

Title (en)

RUNNING GEAR ARRANGEMENT HAVING A GUIDE RAIL FOR A SLIDING DOOR

Title (de)

LAUFWERKSANORDNUNG MIT EINER FÜHRUNGSSCHIENE FÜR EINE SCHIEBETÜR

Title (fr)

AGENCEMENT DE MÉCANISME DE ROULEMENT COMPRENANT UN RAIL DE GUIDAGE POUR PORTE COULISSANTE

Publication

EP 2687661 B1 20160817 (DE)

Application

EP 13004804 A 20101217

Priority

- CH 19502009 A 20091218
- EP 10801103 A 20101217

Abstract (en)

[origin: WO2011079400A1] By means of a sliding device (13), which is guided on the ceiling (3) or under the floor (7) of a closet (1) in a rail element (19), the sliding door (15) can be synchronously pulled away from the closet (1) in a parallel manner and then slid. In order to also guide the lower edge of the sliding door (15), the motion of the sliding door can be transmitted from the upper edge of the sliding door to the lower edge by means of a transmission shaft. No cavities or guide grooves have to be formed on the closet (1) or the floor (7), ceiling (9), side walls (3), or partition wall (5) thereof.

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: EP US)

E05D 15/10 (2013.01 - EP US); **E05D 15/1042** (2013.01 - EP US); **E05D 2015/1039** (2013.01 - EP US); **E05Y 2201/412** (2013.01 - EP US); **E05Y 2201/488** (2013.01 - EP US); **E05Y 2201/604** (2013.01 - EP US); **E05Y 2201/62** (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2201/706** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP US); **E05Y 2800/205** (2013.01 - EP US); **E05Y 2800/21** (2013.01 - EP US); **E05Y 2800/73** (2013.01 - EP US); **E05Y 2900/00** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

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)

CH 702441 A1 20110630; BR 112012014840 A2 20170919; CN 102713120 A 20121003; CN 102713120 B 20150715; DE 212010000193 U1 20121122; EP 2513398 A1 20121024; EP 2513398 B1 20141203; EP 2687661 A1 20140122; EP 2687661 B1 20160817; ES 2531476 T3 20150316; ES 2604029 T3 20170302; JP 2013514468 A 20130425; JP 5762438 B2 20150812; US 2012260460 A1 20121018; US 8763205 B2 20140701; WO 2011079400 A1 20110707

DOCDB simple family (application)

CH 19502009 A 20091218; BR 112012014840 A 20101217; CH 2010000315 W 20101217; CN 201080057674 A 20101217; DE 212010000193 U 20101217; EP 10801103 A 20101217; EP 13004804 A 20101217; ES 10801103 T 20101217; ES 13004804 T 20101217; JP 2012543433 A 20101217; US 201013514417 A 20101217