

Title (en)
Suspension guide for sliding doors

Title (de)
Tragschiene für Schiebetore

Title (fr)
Rail de guidage pour portes coulissantes

Publication
EP 1705327 B1 20101006 (EN)

Application
EP 06111675 A 20060324

Priority
IT MI20050513 A 20050325

Abstract (en)
[origin: EP1705327A2] The suspension guide for sliding doors is formed from channel-shaped steel profiles (30.1, 30.2) disposed one following the other. A first lateral wall (32) of each channel profile (30.1, 30.2) is intended to be fixed to the relative constructional support element, whereas the second lateral wall (34) is bent outwards and downwards to create both a longitudinal slide track for the support wheels of the sliding door and a lowerly open longitudinal groove (36) for fixing, to the adjacent end portions of contiguous channel profiles (30.1, 30.2), a male element (40) and respectively a female element (44) which are able to mate in a longitudinal direction to ensure alignment between the various parts (34) forming the slide track. Joint cover means (54) can be provided to at least partially reestablish the structural continuity of the first lateral wall (32) of the various channel profiles (30.1, 30.2).

IPC 8 full level
E05D 15/06 (2006.01)

CPC (source: EP)
E05D 15/0652 (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2900/132** (2013.01)

Cited by
EP2284346A3; US10053900B2; RU2617383C2; RU2617383C9; US11098512B2; EP2815136B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1705327 A2 20060927; EP 1705327 A3 20091202; EP 1705327 B1 20101006; AT E483883 T1 20101015; DE 602006017287 D1 20101118; IT MI20050513 A1 20060926

DOCDB simple family (application)
EP 06111675 A 20060324; AT 06111675 T 20060324; DE 602006017287 T 20060324; IT MI20050513 A 20050325