

Title (en)

Roller support for sliding doors

Title (de)

Laufrollenträger für Schiebetüren

Title (fr)

Support de galet pour porte coulissante

Publication

EP 1388631 B1 20080305 (DE)

Application

EP 03015865 A 20030711

Priority

DE 20212222 U 20020808

Abstract (en)

[origin: EP1388631A2] A sliding door gear has u-shaped brackets fitted to the top of the door and with the larger flanges secured to the door. The shorter flanges are fitted with wheels which run in a rail fixed to the door frame. A slider on the top of each bracket is moved to grip under the lipped top edge of the guide rail preventing the sliding gear from jumping out of the guide track. The slider is secured in either setting by clip grips, and is retracted when the door is unhung from the track. The slider can be metal or plastic and is fitted into a slot in the top of the bracket.

IPC 8 full level

E05D 15/06 (2006.01); **E06B 3/42** (2006.01); **E05D 15/08** (2006.01)

CPC (source: EP)

E05D 15/063 (2013.01); **E05D 15/08** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/614** (2013.01); **E05Y 2201/676** (2013.01); **E05Y 2600/20** (2013.01); **E05Y 2600/312** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

WO2012175618A1; EP2336468A3; EA017946B1; EP2538009A3; ITUB20154705A1; EP1700554A3; EP3101209A1; DE202014103099U1; EP1700554A2; DE102015116612A1; WO2017055340A1; DE102014109437A1; DE102017003073A1; US9482040B2; EP2384386B1; EP2538009B1; EP2538009A2; EP2384386A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

LT LV

DOCDB simple family (publication)

EP 1388631 A2 20040211; **EP 1388631 A3 20060301**; **EP 1388631 B1 20080305**; AT E388295 T1 20080315; DE 20212222 U1 20021002; DE 50309296 D1 20080417; DK 1388631 T3 20080707; ES 2302882 T3 20080801; PL 204035 B1 20091231; PL 361548 A1 20040209; RU 2003125205 A 20050220; RU 2317391 C2 20080220

DOCDB simple family (application)

EP 03015865 A 20030711; AT 03015865 T 20030711; DE 20212222 U 20020808; DE 50309296 T 20030711; DK 03015865 T 20030711; ES 03015865 T 20030711; PL 36154803 A 20030804; RU 2003125205 A 20030807