

Title (en)

Sliding door comprising a section joint profile and method of making a sliding door

Title (de)

Sektionaltür mit Verbindungsprofil zwischen den Paneelen und Herstellungsverfahren einer Sektionaltür

Title (fr)

Porte en sections comprenant un profil de joint entre les sections et un procédé de fabrication d'une porte en section

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Application

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Priority

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Abstract (en)

This invention discloses a sliding door (1; 101; 201), comprising at least two adjacent panels (2; 102; 202), said panels having a first (3; 103; 203) and a second lateral face (4; 104; 204), said two panels extend in a first direction along which said panels are directed towards each other with one of said first (3, 103, 203) and one of said second lateral faces (4, 104, 204), which two panels are hinged together by means of hinges (5, 105, 205) and forming a panel section joint (6, 106, 206) comprising said first and second lateral face and a hinge axis propagating near the inside surface (7, 107, 207) of said door, said first lateral face (3, 103, 203) comprising a front nose portion (8, 108, 208) extending adjacent to the outside surface (9, 109, 209) of the door as seen from the side, said second lateral face (4, 104, 204) of said section joint comprising a profile attaching portion (10, 110, 210). Attached to said profile attaching portion is a sloping profile (11, 111, 211) which faces away from the hinge axis and extends obliquely in a direction away from said second lateral face (4, 104, 204) towards the inside surface (7, 107, 207) of the door, said sloping profile (11, 111, 211) comprising a sealing member (12, 112, 212) which is deformable at the outside (15, 115, 215) of the door and between the two panel sections. Furthermore, the invention relates to a method for manufacture such sliding door.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- FR 1310605 A 19621130
- US 3941180 A 19760302 - THILL TIMOTHY N
- EP 1072750 A1 20010131 - NIEMETZ TORSYSTEME GMBH [DE]

Citation (search report)

- [X] DE 4414812 C1 19951109 - GUMPP MARTIN [DE]
- [X] EP 1048814 A1 20001102 - CARDO DOOR CONTINENTAL B V [NL]

Cited by

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DOCDB simple family (publication)

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