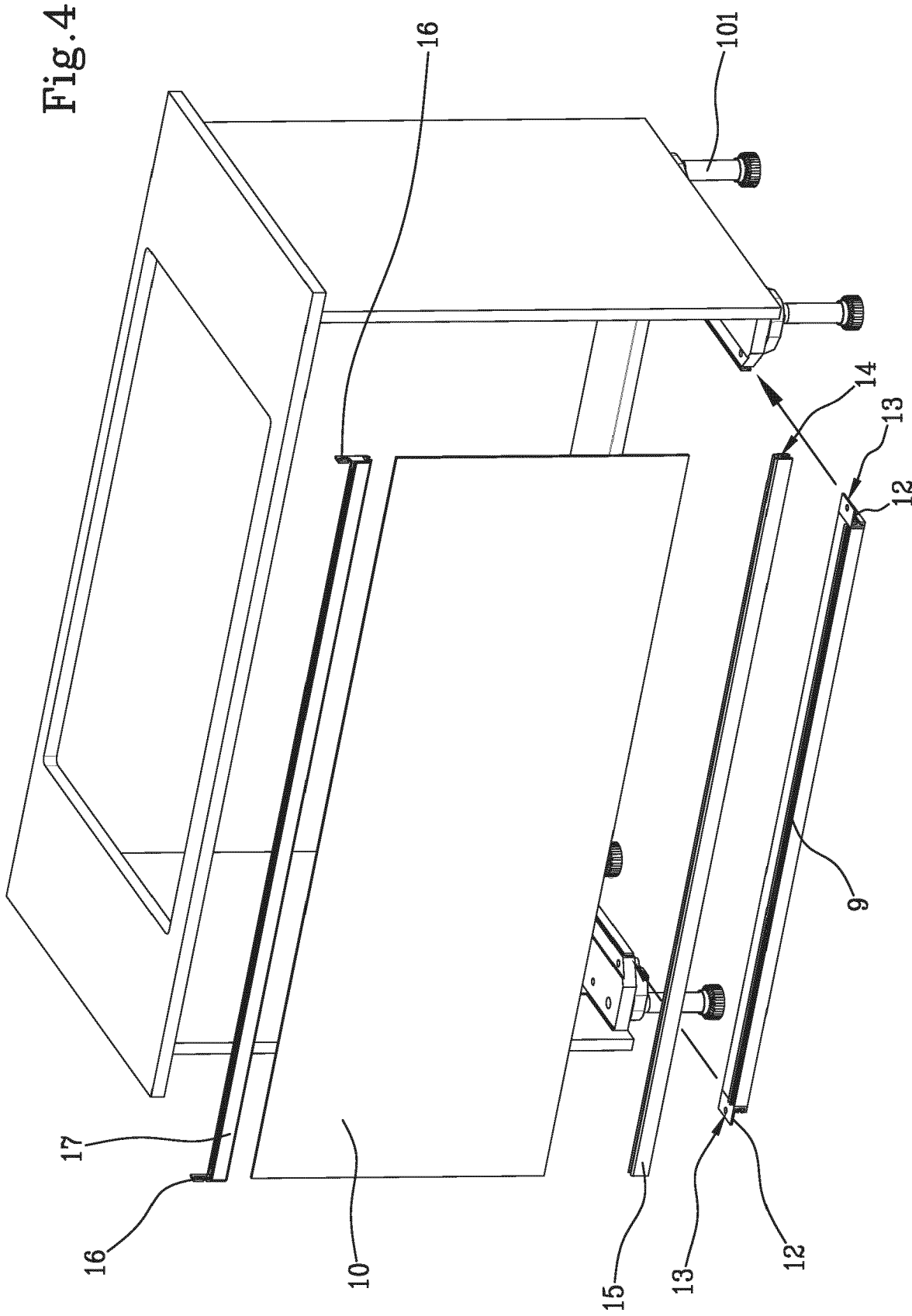


Fig.2

Fig.3





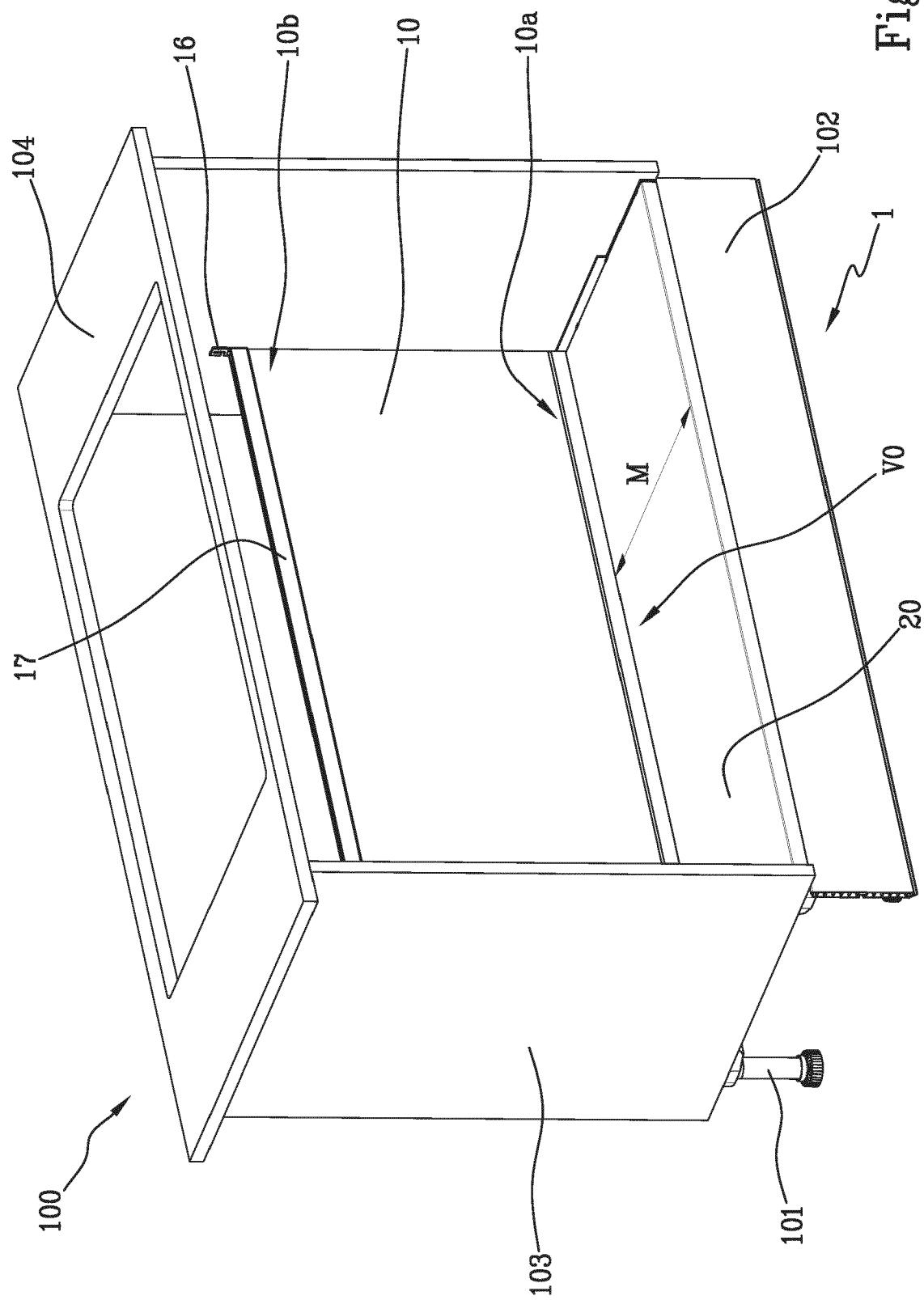


Fig. 5

