

Title (en)
Door or window sash

Title (de)
Tür- oder Fensterschiebeflügel

Title (fr)
Verrouillage de porte ou fenêtre

Publication
EP 2722473 A3 20161109 (EN)

Application
EP 13188629 A 20131015

Priority
IT BO20120566 A 20121017

Abstract (en)
[origin: EP2722473A2] A door or window sash comprises a main body (1) having an insulating chamber (2) bilaterally obtained from corresponding glazing panels (3, 4) whose size is larger than the size of the chamber (2) so as to form a perimetric compartment (5) open towards the outside; the first glazing panel (3) is larger in the dimensions of its perimeter than the second glazing panel (4) so that it projects from the bottom of the compartment (5) to a depth (P3) which is greater than the depth (P4) of the second glazing panel (4); a rigid inner frame (6) composed of a profiled section (7, 8) for each side of the compartment (5) and housed inside the selfsame perimetric compartment (5); each profiled section (7, 8) is joined at the ends of it to corresponding contiguous profiled sections (8, 7) through the agency of respective joint means (9); each of the profiled sections (7, 8) defines an accessorized zone, open to the outside, housing hinge means (10) which, in use, connect the main body (1) along a vertical axis (Z) to a fixed frame (11), and housing also means (12) which, in use, operate and/or drive the sash (100) in such a way as to allow it at least to turn about the vertical axis (Z); the joint means comprise a reference and joining member for each pair of ends of the profiled sections (7, 8); each reference and joining member (9) has a central body (13) provided with two contact surfaces, at an angle to each other, for the corresponding ends of the profiled sections (7, 8) to be joined and in such a way as to form a corner for joining the frame (6); a first wing (14) and a second wing (15), protruding from the angled surfaces of the central body (13) and configured to be coupled within tubular chambers (7a, 8a) formed by the corresponding profiled sections (7, 8); a third wing (16) protruding laterally from one end of the central body (13) and configured to contain, in abutment, the edges of the corner of the second glazing panel (4) in such a way as to define an external reference point when the reference and joining member (9) is placed in the compartment (5).

IPC 8 full level
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CPC (source: EP)
E06B 3/025 (2013.01); **E06B 3/365** (2013.01); **E06B 3/9641** (2013.01); **E06B 3/6617** (2013.01)

Citation (search report)
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• [YA] WO 2010097776 A1 20100902 - GSG INT SPA [IT], et al
• [A] EP 0361604 A1 19900404 - ATLAS ISOLATIES PV [BE]

Cited by
CN113719224A; PL422191A1; CN111779428A; EP3382133A1; US10378270B2; US10641033B2

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (application)
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