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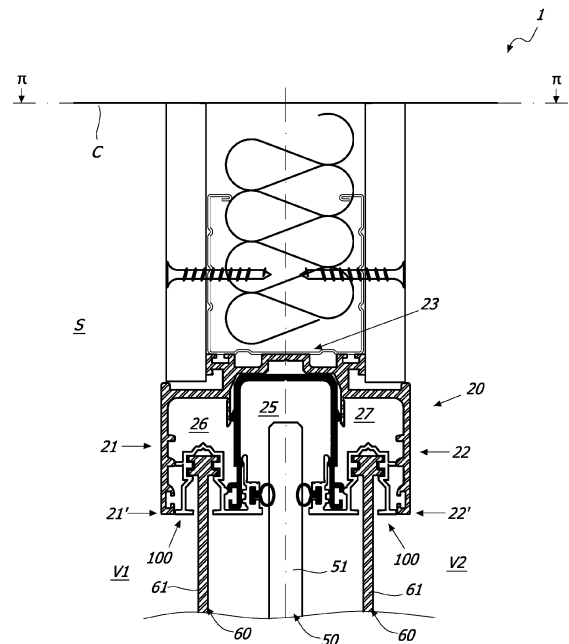
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(54) **SYSTEM FOR PARTITIONING A SPACE**

(57) A system for partitioning a space (S) which can be installed at a stationary support such as a ceiling (C) or a false ceiling for dividing the space (S) into at least two compartments (V1, V2). The system comprising a longitudinal support profile (20) defining a first axis (X) which can be coupled with the stationary support with a first seat (25) and at least one second seat (26, 27), a fixed dividing element (50) comprising at least one transparent sheet-like element (51) which can be engaged in the first seat (25), a first blind (61) and at least one first accessory (100) to operatively connect the first blind (61) and the longitudinal support profile (20) so that the first slides along a second axis (X') substantially parallel to the axis (X), and a second blind (71) and at least one second accessory (200) to operatively connect the second blind (71) and the longitudinal support profile (20) so that the first slides along a third axis (Y') substantially perpendicular to the first axis (X). The first and second accessory (100, 200) can be alternatively selectively be engaged with the second seat (26, 27) for operatively alternatively connecting the first blind (61) or the second blind (71) with the longitudinal support profile (20).



**FIG. 1**

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## Description

### Field of the invention

**[0001]** The present invention generally relates to the field of interior furnishing, and in particular it relates to a system for partitioning spaces, in particular for the so-called open space offices comprising a glass wall and a covering element such as a blind or the like to prevent view through the same.

### State of the Art

**[0002]** Systems for partitioning a space, for example of a so-called open space office, are known. Such systems generally include a plurality of load-bearing beams and a plurality of partitioning walls inserted thereinto. In particular, such open space offices are generally partitioned using glass walls and/or doors and they are characterised by a high aesthetic appeal.

**[0003]** Such systems generally provide for the use of beams or support profile connected to the ceiling or to the beams configured to internally house the glass wall.

**[0004]** In order to shade such glass walls, that is prevent the view thereof through the same by a user, there is known the use of appropriate cover accessories such as blinds or the like. Blinds are generally slidable parallel to the ceiling (horizontally) or perpendicularly thereto (vertically).

**[0005]** Therefore, blinds are coupled to the support profile or to the beam by fixing sliding tracks or appropriate motor-driven frames. Such operation is carried out after installing the support profile or the beam in the space.

**[0006]** For example, the sliding tracks for the slidable blinds are generally screwed on the external wall of the longitudinal support profile.

**[0007]** A first drawback lies in the fact that the side walls of the support profile are not always of the load-bearing type and do not guarantee the correct fixing of the sliding tracks of the blinds which therefore tend to detach over time.

**[0008]** As a matter of fact, the mounting of the blinds requires considerable expertise of the operator who has to fix the track to the beam perfectly horizontally using a plurality of self-tapping screws inserted into the side walls of longitudinal profiles not suitable to support such vertical load.

**[0009]** Therefore, such operations are long, complex and require considerable expertise.

**[0010]** Furthermore, such solutions offer poor aesthetic appeal which is a particularly serious drawback in such spaces.

**[0011]** In any case, the support profile or beams reveal poor aesthetic appeal given that they protrude with respect to the surface of the ceiling or false ceiling, while the tracks remain substantially exposed.

**[0012]** Should the beams or support profiles be flush

with the ceiling or false ceiling, blinds cannot be installed without providing appropriate connection profiles.

**[0013]** In this case, this will therefore clearly result in deteriorating the aesthetic appeal, extending processing times and there will arise the need for providing an appropriate different connection profile depending on the type of blind and/or beam.

### Summary of the invention

**[0014]** An object of the present invention is to at least partly overcome the drawbacks illustrated above by providing a system for partitioning a space that is highly functional and cost-effective.

**[0015]** Another object of the invention is to provide a partitioning system to hinder view through the partitioning wall.

**[0016]** Another object of the invention is to provide a partitioning system capable of supporting one or more covering elements for shading the partitioning wall.

**[0017]** Another object of the invention is to provide a partitioning system that allows to install different types of covering or shading elements on the same profile.

**[0018]** Another object of the invention is to provide a partitioning system that is simple and quick to install.

**[0019]** Another object of the invention is to provide a partitioning system with high aesthetic appeal.

**[0020]** A further object of the invention is to provide a kit for manufacturing a system for partitioning a space that is highly functional and cost-effective.

**[0021]** These and other objects which will be more apparent hereinafter are attained by a partitioning system and by a kit as described, illustrated and/or claimed herein.

**[0022]** The dependent claims define advantageous embodiments of the invention.

### Brief description of the drawings

**[0023]** Further characteristics and advantages of the invention will be more apparent in light of the detailed description of a preferred but non-exclusive embodiment of the invention, illustrated by way of non-limiting example with reference to the attached drawings, wherein:

**FIG. 1** is a cross-sectional view of a partitioning system **1** with a dividing element **50** and a pair of slidable blinds **61**;

**FIG. 2** is an exploded schematic view of the system **1** of FIG. 1;

**FIGS. 3 and 4** are a cross-sectional view of some details of different embodiments of the system **1** with the blind **61**;

**FIG. 5** is a cross-sectional view of a different embodiment of the system **1** with a blind **71**;

**FIG. 6** is an exploded schematic view of the system **1** of FIG. 1;

**FIGS. 7 and 8** are a cross-sectional schematic view

of different embodiments of the system 1;

**FIGS. 9A, 9B and 9C** show the system 1 with the blind 61 in different operating steps;

**FIGS. 10A, 10B and 10C** show the system 1 with the blind 71 in different operating steps;

**FIGS. 11 and 12** show a different configuration of a partitioning system comprising one or more glass sheets 51 and a closing accessory 300.

#### Detailed description of some preferred embodiments

**[0024]** With reference to the aforementioned figures, herein described is a partitioning system 1 for partitioning a space S which may include a ceiling C which may define a plane  $\pi$  and a floor substantially facing the ceiling C.

**[0025]** Possibly, the space S may also include a false ceiling and/or a false floor which may be coupled respectively to the ceiling C and to the floor in a per se known manner or as described hereinafter.

**[0026]** The partitioning system 1 according to the invention may be particularly suitable for open spaces S which require a particularly appealing aesthetic aspect, such as for example offices and museums.

**[0027]** Thanks to the system 1, the space S may be partitioned into at least two compartments V1, V2.

**[0028]** Essentially, as better explained hereinafter, the system 1 may be particularly versatile for selectively partitioning the space to allow or hinder view through the partitioning wall.

**[0029]** Suitably, the system 1 may comprise at least one partitioning wall, which may preferably but not exclusively substantially extend from the floor to the ceiling so as to partition the space S into compartments V1 and V2. Furthermore, the system 1 may comprise one or more shading covering elements 60, 70, for example blinds, designed to remain at the partitioning wall to fully or partially cover the latter.

**[0030]** Advantageously, view may therefore be hindered between the compartments V1, V2 through the wall at the shading covering element 60, 70.

**[0031]** The shading covering elements 60, 70 may comprise or consist of blinds 61, 71.

**[0032]** It is clear that the expression "to hinder view" is not used to indicate solely fully preventing view from compartment V1 to compartment V2 or vice versa. This hindrance may vary depending on the configuration of the blinds 61, 71.

**[0033]** Suitably, the latter may be configured to fully hinder view through them, for example a uniform black blind, or they may be configured to allow view in a very limited manner, for example a thick white blind, or they may be configured to allow light to filter through or view only towards determined directions, for example they may be blinds of the "Venetian" type. Such examples are not limiting.

**[0034]** Therefore, although the expression "blind" will be used hereinafter, it is clear that such expression shall not exclusively be deemed to indicate a single planar

element made of fabric.

**[0035]** Possibly, the blinds 61, 71 may have sound-proofing characteristics.

**[0036]** The partitioning wall may be arranged in a plane  $\pi'$  substantially parallel to the axis X and substantially perpendicular to the plane  $\pi$  defined by the ceiling or false ceiling.

**[0037]** The partitioning wall may comprise or consist of one or more planar dividing elements 50. Preferably, but not exclusively, the partitioning wall may consist of a single fixed dividing element 50.

**[0038]** Preferably, but not exclusively, the dividing element 50 may be fully transparent or translucent. However, such characteristic shall not be deemed to be limiting given that the dividing element 50 may be only partially transparent or translucent, for example it may comprise transparent planar elements 51 and opaque elements, for example wooden or metal blind panels.

**[0039]** Suitably, the dividing element 50 may comprise or consist of one or more transparent dividing elements 51. Preferably, the transparent dividing elements 51 may be one or more glass sheets 51.

**[0040]** According to a preferred embodiment, the dividing element 50 may consist of glass sheets 51, even more preferably it may consist of a single glass sheet 51.

**[0041]** The system 1 may comprise a longitudinal support profile 20 which may be coupled with any stationary or fixed support element such as for example the ceiling, the false ceiling or a beam 10.

