

Title (en)  
SLIDING DOOR ASSEMBLY

Title (de)  
SCHIEBETÜRANLAGE

Title (fr)  
INSTALLATION DE PORTE COULISSANTE

Publication  
**EP 3445935 B1 20210224 (DE)**

Application  
**EP 17716200 A 20170406**

Priority  
• EP 16166287 A 20160420  
• EP 2017058248 W 20170406

Abstract (en)  
[origin: CA3019639A1] The invention relates to a sliding-door system comprising a rail device (10A; 10B). The rail device comprises a mounting rail (2A, 2B) that can be mounted in a building, a travel rail (1A, 1B), in which at least two travel units (63) connected to a sliding door (6) are slidably mounted, and a plurality of coupling devices (3A; 3B, 4A; 4B), by means of which the travel rail (1A, 1B) and the mounting rail (2A, 2B) are detachably connected to each other and which each comprise a coupling head (3A, 3B), which is connected to the travel rail (1B) or to the mounting rail (2A) and has a coupling plate (32) and a coupling neck (31) and can be anchored in a coupling opening (4A; 4B), which is provided in the mounting rail (2B) or the travel rail (1A) and comprises a first opening part (41), the diameter of which is greater than the diameter of the coupling plate (32), and a second opening part (42), which adjoins the first opening part and the diameter of which is greater than the diameter of the coupling neck (31) but smaller than the diameter of the coupling plate (32). According to the invention, a ramp (52) is provided at least on one side of the coupling head (3A, 3B), which ramp rises toward the coupling neck (31) and away from the coupling plate (32).

IPC 8 full level  
**E05D 15/06** (2006.01)

CPC (source: EP US)  
**E05D 15/0652** (2013.01 - EP US); **E06B 3/4654** (2013.01 - US); **E05Y 2201/48** (2013.01 - EP US); **E05Y 2600/524** (2013.01 - EP US); **E05Y 2600/528** (2013.01 - EP US); **E05Y 2600/628** (2013.01 - EP US); **E05Y 2600/63** (2013.01 - EP US); **E05Y 2800/35** (2013.01 - EP US); **E05Y 2800/422** (2013.01 - EP US); **E05Y 2900/14** (2013.01 - EP US)

Citation (examination)  
DE 29908332 U1 19991028 - HERMANN FRANCKSEN NACHF GMBH & [DE]

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)  
**EP 3235983 A1 20171025**; AU 2017253848 A1 20181025; AU 2017253848 B2 20220303; CA 3019639 A1 20171026; CA 3019639 C 20230509; CN 109072648 A 20181221; CN 109072648 B 20200811; EP 3445935 A1 20190227; EP 3445935 B1 20210224; ES 2870525 T3 20211027; JP 2019515160 A 20190606; JP 7113512 B2 20220805; NZ 746656 A 20210129; SG 11201808433Y A 20181129; TW 201738452 A 20171101; TW I717499 B 20210201; US 10724281 B2 20200728; US 2019112854 A1 20190418; WO 2017182286 A1 20171026

DOCDB simple family (application)  
**EP 16166287 A 20160420**; AU 2017253848 A 20170406; CA 3019639 A 20170406; CN 201780024619 A 20170406; EP 17716200 A 20170406; EP 2017058248 W 20170406; ES 17716200 T 20170406; JP 2018551302 A 20170406; NZ 74665617 A 20170406; SG 11201808433Y A 20170406; TW 106113130 A 20170419; US 201716090355 A 20170406