

Title (en)
Fire-resistant sliding door

Title (de)
Feuerfeste Schiebetür

Title (fr)
Porte coulissante coupe-feu

Publication
EP 0854265 B1 20041006 (EN)

Application
EP 98850003 A 19980112

Priority
SE 9700093 A 19970115

Abstract (en)
[origin: EP0854265A2] In a fire-resistant sliding door (1) comprising a frame (2) and two door leaves (3, 4) the frame and the door leaves comprise vertical interconnected steel profile sections (5) framed by fire-retardant sheets of glass (6). The door leaves (3, 4) are suspended in aligned relationship from the door frame (2) and are displaceable forwards and backwards in the door-frame plane between a closed position © , wherein the confronting front edges (13, 14) of the door leaves abut against one another via a gasket (15) in order to close a through-passage opening (16) in said frame (2), and an open position allowing passage-through by way of said opening (16). The gasket (15) comprises a vertical strip seal (17) of U-shaped configuration the web portion (18) of which is connected to the front edge (13) of one (3) of the door leaves while the two flanges (19) of said seal are arranged, upon closing of the door, to be moved into fire-resisting and sealing abutment against the front edge of the other door leaf (4), and also a vertical U-shaped steel profile section (24) the two flanges (25) of which are connected to the front edge (14) of the opposite door leaf (4) opposite the strip seal (17) and the web portion (27) of which is arranged, upon closing of the door, to be moved together with the flanges (25) into fire-resisting and sealing abutment against the side walls of the U-shaped channel (29) of the strip seal (17). <IMAGE>

IPC 1-7
E06B 5/16; E06B 3/46; E06B 7/23

IPC 8 full level
E06B 3/46 (2006.01); **E06B 5/16** (2006.01); **E06B 7/23** (2006.01); **E06B 7/232** (2006.01)

CPC (source: EP)
E06B 3/4618 (2013.01); **E06B 5/162** (2013.01); **E06B 5/164** (2013.01); **E06B 7/2301** (2013.01); **E06B 7/232** (2013.01)

Cited by
EP2767661A3; CN105927111A; JP2017115513A; JP2015190108A; JP2019035226A; EP2400099B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0854265 A2 19980722; **EP 0854265 A3 19981209**; **EP 0854265 B1 20041006**; AT E278865 T1 20041015; DE 69826738 D1 20041111; SE 506293 C2 19971201; SE 9700093 D0 19970115; SE 9700093 L 19971201

DOCDB simple family (application)
EP 98850003 A 19980112; AT 98850003 T 19980112; DE 69826738 T 19980112; SE 9700093 A 19970115