**[0042]** For example, as schematically illustrated in FIG. 1, the profile 20 may be coupled with a wall. On the other hand, for example as illustrated in FIG. 5, the support profile 20 may be coupled or inserted into a beam 10.

**[0043]** The longitudinal support profile 20 may define an axis X. Preferably such axis X may be substantially parallel to the plane  $\pi$  defined by the ceiling.

**[0044]** Essentially, the support profile 20 may comprise a pair of mutually facing side walls 21, 22 and an upper wall 23 designed to be arranged facing toward the ceiling C or toward the beam 10. The walls 21, 22 and 23 may cooperate with each other to internally define at least one compartment open at the lower part.

**[0045]** Suitably, the support profile 20 may be shaped so as to internally define one or more seats 25, 26, 27. Preferably, the support profile 20 may be shaped so as to define a seat 25 for the partitioning wall 50 and a seat 26 for the blind 61 or 71. Preferably, the support profile 20 may be configured so as to have a further seat 27 for the blind 61 or 71.

**[0046]** Preferably, but not exclusively, the support profile 20 may be configured so as to have the seat 25 interposed between the seats 26 and 27.

**[0047]** Suitably, the blind 61 or 71 may therefore remain on one side or the other of the seat 25, that is on one side or the other of the dividing element 50. Therefore, the blind 61 or 71 may remain at the compartment V1, for example the inner compartment, or at the compartment V2, for example the outer compartment.

**[0048]** Furthermore, advantageously, the support profile **20** may be firstly installed in any position of the ceiling or false ceiling, while the blinds **61**, **71** may be operatively connected to the support **20** subsequently.

**[0049]** Suitably, as better explained hereinafter, one or more accessories **100**, **200** may be provided for to operatively connect the blind **61** and/or **71** to the profile **20**.

**[0050]** In other words, the operators may install the support profile **20** when they create the entire partition of the space **S**, generally a plurality of consecutive supports **20**. Subsequently, the users may decide whether they want shading, which type of shading, for example the slidable blind **61** or **71** and in which compartment **V1** or **V2**, that is on which side of the dividing element **50**.

**[0051]** Therefore, also the operations for reconfiguring the space **S** may be particularly simple and quick.

**[0052]** The support profile **20** may be made of a single piece or it may be obtained by coupling several longitudinal profiles. Preferably, the support profile **20** may comprise a first profile **30** and a second profile **40** which may be mutually configured so that, once mutually coupled, the support profile **20** may comprise the seats **25**, **26** and/or **27**.

**[0053]** The profiles **30** and **40** may be longitudinal profiles extending along the axis **X** and they may be snap-coupled to each other.

**[0054]** The attached drawings show an example of a pair of profiles **30**, **40** which can be coupled to define the longitudinal support profile **20**.

**[0055]** The profile **30** may be substantially C-shaped with a pair of side walls **31**, **32** substantially parallel to the plane  $\pi'$  and a base wall **33** interposed between the side walls **31**, **32** and substantially perpendicular to the latter so as to internally define a compartment **34**.

**[0056]** The profile **40** may also be substantially C-shaped with a pair of side walls **41**, **42** and an orthogonal base wall **43** to internally define a compartment **44**.

**[0057]** The profile **40** may be inserted in the compartment **34** so that the wall **43** is at or facing the wall **33**.

**[0058]** Suitably male or female elements of the per se known type may be provided for to this end. For example, the profile **30** may comprise a pair of walls **35** extending in the compartment **34** designed to interact with the walls **41**, **42** of the profile **40** so as to mutually engage the latter.

**[0059]** Therefore, the interspace between the walls **31**, **41** may define the seat **26**, the compartment **44** may define the seat **25** and the interspace between the walls **32**, **42** may define the seat **27**.

**[0060]** The seats **25**, **26** and **27** may therefore be longitudinal seats, extending along axes substantially parallel to each other and substantially parallel to the axis **X**.

**[0061]** Preferably, the profile **20** may have a height substantially equal to the height of the side walls **21**, **22**. Should the profile **20** comprise the profiles **30** and **40**, the height of the side walls **31**, **32** may define the height of the profile **20**. In this case, the ends **21'** and **22'** of the walls **21** and **22** may coincide with the ends **31'** and **32'** of the walls **31** and **32**.

**[0062]** Suitably, the system may comprise a single dividing element **50** which may be engaged in the seat **25**, preferably such single dividing element **50** may consist of a single glass sheet **51**.

**[0063]** On the other hand, according to a different embodiment, the dividing element **50** may be engaged in the seat **26** or **27** as better described below. Possibly, the system **1** may comprise a plurality of dividing elements **50** which may be engaged in the seats **26** and **27**.

**[0064]** The latter may be configured to support the dividing element **50**, preferably to support the glass sheet **51**. For example, the inner walls of the seats **26** and/or **27**, for example the walls **42**, **32** and/or the walls **31**, **41**, may comprise suitable protuberances for polymeric elements for supporting glass sheets **51**.

**[0065]** In other words, the system **1** may therefore comprise the accessory **100**, the accessory **200**, the accessory **300** and the dividing element **50** all of which may be alternatively selectively engageable in the seat **26**, and/or all alternatively selectively engageable in the seat **27**.

**[0066]** Thanks to this characteristic, the system **1** may have different configurations and therefore it may be particularly versatile.

**[0067]** Preferably, the dividing element **50** may be positioned in the seat **25** and it may therefore engage one of the accessories **100**, **200** and **300** in the seat **26** and one of the accessories **100**, **200** and **300** in the seat **27**.

**[0068]** For example, the system **1** may comprise the dividing element **50**, one of the blind **61** and **71** engaged in one of the seat **26** or **27**, and a closing accessory **300** engaged in the other of the seat **26** or **27**, for example as shown in Fig. 3, Fig.4, Fig.5 and Fig.7.

**[0069]** Thanks to this characteristic, the preferred blind may be positioned between the **61** and the **71** at the preferred compartment **V1**, **V2**, and at the same time the blindless compartment may have a high aesthetic appeal thanks to the accessory **300**.

**[0070]** On the other hand, the system **1** may comprise the dividing element **50** and a pair of blinds **61** or **71** for example as shown in Fig. 1 and Fig. 8. In this manner, advantageously, the blind may be positioned in both the compartments **V1** and **V2** so that the users inside both compartments can actuate the blinds.

**[0071]** Possibly, for example as shown in FIG. 11, the system **1** may comprise the dividing element **50** engaged in the seat **26** and one or more accessories **300** engaged in the seats **25** and/or **27**, or, for example as shown in FIG. 12, the system **1** may comprise a pair of dividing elements **50** engaged in the seats **26** and **27** and an accessory **300** engaged in the seat **25**.

**[0072]** Advantageously, in all the aforementioned configurations, the system **1** may comprise the same profile **20** having the seats **25**, **26** and **27** described above. In other words, upon fixing the profile **20** to the ceiling or to the beam **10**, the space **S** may be partitioned according to the preferences.

**[0073]** Hereinafter, reference will be made to the embodiment in which the dividing element **50** consists of a

single glass sheet **51** without thereby limiting the scope of protection to this single embodiment.

**[0074]** Suitably, the system **1** may comprise a plurality of accessories **100**, **200**, **300**, each alternatively and selectively engageable with the seat **26**. The same accessories **100**, **200**, **300** may be alternatively and selectively engageable with the seat **27**, as better described below.

**[0075]** The accessory **100** may be configured to support the blind **61**, which may preferably slide laterally, that is along an axis **X'** substantially parallel to the axis **X**. The blind **61** may for example be of the type made of fabric. On the other hand, the accessory **200** may be configured to support the blind **71**, which may preferably slide vertically, that is along an axis **Y'** substantially perpendicular to the axis **X**. The blind **71** may be a roller blind, possibly motor-driven, of the per se known type.

**[0076]** It is clear that the expressions "vertical" and "horizontal" may refer to the drawings and/or to the in use system **1** operating in which the dividing element **50** is generally positioned vertically.

**[0077]** Hereinafter, where a wall of a profile will be defined as "vertical" or "horizontal", it means that once in use, that is installed in the system **1**, it may be orthogonal or parallel to the plane  $\pi'$ . In any case, two vertical or horizontal walls may be substantially parallel to each other, while two walls, one vertical and one horizontal, may be substantially perpendicular to each other.

**[0078]** In general, the blind **61** and/or the blind **71** may be movable between at least one first operative position in which the blind **61**, **71** hinders view through the glass sheet **51** and at least one second operative position in which it does not hinder view through the glass sheet **51**.

**[0079]** For example, when the blind **61** slides horizontally, that is parallel to the floor, the blind **61** may be substantially retracted and not hinder view, or it may be fully extended to hinder view. On the other hand, when the curtain **71** slides vertically, that is perpendicularly to the floor, the blind **71** may be substantially raised in proximity of the ceiling and not hinder view or it may be fully extended to hinder view.

**[0080]** It is clear that the blinds **61**, **71** may be in any intermediate position so as to partially hinder view to the user through the glass sheet **51**.

**[0081]** Suitably, when the blind **61** and/or the blind **71** are in the extended position, they may cover substantially the entire glass sheet **51**. Therefore, the blind **61**, **71** may remain interposed between the user and the glass sheet **51**. On the other hand, when the blind **61**, **71** is in the intermediate position, it may cover the glass sheet **51** only partially.

**[0082]** For example, FIGS. 9A, 9B and 9C schematically show a system **1** with the blind **61** respectively in the extended position in which it hinders view, in an intermediate position and in a retracted position in which it does not hinder view. For example, FIGS. 10A, 10B and 10C schematically show a system **1** with the blind **71** respectively in the extended position in which it hinders view, in an intermediate position and in a raised

position in which it does not hinder view.

**[0083]** As described above, the accessory **100** may be engaged with the profile **20**, preferably with the seats **26** or **27**. Suitably, in order to allow the engagement of the accessory **100** with the profile **20**, the latter may comprise respective male and female elements configured to be mutually engaged.