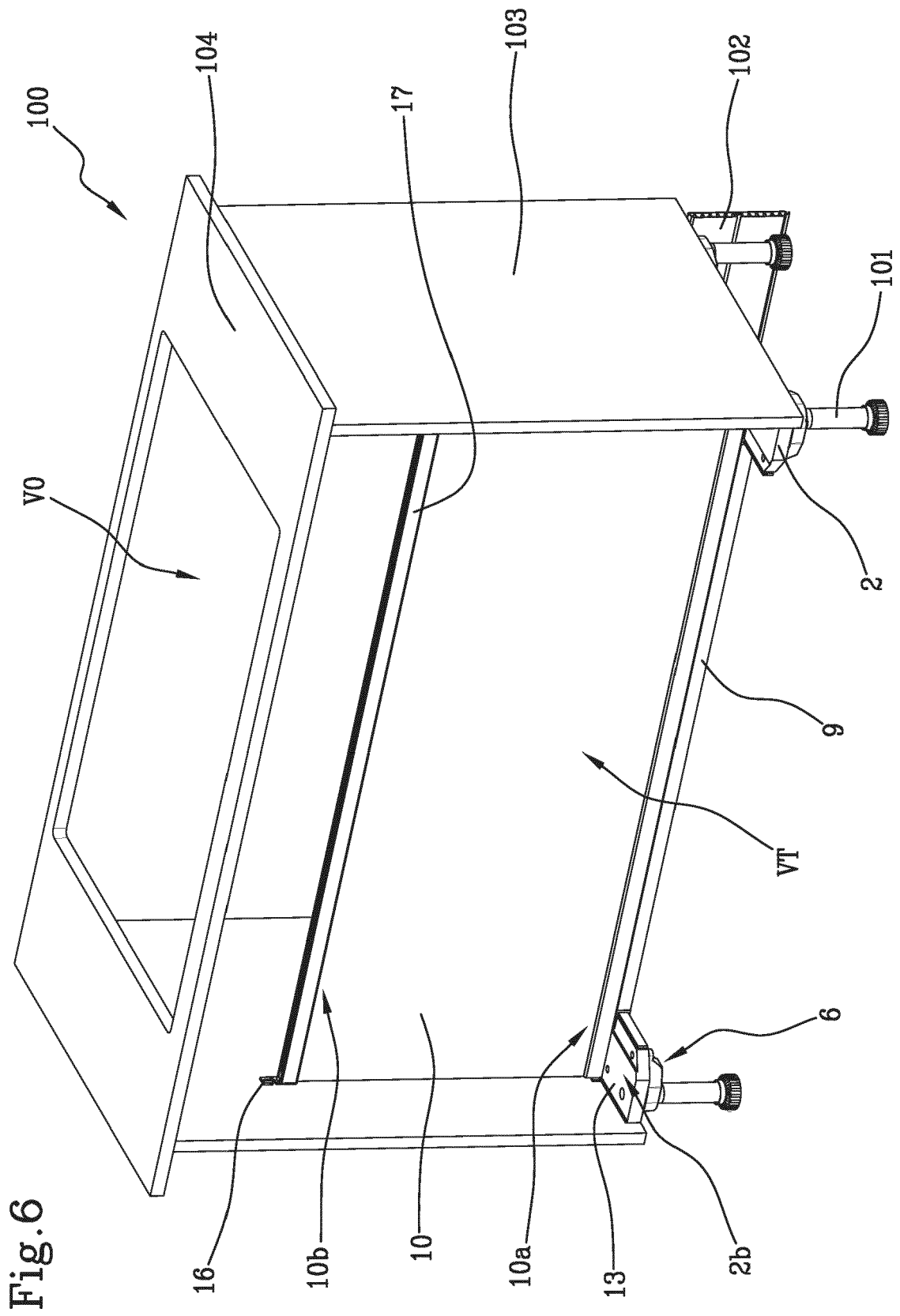


Fig. 2

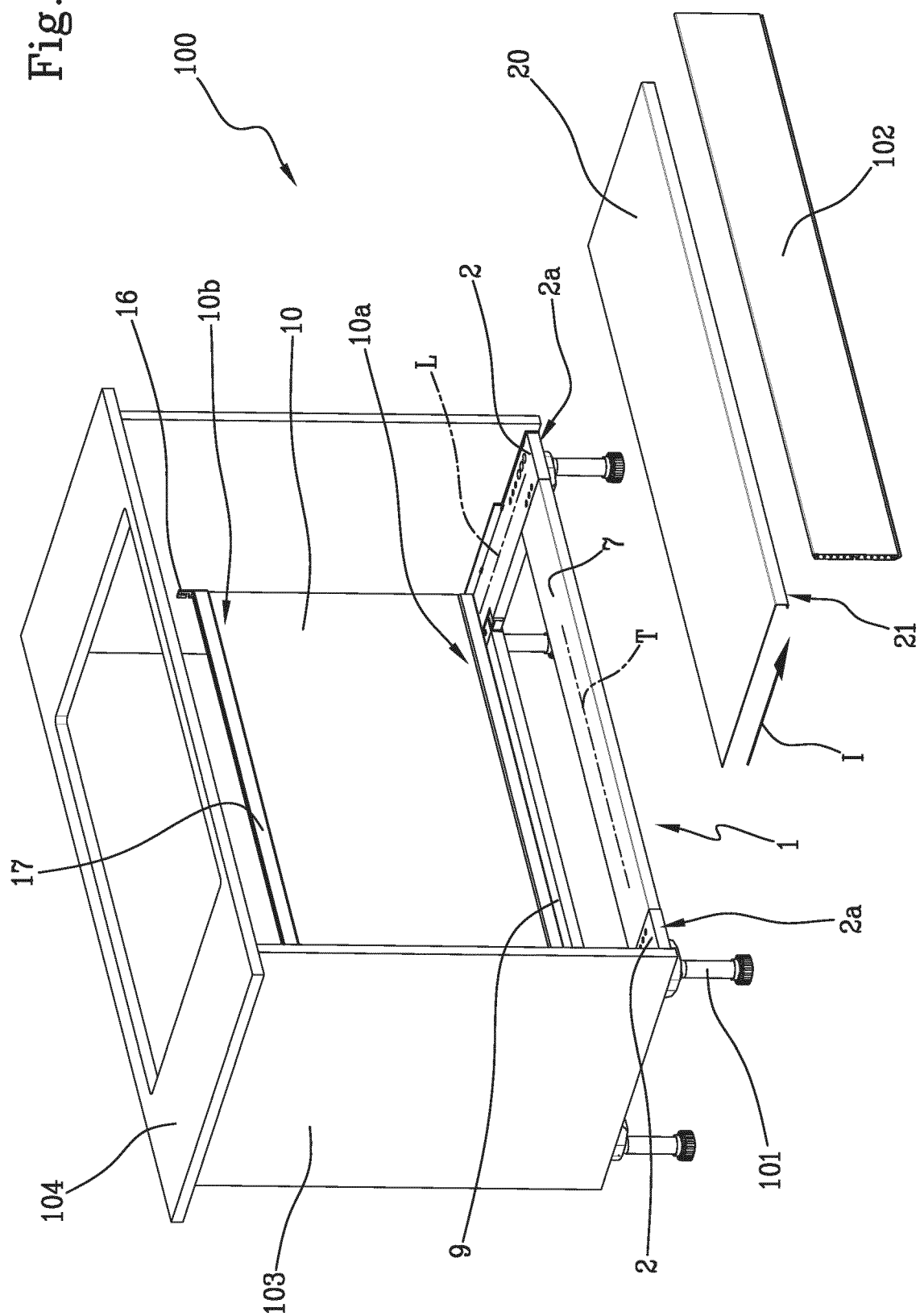
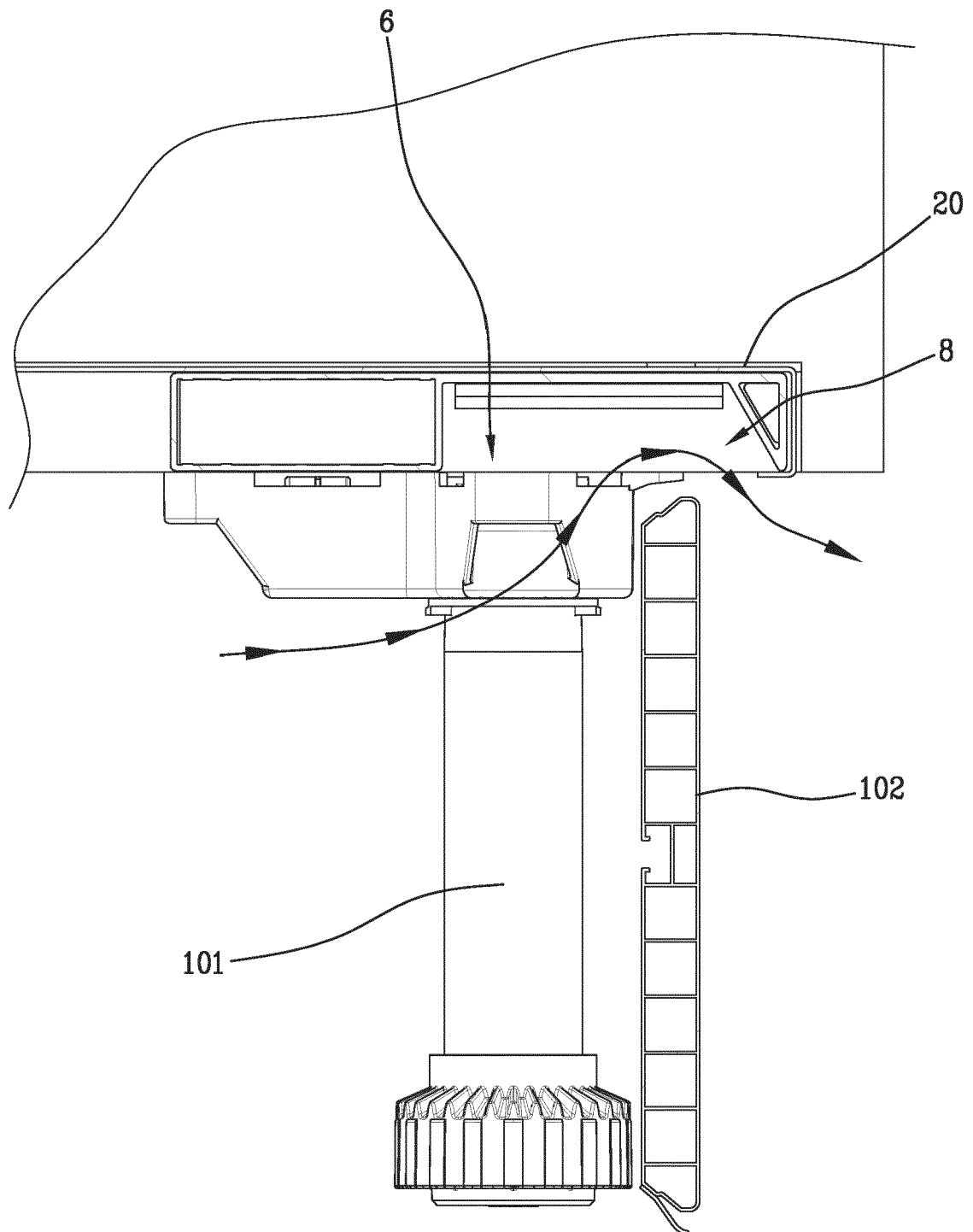


Fig.8





EUROPEAN SEARCH REPORT

Application Number

EP 23 18 4709

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Place of search		Date of completion of the search	Examiner
The Hague		20 November 2023	Kohler, Pierre
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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