

Title (en)

SLIDING DOOR SYSTEM AND A METHOD OF ABSORBING FORCES IN A SLIDING DOOR SYSTEM

Title (de)

SCHIEBETÜRSYSTEM UND VERFAHREN ZUR ABSORPTION VON KRÄFTEN IN EINEM SCHIEBETÜRSYSTEM

Title (fr)

SYSTÈME DE PORTE COULISSANTE ET PROCÉDÉ D'ABSORPTION DE FORCES DANS UN SYSTÈME DE PORTE COULISSANTE

Publication

**EP 3478913 B1 20240410 (EN)**

Application

**EP 17820666 A 20170630**

Priority

- SE 1650952 A 20160630
- SE 2017050738 W 20170630

Abstract (en)

[origin: WO2018004450A1] A sliding door system (400) for a cabinet (300), having at least one centre beam (308) dividing the cabinet (300) in at least two vertically extending compartments, is disclosed. The sliding door system (400) comprises a guide rail (200, 250) for supporting a sliding door (404); and at least a first bracket (100a, 100d) and a second bracket (100b, 100c) for securing the guide rail (200, 250) in front of the cabinet (300). The first bracket (100a, 100d) is mounted on a side wall (302) of the cabinet (300) and the second bracket (100b, 100c) is mounted on a side of the centre beam (308) that faces away from the side wall (302) with the mounted first bracket (100a, 100d); whereby a force acting on the guide rail (200, 250) from an associated sliding door (404) will at least partly be absorbed by the second bracket (100b, 100c) and the centre beam (308). A method for absorbing forces during use of a sliding door system is also disclosed.

IPC 8 full level

**A47B 95/00** (2006.01); **E05B 65/08** (2006.01); **E05C 19/06** (2006.01); **E05D 15/06** (2006.01); **E05F 5/00** (2017.01); **E06B 3/46** (2006.01); **E05B 65/44** (2006.01); **E05D 15/08** (2006.01)

CPC (source: EP)

**E05B 65/08** (2013.01); **E05C 19/06** (2013.01); **E05D 15/06** (2013.01); **E05D 15/0647** (2013.01); **E05D 15/0652** (2013.01); **E05F 5/003** (2013.01); **E06B 3/46** (2013.01); **E05B 65/44** (2013.01); **E05D 15/08** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2900/20** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018004450 A1 20180104**; CN 109477353 A 20190315; CN 109477353 B 20220111; EP 3478913 A1 20190508; EP 3478913 A4 20200212; EP 3478913 B1 20240410

DOCDB simple family (application)

**SE 2017050738 W 20170630**; CN 201780041218 A 20170630; EP 17820666 A 20170630