**[0084]** The system **1** may comprise one or more accessories **100**. For example, FIG. 1 shows the system **1** comprising a pair of accessories **100** each engaged with the profile **20** on opposite sides with respect to the sheet **51**. On the other hand, the system **1** may comprise only one accessory **100** engaged in the seat **26** (FIG. 3) or in the seat **27** (FIG. 4).

**[0085]** Preferably, but not exclusively, the accessory **100** may consist of a single longitudinal profile, for example an aluminium extrusion.

**[0086]** In particular, the accessory **100** may comprise a portion **110** configured to engage the profile **20**, preferably of the snap-coupling type. Preferably, such portion **110** may comprise the male and female elements, for example protuberances of the per se known type.

**[0087]** Suitably, the portion **110** may comprise a pair of facing side walls **111**, **112** and a base wall **113** for internally defining a compartment **114**. Preferably, the side walls **111**, **112** and the base wall **113** may form a substantially C-shaped portion **110**.

**[0088]** For example, should the portion **110** be engaged in the seat **26**, the wall **111** may be arranged facing the wall **31**, and the wall **112** may remain facing the wall **41**, while should the portion **110** be engaged in the seat **27**, the wall **111** may be arranged facing wall **32** and the wall **112** may remain facing the wall **42**.

**[0089]** The walls **111**, **112** and **31**, **32** and **41**, **42** may comprise respective longitudinal projections defining the male and female elements so as to allow the mutual engagement of accessory **100** and profile **20**.

**[0090]** On the other hand, the inner compartment **114** may therefore define a seat for housing the blind **61**. In particular, the blind **61** may comprise an upper portion **62** which can be engaged in the seat **114**.

**[0091]** In order to allow the mutual engagement of the portion **62** and of the seat **114**, suitable male and female elements may be provided for. In particular, the portion **62** and the seat **114** may be mutually engaged so that the former can slide with respect to the latter along an axis substantially parallel to the axis **X'**.

**[0092]** In greater detail, one or both of the walls **111**, **112** may comprise internally, that is facing toward the compartment **114**, a male or female element **115**, while the portion **62** may comprise corresponding female or male elements **65**.

**[0093]** For example, the walls **111**, **112** may internally comprise at least one longitudinal projection **115**, while the portion **62** may comprise a seat **65** designed to be engaged with the projection **115**.

**[0094]** Advantageously, the male and female elements **65**, **115** may remain inside the seat **114**. Preferably, also

the portion **62** may remain inside the seat **114**. In this manner, advantageously, the accessory **100** may be substantially flush with the profile **20**.

**[0095]** On the other hand, the accessory **100** may comprise a portion **120** designed to remain at or inside the seat **25** once the accessory **100** is engaged with the profile **20**. Such portion **120** may comprise means **125** suitable to interact or support the glass sheet **51**. In greater detail, the portion **120** may comprise a vertical wall **124** designed to remain inside the seat **25** to support the means **125**, for example a glazing bead of the per se known type.

**[0096]** Therefore, a single profile **100** may interact both with the blind **61** and with the glass sheet **51**.

**[0097]** Suitably, the accessory **100** may comprise a substantially planar base wall **130**. The accessory **100** and the profile **20** may be mutually configured so that, once engaged, the base wall **130** may remain substantially flush with the side wall **31** or **32**. In particular, with the ends **31'**, **32'** of the side walls **31**, **32**.

**[0098]** Suitably, the seats **26**, **27** may be substantially symmetrical with respect to the plane  $\pi'$ . Therefore, advantageously, the same accessory **100** may be rotated so as to be engaged in the seat **26** or in the seat **27**.

**[0099]** Preferably, the accessory **100** may be engaged with the profile **20** so that the portion **110** remains inside the seat **26** or the seat **27**.

**[0100]** Therefore, once the accessory **100** is engaged, it may remain substantially flush with the walls **31**, **32** and/or with the ends **31'** and **32'** so that the horizontal and/or vertical overall dimensions remain those of the walls **31**, **32**.

**[0101]** The accessory **200** may be configured to operatively connect the blind **71** to the profile **20**. Therefore, suitably, the accessory **200** may support the blind **71** which may be of the vertically slidable type as described above.

**[0102]** It is clear that the system **1** may comprise one or more accessories **200**. For example, the system **1** may comprise only one accessory **200** engaged in the seat **26** (FIG. 5) or in the seat **27** (FIG. 7).

**[0103]** The accessory **200** may consist of a single longitudinal profile or it may comprise several longitudinal profiles coupled to each other. For example, as particularly shown in FIG. 6, the accessory **200** may comprise a profile **201** and a profile **202** mutually coupled to define a single profile **200**.

**[0104]** Similarly to the accessory **100**, in order to allow the engagement of the accessory **200** with the profile **20**, the latter may comprise male and female elements configured to be mutually engaged.

**[0105]** Suitably, the accessory **200** may comprise a portion **220** designed to remain inside the seat **25**. Such portion **220** may comprise means **225** suitable to interact or support the glass sheet **51**. In greater detail, the portion **220** may comprise a vertical wall **224** arranged inside the seat **25** to support the means **225**, for example a glazing bead of the per se known type.

**[0106]** Therefore, a single accessory **200** may interact

both with the blind **71** and with the glass sheet **51**.

**[0107]** Suitably, similarly to the accessory **100**, the same accessory **200** may be rotated so as to be alternatively engaged in the seat **26** or **27**.

**[0108]** As described above, the accessory **200** may be engaged with the profile **20**, preferably with the seats **26** or **27**. Suitably, in order to allow the engagement of the accessory **100** with the profile **20**, the latter may comprise respective male and female elements configured to be mutually engaged.

**[0109]** In particular, the accessory **200** may comprise at least one portion **210** suitable to be engaged in the seat **26** or in the seat **27**.

**[0110]** In greater detail, the profile **201** may comprise a pair of mutually facing walls **211** and **212**. The wall **211** may remain inside the seat **26** or **27**, while the wall **212** may remain inside the seat **25** therefore defining the vertical wall **224**. In this case, the wall **211** may define the portion **210**.

**[0111]** Should the wall **211** be inserted into the seat **26**, the wall **211** may be arranged facing or in contact with the wall **31** and the wall **212** may remain inside seat **25** arranged facing or in contact with wall **41**, while should the wall **211** be inserted into the seat **27**, the wall **211** may be arranged facing or in contact with the wall **32** and the wall **212** may remain inside the seat **25** arranged facing or in contact with the wall **42**.

**[0112]** The walls **211**, **212** and **31**, **32** and **41**, **42** may comprise respective longitudinal projections defining the male and female elements so as to allow the engagement of accessory **200** with the profile **20**.

**[0113]** The profile **202** may comprise a portion **233** suitable to be engaged with a corresponding portion **213** of the profile **201**. For example, the portion **213** may comprise a male element, while the portion **233** may comprise a corresponding female element **231**. For example, the wall **211** may include the male element **213**. Possibly, for example as shown in FIG. 6, the profile **201** may comprise the wall **211** inserted into the seat **26** or **27**, and a vertical wall **215** designed to remain outside the seat **26** or **27**.

**[0114]** In this case, preferably, the wall **215** may comprise the male element **213**, for example a projection or a shaped longitudinal appendage.

**[0115]** Suitably, the profile **202** may comprise the portion **233** to be engaged with the profile **201**, a portion **235** for supporting the blind **71** and a portion **237** for supporting possible drive means **290** acting on the blind **71** to promote the sliding thereof.

**[0116]** In particular, the portion **233** may comprise a female seat **231** designed to be engaged with the male element **213**. In greater detail, the profile **202** may comprise a substantially vertical side wall **234** which may include the portion **235**. Preferably, but not exclusively, the wall **234** may be on the opposite side with respect to the portion **213**.

**[0117]** Suitably, a track **75** which may be fixed to the side wall **234**, for example using screws in a per se known

manner, may be provided for. The track **75** may support the end **72** of the blind **71**.

[0118] Advantageously, the profile **202** may be configured so as to resist the force exerted by the weight of the blind **71**. For example, the portion **235** may be a part of the wall **234** interposed between two horizontal walls **235**, **235'**, so that such portion **235** has high rigidity.

[0119] Advantageously, the end **234'** of the wall **234** may be in proximity of the end **31'** or **32'** of the respective side wall **31**, **32**. Therefore, the end **72** of the blind **71** may also be in proximity of the end **31'** or **32'** so that the system has a high aesthetic appeal.

[0120] Preferably, the end **234''** opposite the end **234'** may remain flush with the profile **201** and in particular with the lower horizontal base wall **214**.

[0121] Possibly, the length of the wall **234** may be substantially equal to the length of the wall **215**. Therefore, furthermore, the system **1** may have a high aesthetic appeal.

[0122] The portion **237** may include an area **236** for supporting the drive means **290**, for example a shaped seat **236**. In particular, the drive means **290** may comprise a portion **291** suitable to be inserted into the seat **236** so that the portion **237** supports the drive means **290**.

[0123] The accessory **300** may be configured to conceal the seat **26** or **27**. Thanks to this characteristic, the system **1** may have a pleasant appearance even when one or more of the accessories **100**, **200** are not present.

[0124] Possibly, according to a different embodiment, the accessory **300** may be configured to conceal the seat **25**, or more than one seat simultaneously.

[0125] The accessory **300** may be configured to conceal the seat **26** or **27** from view once it is engaged with the seats **26** and **27**.

[0126] It is clear that, similarly to the accessories **100**, **200**, the accessory **300** may be engaged with the profile **20** by means of male or female elements of the per se known type. For example, the accessory **300** may comprise one or more longitudinal projections designed to interact with corresponding longitudinal projections of the profile **20**.

[0127] Preferably, the accessory **300** may be engaged in the seat **26** or in the seat **27** to conceal the respective seat from the view of a user. Possibly, similarly to the accessories **100** and **200**, also the accessory **300** may be shaped so that the same accessory **300** can be engaged in the seat **26** or in the seat **27** rotating it.

[0128] The accessory **300** may be a single longitudinal profile and it may comprise a portion **310** designed to be engaged in the seat **26** or **27**.

[0129] Advantageously, similarly to the accessories **100** and **200**, also the accessory **300** may comprise a portion **320** designed to remain inside the seat **25**. Such portion **320** may comprise means **325** suitable to interact or support the glass sheet **51**.

[0130] In greater detail, the portion **320** may comprise a vertical wall **324** arranged inside the seat **25** configured to support the means **325**, for example a glazing bead

of the per se known type.

[0131] The vertical wall **324** designed to remain inside the seat **25** may be substantially parallel to the wall **312**. In particular, the wall **324** may be arranged facing or in contact with the wall **41** (if inserted into the seat **26**) or with the wall **42** (if inserted in the seat **27**).

[0132] Therefore, a single accessory **300** may shade the seat **26** or **27** and at the same time support the glass sheet **51**.

[0133] The portion **310** may comprise a pair of mutually facing and spaced side walls **311**, **312**, and a substantially planar base wall **313**. The wall **313** may have a width substantially equal to the width of the seat **26** and/or **27** so as to conceal the latter from view.

[0134] Should the portion **310** be inserted into the seat **26**, the wall **311** may be arranged facing or in contact with the wall **31** and the wall **312** may be arranged facing or in contact with the wall **41**, while should the portion **310** be inserted into the seat **27**, the wall **311** may be arranged facing or in contact with the wall **32** and the wall **312** may remain arranged facing or in contact with the wall **42**.

[0135] Similarly to the above, the walls **311**, **312** and **41**, **42** may comprise respective longitudinal projections so as to allow the engagement of the accessory **300** in the respective seats **26**, **27**.

[0136] Advantageously, once engaged in the latter, the accessory **300** may be substantially flush with the ends **31'**, **32'** of the side walls **31**, **32**. In other words, the height of the profile **20** may remain substantially unchanged in case of presence or absence of the accessory **300** engaged in one of the seats **26**, **27**.

[0137] The accessories **100**, **200**, **300** may therefore be interchangeable given that all of them can be engaged with the seat **26** and all of them can be engaged with the seat **27**.

[0138] Possibly, the accessory **300** may be configured to conceal the seat **25**. In particular, for example as shown in FIG. 12, the accessory **300** may be engaged in the seat **25**. In this case, the accessory **300** may have a different shape with respect to the one described above. For example, the accessory **300** may be without the portion **320** and it may essentially comprise the facing side walls **311** and **312** and the base wall **313**.

[0139] On the other hand, as shown in FIG. 11, the accessory **300** may be configured to conceal both the seat **25** and the seat **26**, or both the seat **25** and the seat **27**. In this case, the accessory **300** may be engaged in one or in both of the seats to be concealed. For example, the accessory **300** may comprise the portion **310** with the walls **311** and **313**, and the portion **320** which may comprise a pair of facing walls **321** and **322** and a base wall **323**. The latter may cooperate with the base wall **313** to define a continuous wall so that the system has a pleasant appearance.

[0140] Preferably, the width of the system **1** may be substantially equal to the width of the profile **20**. In other words, as schematically illustrated in the attached draw-

ings, the blinds **61** and/or **71** may remain interposed between the sheet **51** and the side walls **21**, **22** so that the total lateral overall dimensions are substantially equal to those of the profile **20**.

**[0141]** The invention is susceptible to numerous modifications and variants, all falling within the scope of protection of the attached claims. All details can be replaced by other technically equivalent elements, and the materials can be different depending on the needs, without departing from the scope of protection defined by the attached claims.

## Claims

1. A system for partitioning a space (**S**) which can be installed at a stationary support such as a ceiling (**C**) or a false ceiling for dividing the space (**S**) into at least two compartments (**V1**, **V2**), the system comprising:

- at least one longitudinal support profile (**20**) defining a first axis (**X**) which can be coupled with the stationary support, said at least one support profile (**20**) comprising a first seat (**25**) and at least one second seat (**26**, **27**);

- at least one fixed dividing element (**50**) comprising at least one transparent sheet-like element (**51**) which can be engaged in said first seat (**25**);

the system further comprising:

- at least one first blind (**61**) and at least one first accessory (**100**) for operatively connecting said at least one first blind (**61**) and said at least one longitudinal support profile (**20**) so that the first slides along a second axis (**X'**) substantially parallel to said first axis (**X**);

- at least one second blind (**71**) and at least one first accessory (**200**) for operatively connecting said at least one second blind (**71**) and said at least one longitudinal support profile (**20**) so that the first slides along a third axis (**Y'**) substantially perpendicular with respect to said first axis (**X**);

wherein said at least one first and one second accessory (**100**, **200**) can be alternatively selectively be engaged with said at least one second seat (**26**, **27**) of said at least one longitudinal support profile (**20**) for operatively alternatively connecting said at least one first blind (**61**) or said at least one second blind (**71**) with said at least one longitudinal support profile (**20**).

2. System according to claim 1, wherein said at least one first blind (**61**) has an operative end (**62**), said

at least one first accessory (**100**) having a third longitudinal seat (**114**) extending along said second axis (**X'**) designed to house said operative end (**62**), said third seat (**114**) being configured to guide the sliding of said operative end (**62**) along said second axis (**X'**).

3. System according to the preceding claim, wherein said at least one first accessory (**100**) comprises a pair of facing side walls (**111**, **112**) and a base wall (**113**) cooperating with each other to internally define said third seat (**114**), said side walls (**111**, **112**) comprising a first pair of longitudinal male or female elements (**115**) substantially parallel to said second axis (**X'**), said operative end (**62**) of said at least one first blind (**61**) having a corresponding second pair of female or male elements (**65**) designed to interact with said first pair of longitudinal male or female elements (**115**).

4. System according to any one of the preceding claims, comprising drive means (**290**) acting on said at least one second blind (**71**) to promote the sliding thereof along said third axis (**Y'**), said second accessory (**200**) comprising an area (**236**) for supporting said drive means (**290**).

5. System according to any one of the preceding claims, wherein said at least one longitudinal support profile (**20**) comprises a fourth seat (**26**, **27**), said at least one first and one second accessory (**100**, **200**) being alternatively selectively engageable with said at least one fourth seat (**26**, **27**) of said at least one longitudinal support profile (**20**) for operatively alternatively connecting said at least one first blind (**61**) or said at least one second blind (**71**) with said at least one longitudinal support profile (**20**).

6. System according to the preceding claim, wherein said second and fourth seat (**26**, **27**) are arranged on opposite sides with respect to said first seat (**25**) so as to allow to connect said at least one first blind (**61**) or said at least one second blind (**71**) with said at least one longitudinal support profile (**20**) on one side and/or on the other side of said at least one dividing element (**50**).

7. System according to any one of the preceding claims, comprising at least one third closing accessory (**300**) which can be selectively engaged with said at least one second seat (**26**, **27**), or which can be selectively engaged with said at least one second seat (**26**, **27**) or with said at least one fourth seat (**26**, **27**).

8. System according to the preceding claim, wherein one of said at least one first accessory (**100**) or said at least one second accessory (**200**) or said third



accessory (300) can be selectively alternatively engaged in said at least one second seat (26, 27).

9. System according to the preceding claim, wherein one of said at least one first accessory (100) or said at least one second accessory (200) or said third accessory (300) can be selectively alternatively engaged in said at least one fourth seat (26, 27). 5
10. System according to any one of claims 7 to the preceding claim, wherein said at least one first accessory (100) or said at least one second accessory (200) is engaged in one of said second and fourth seat (26, 27) and said third accessory (300) is engaged in the other of said second and fourth seat (26, 27). 10  
15
11. System according to any one of the preceding claims, wherein said at least one second seat (26, 27) is engaged with one of said at least one first accessory (100) or said at least one second accessory (200) and said at least one second seat (26, 27) is engaged with one of said at least one first accessory (100) or said at least one second accessory (200). 20  
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12. System according to any one of the preceding claims, comprising a second dividing element (50) comprising at least one transparent sheet-like element (51) which can be selectively engaged with said at least one second seat (26, 27), or which can be selectively engaged with said at least one second seat (26, 27) or with said at least one fourth seat (26, 27). 30  
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13. System according to the preceding claim, wherein said second dividing element (50) can be engaged in one of second and fourth seat (26, 27) and one of said at least one first accessory (100) or said at least one second accessory (200) or said third accessory (300) can be selectively alternatively engaged in the other of said second and fourth seat (26, 27). 40
14. System according to any one of the preceding claims, wherein said first accessory (100), said second accessory (200) and/or said third accessory (300) comprise a respective first portion (110, 210, 310) which can be engaged in said at least one second seat (26, 27) or said at least one fourth seat (26, 27) and a respective second portion (120, 220, 320) designed to remain at said at least one first seat (25) to interact with said transparent sheet-like element (51). 45  
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15. System according to the preceding claim, wherein said second portion (120, 220, 320) of respectively said first accessory (100), said second accessory (200) and said third accessory (300) comprises 55

means (125, 225, 325) suitable to interact with said at least one transparent sheet-like element (51) of said at least one fixed dividing element (50), said means (125, 225, 325) comprising at least one polymeric element.

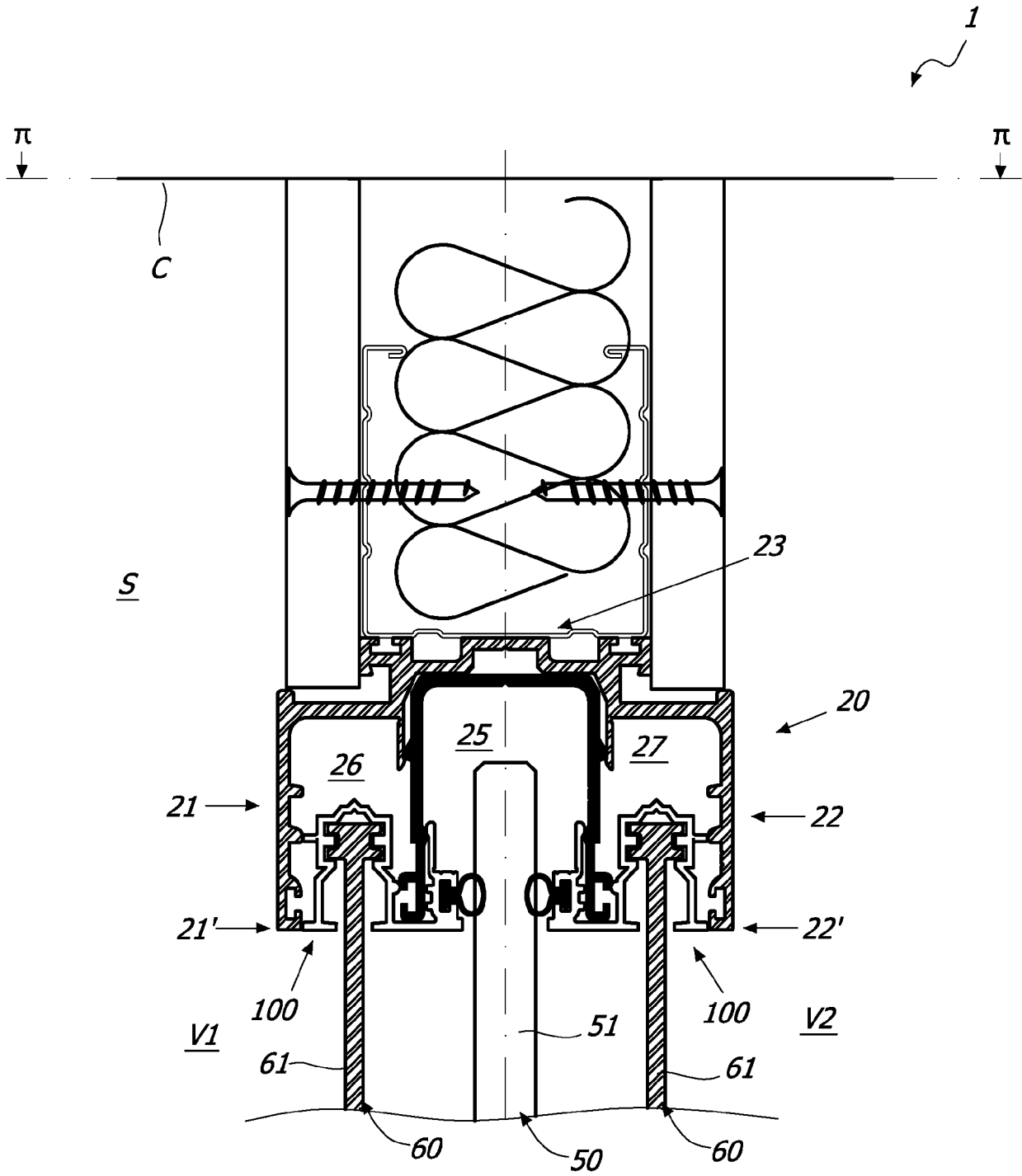
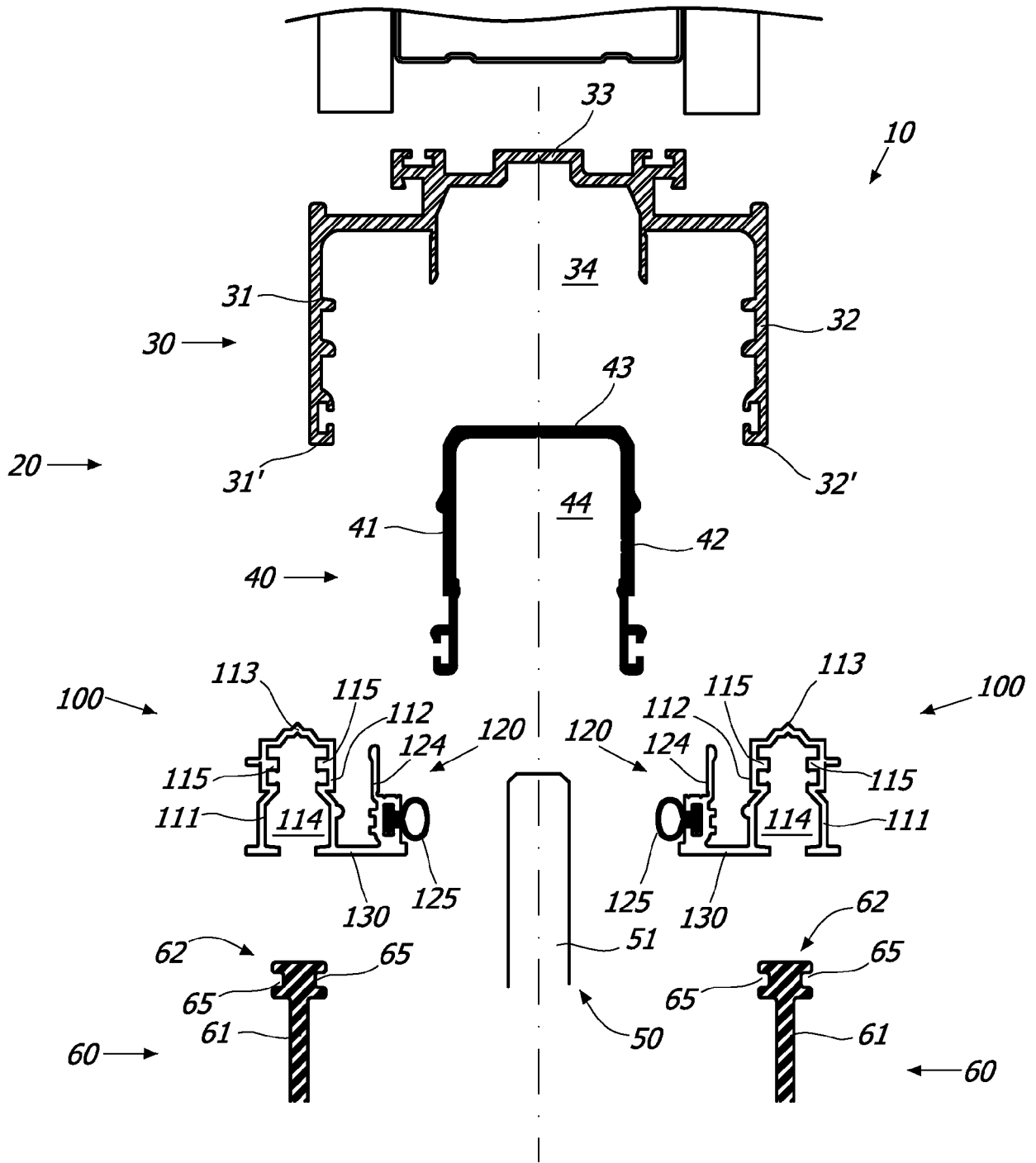
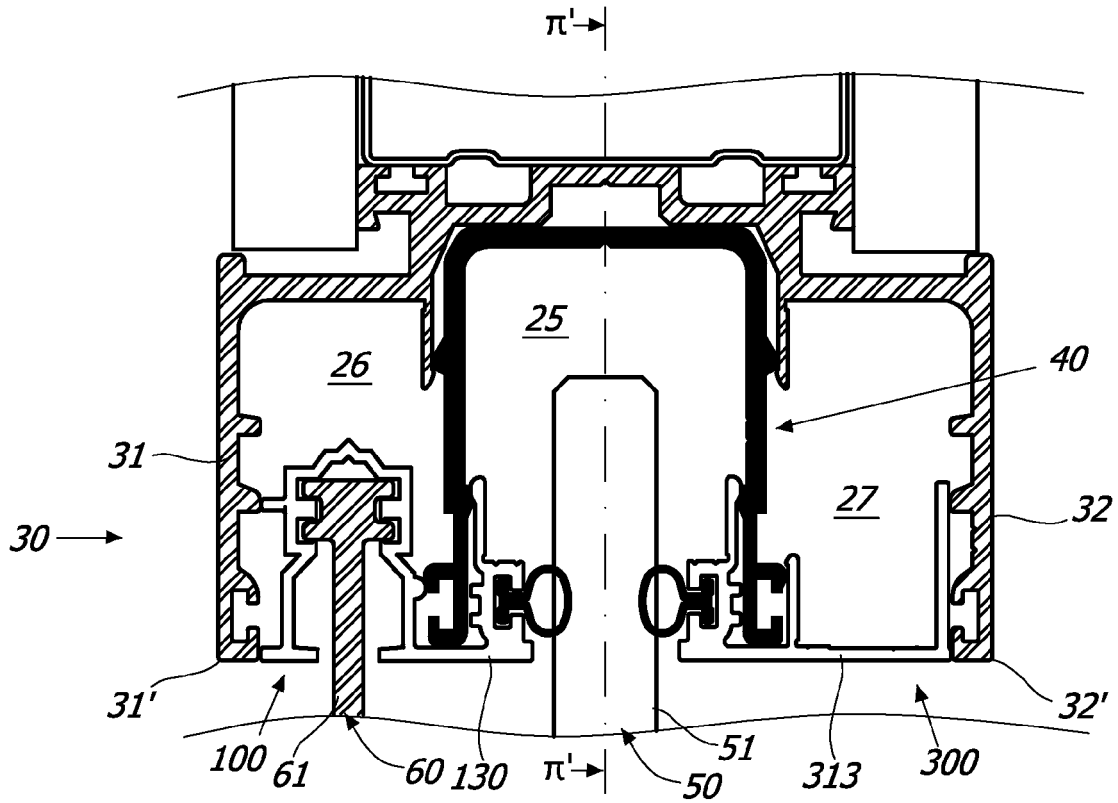
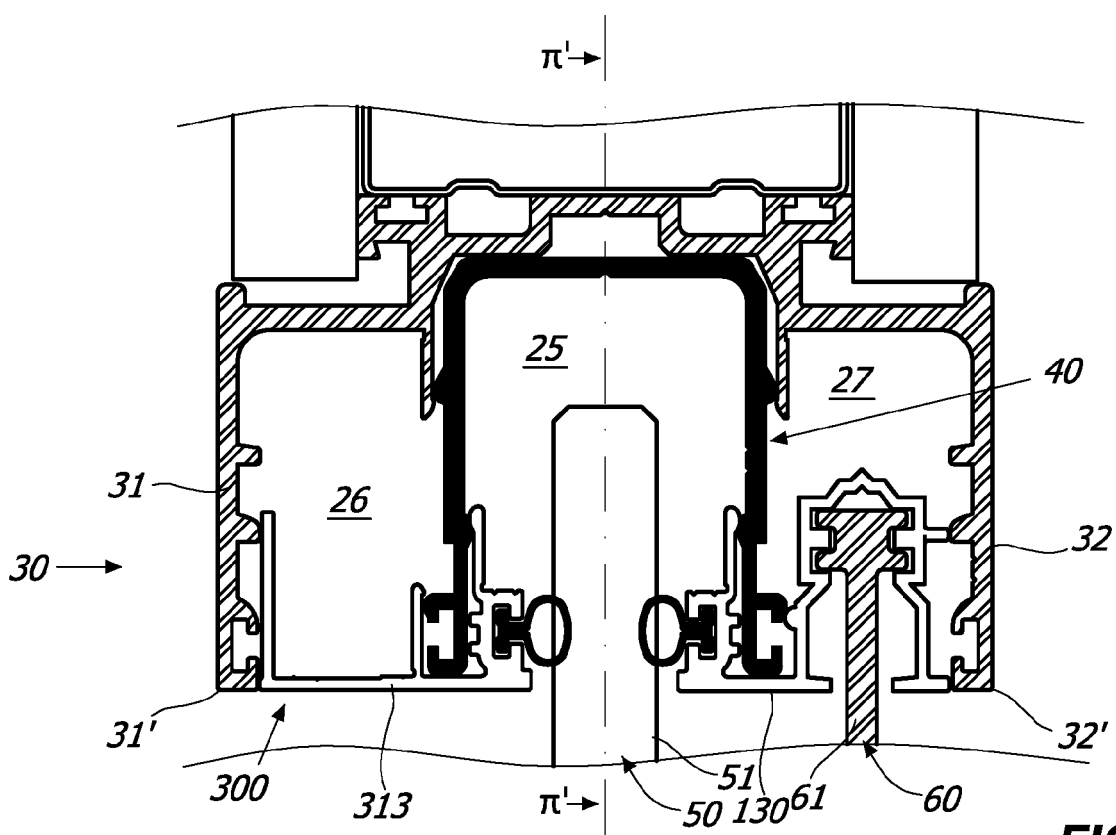


FIG. 1

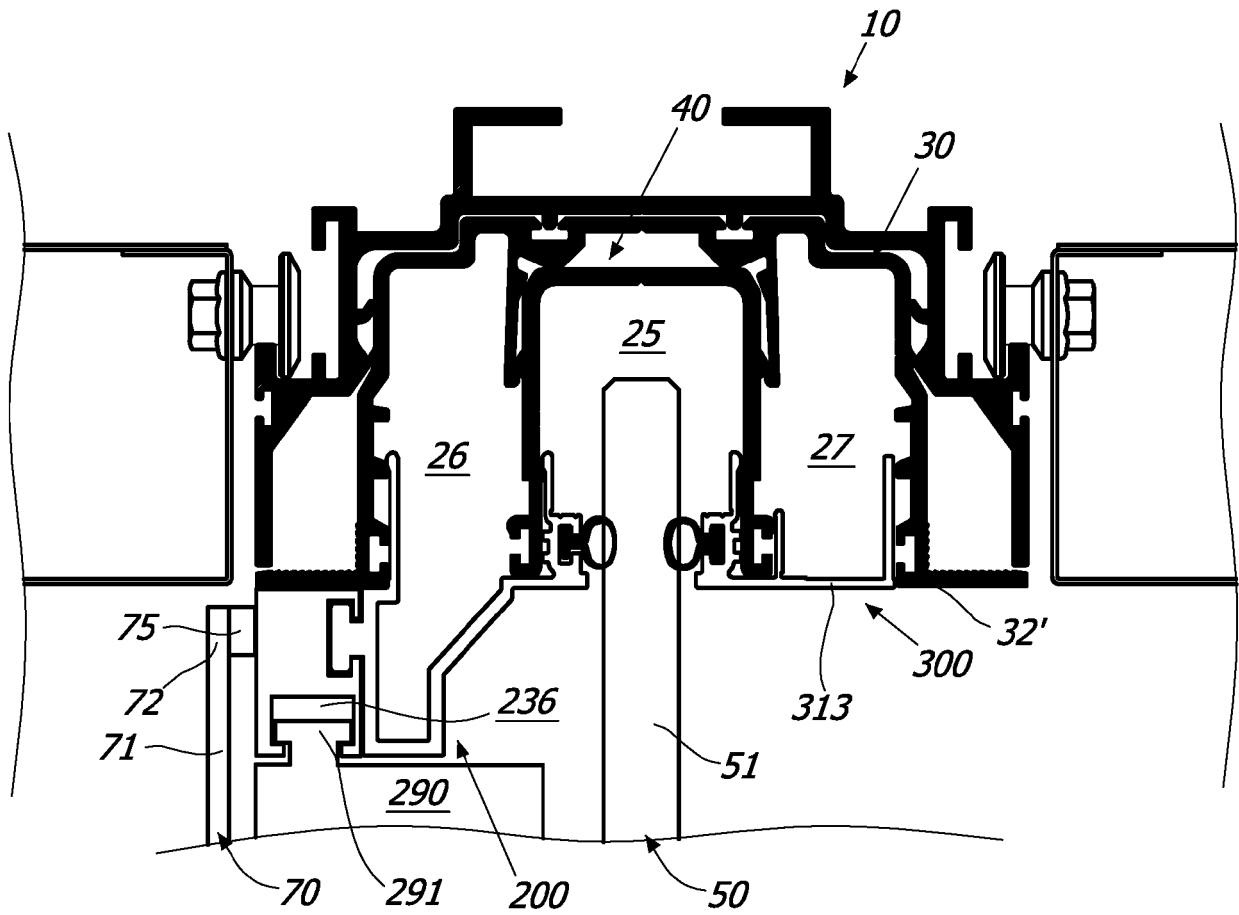




**FIG. 3**



**FIG. 4**



**FIG. 5**

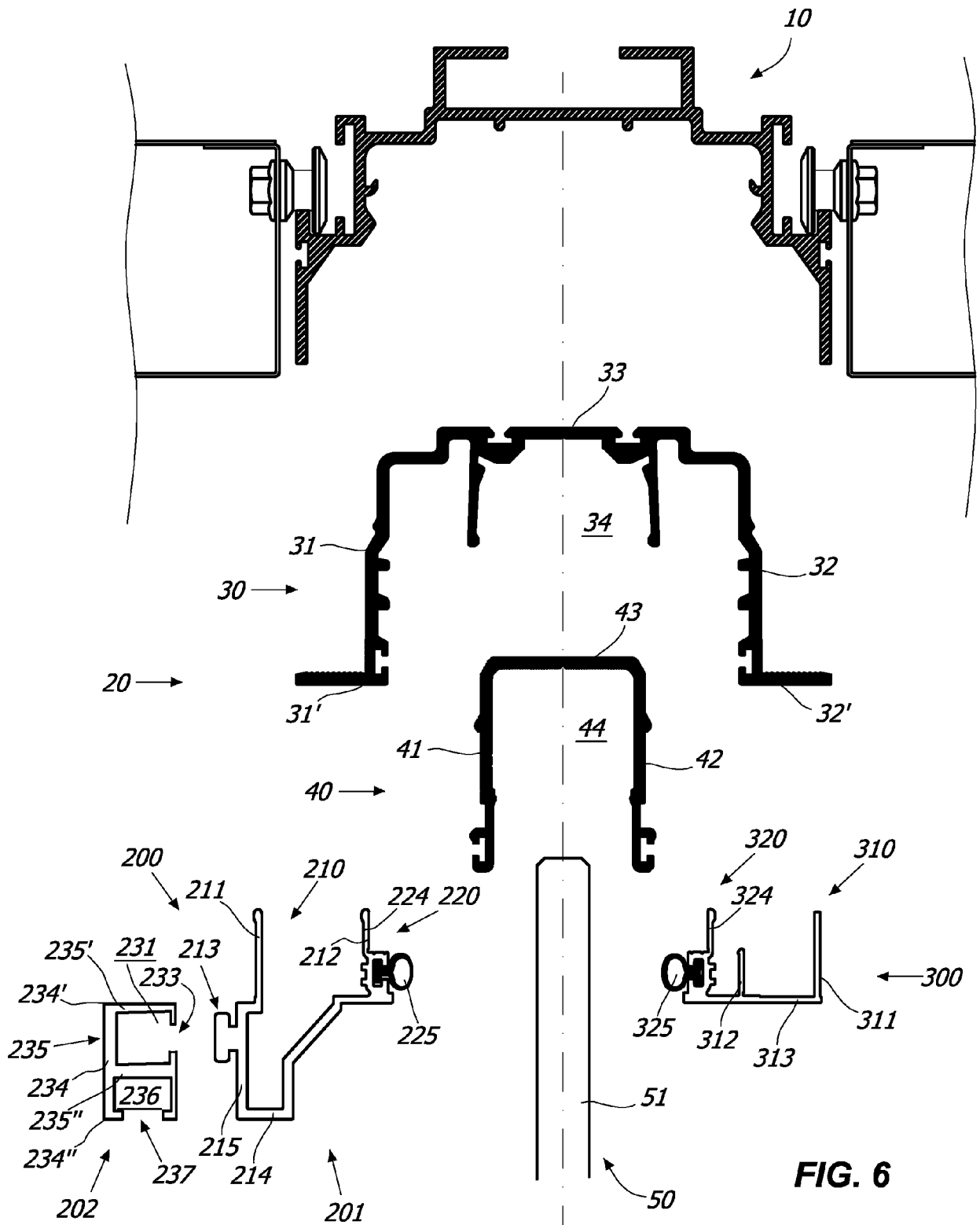


FIG. 6

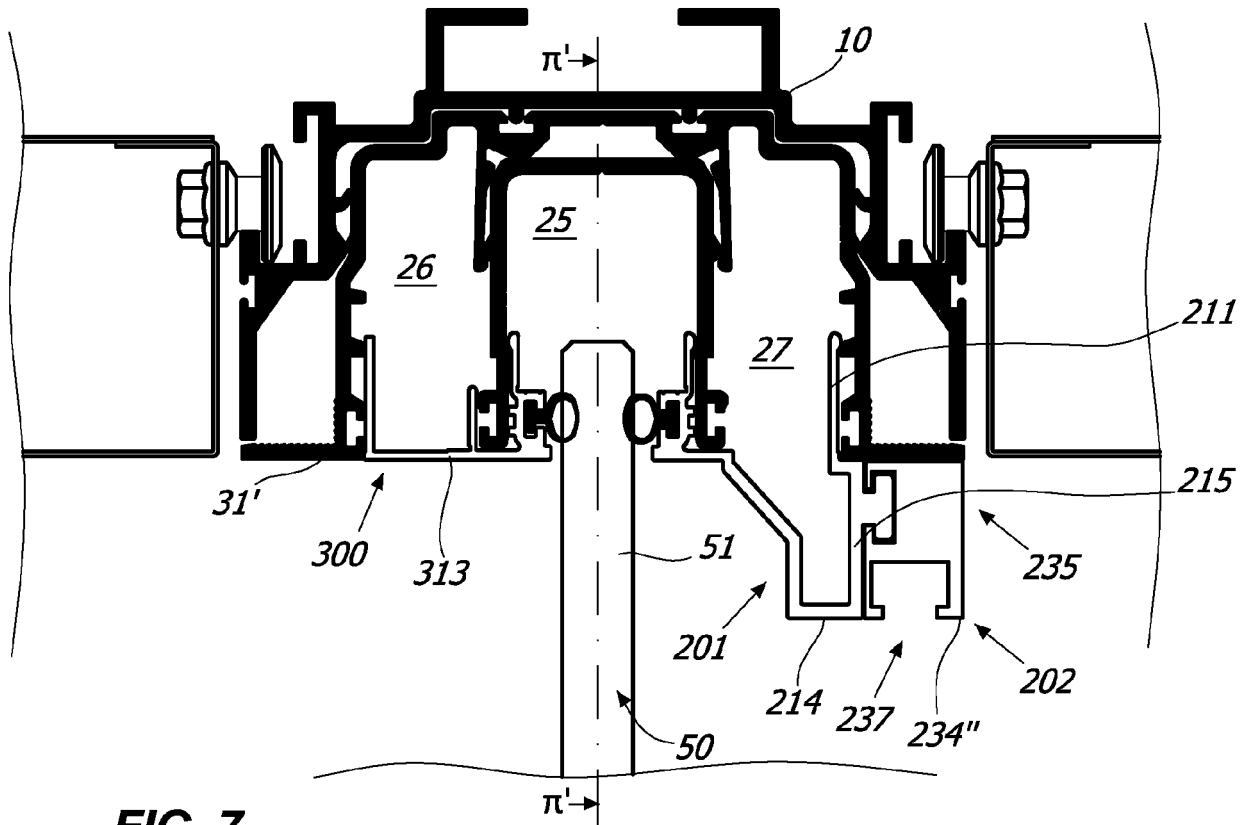


FIG. 7

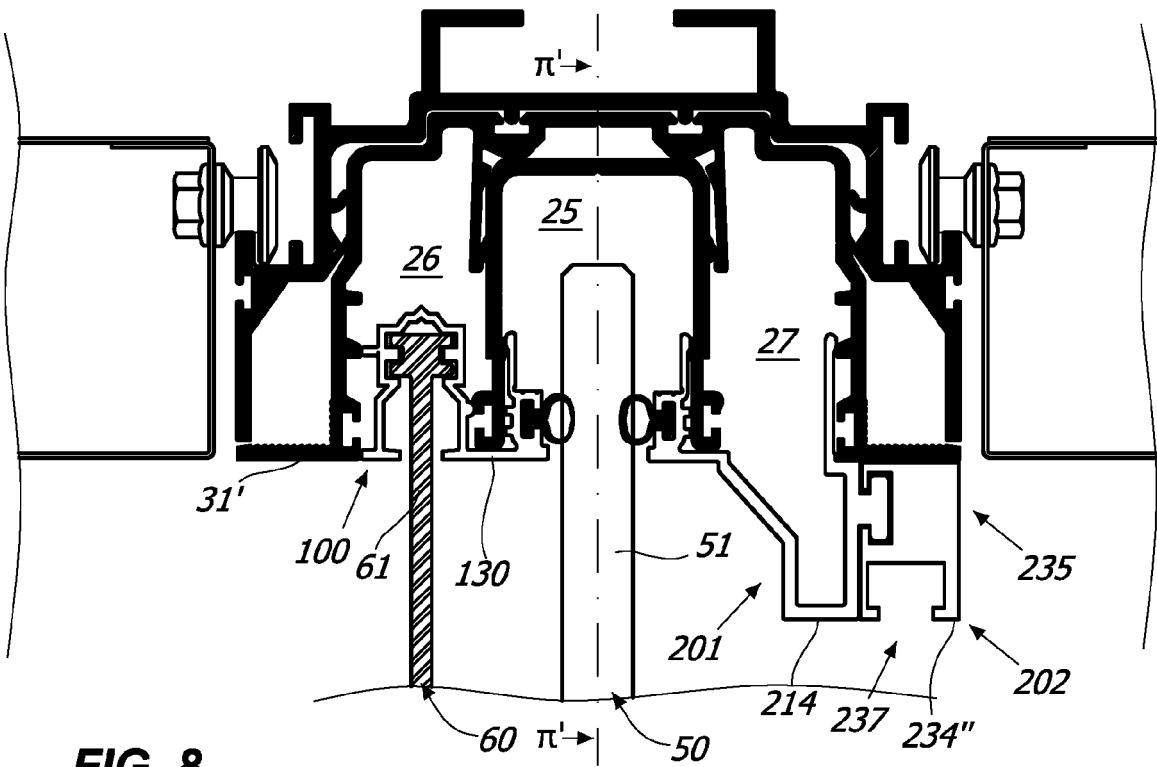
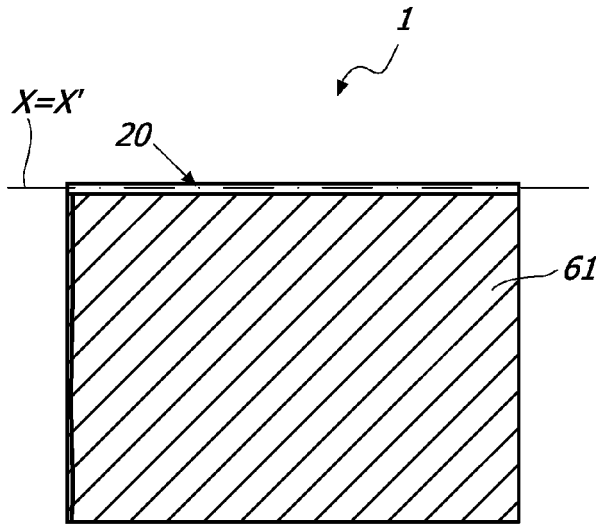
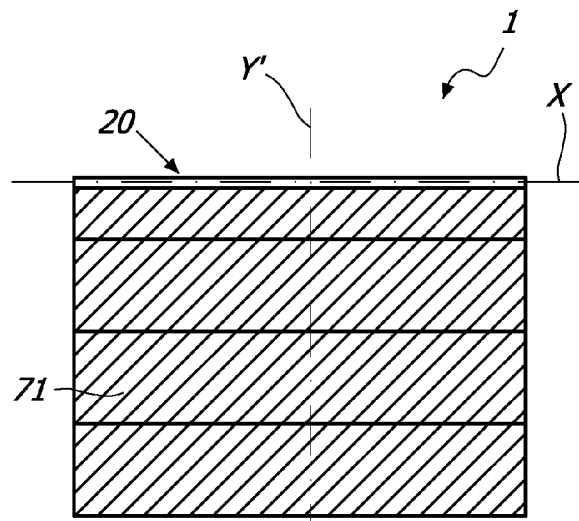


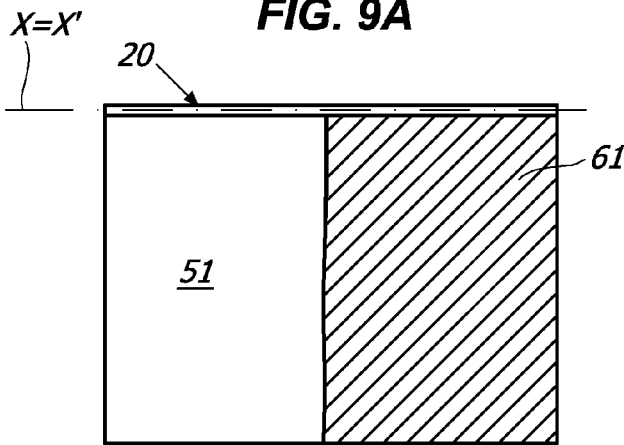
FIG. 8



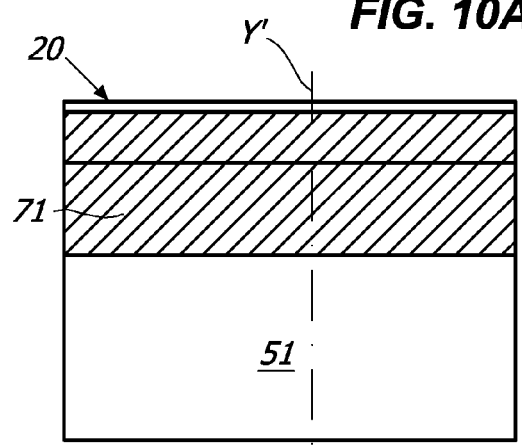
**FIG. 9A**



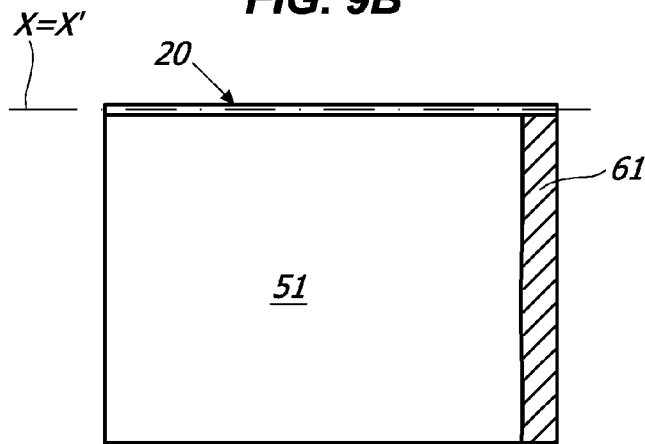
**FIG. 10A**



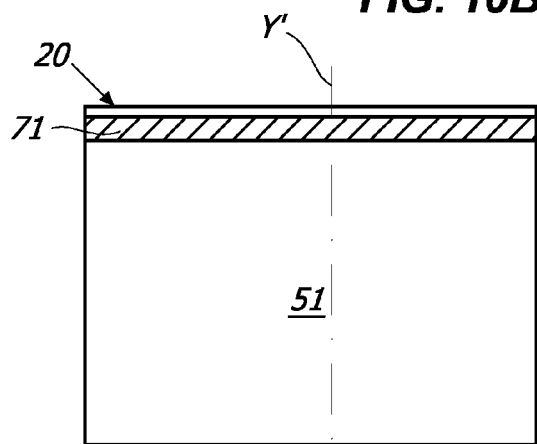
**FIG. 9B**



**FIG. 10B**

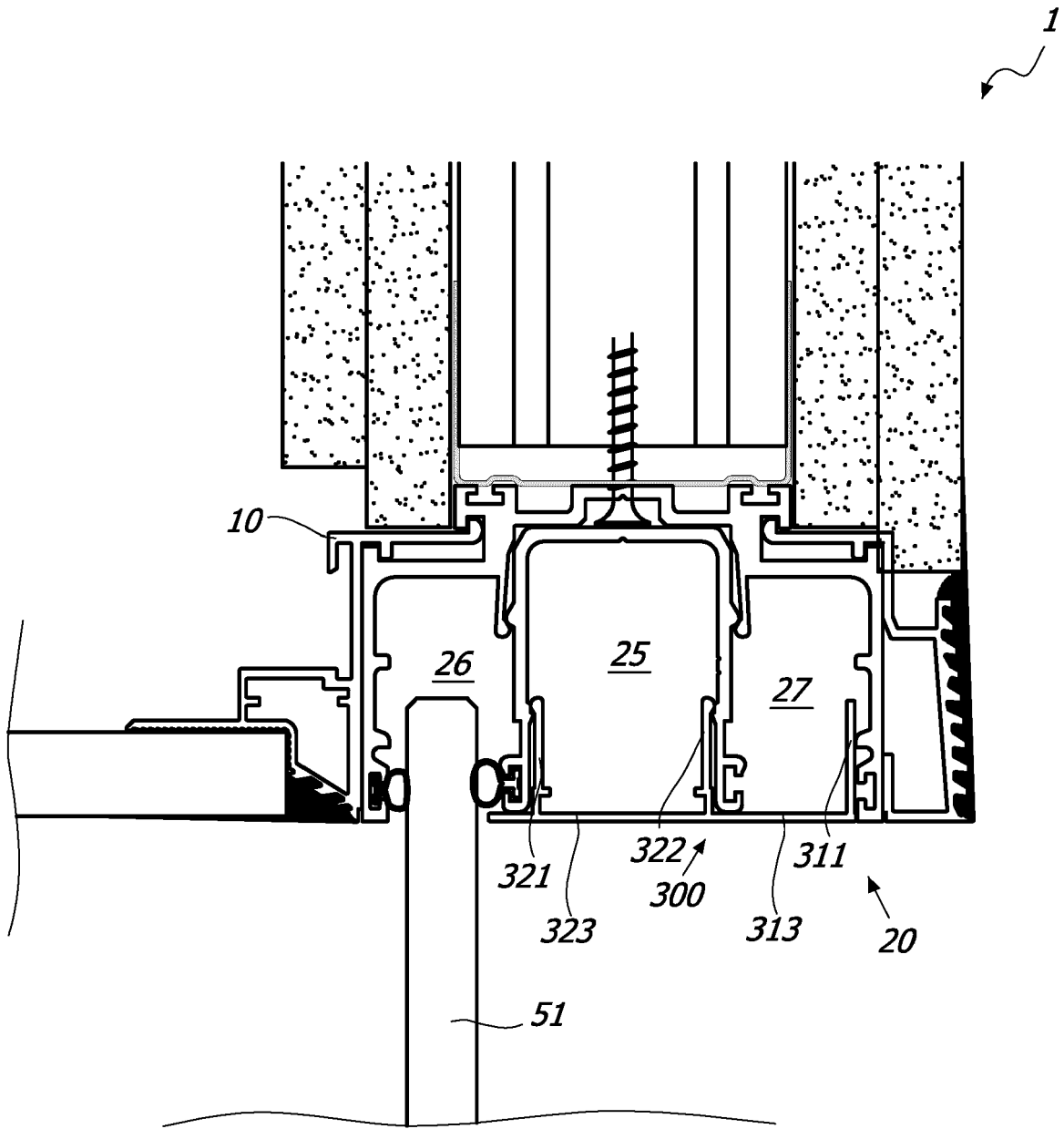


**FIG. 9C**

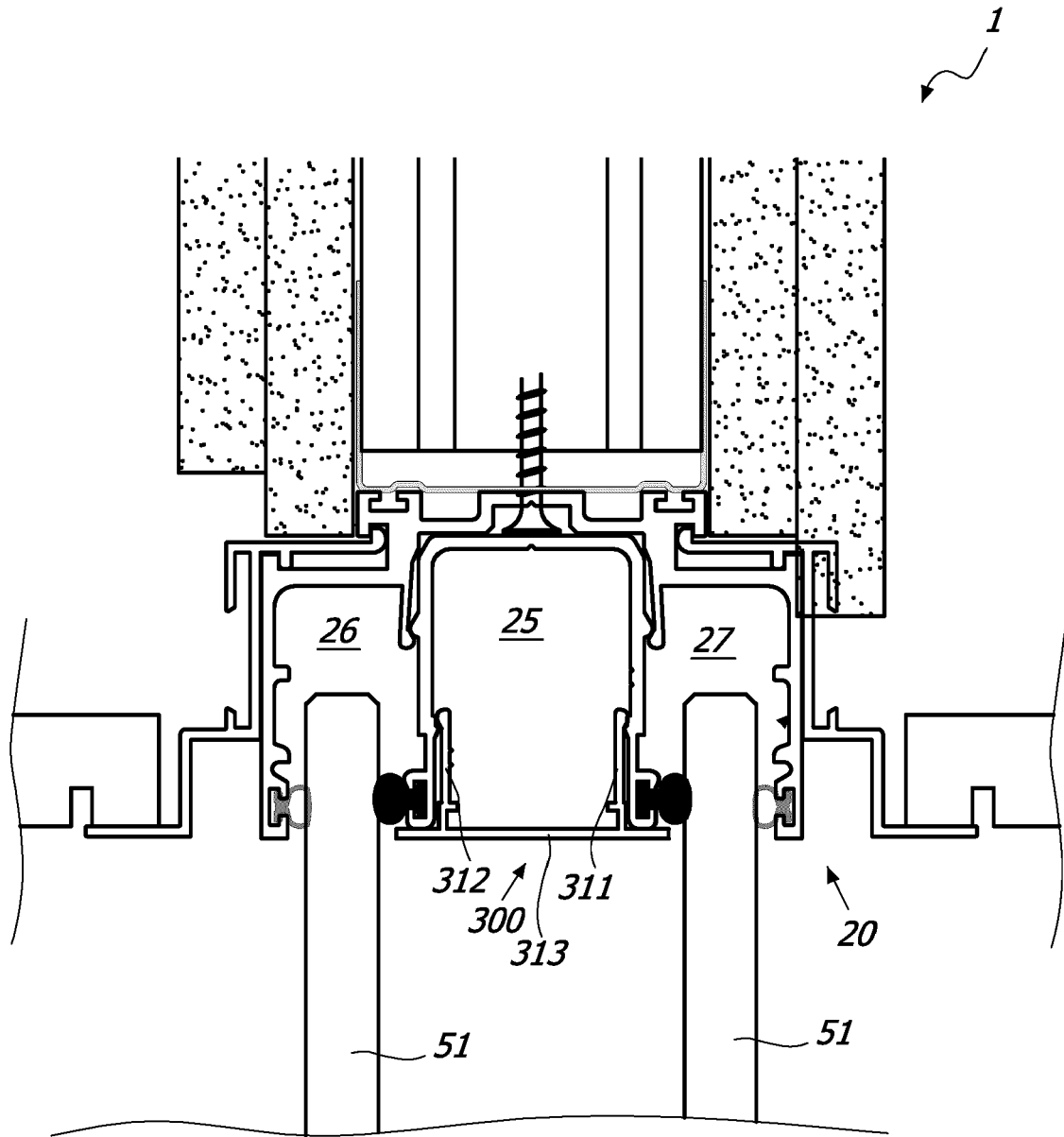


**FIG. 10C**





**FIG. 11**



**FIG. 12**



EUROPEAN SEARCH REPORT

Application Number

EP 22 16 7013

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DOCUMENTS CONSIDERED TO BE RELEVANT

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			E04B E06B A47K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		30 August 2022	López-García, G
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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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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30-08-2022

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