

Title (en)
SLIDING DOOR MODULE/PIVOTING SLIDING DOOR MODULE HAVING FLOATING MOUNTING OF A RACK OF A RACK-AND-PINION DRIVE

Title (de)
SCHIEBETÜRMODUL/SCHWENKSCHIEBETÜRMODUL MIT FLIEGENDER LAGERUNG EINER ZAHNSTANGE EINES ZAHNSTANGENANTRIEBS

Title (fr)
MODULE DE PORTE COULISSANTE/MODULE DE PORTE LOUVOYANTE-COULISSANTE À MONTAGE EN PORTE-À-FAUX D'UNE CRÉMAILLÈRE D'UN ENTRAÎNEMENT À CRÉMAILLÈRE

Publication
EP 3049307 A1 20160803 (DE)

Application
EP 14795936 A 20140919

Priority

- AT 506042013 A 20130923
- AT 506072013 A 20130923
- AT 2014050212 W 20140919

Abstract (en)
[origin: WO2015039159A1] The invention relates to a sliding door module/pivoting sliding door module (1) for a rail vehicle, which comprises a door leaf (21, 22) and a support (3), which is aligned longitudinally in the sliding direction of the door leaf (21, 22) and is mounted such that the support (3) can be displaced in the horizontal direction in particular transversely to the longitudinal extent thereof. The sliding door module/pivoting sliding door module (1) also has a linear guide for mounting the door leaf (21, 22), which is fastened to or integrated in the support (3). The door leaves (21, 22) are moved with the aid of a rack-and-pinion drive. The rack-and-pinion drive has a rack (71, 72), which is coupled only in the first end region thereof to the door leaf (21, 22), and the floating end of which is engaged with a gearwheel (9) that is mounted rotatably in the support (3).

IPC 8 full level
B61D 19/00 (2006.01)

CPC (source: EP US)
B61D 19/00 (2013.01 - EP US); **B61D 19/005** (2013.01 - US); **E05D 15/0604** (2013.01 - US); **E05D 15/0652** (2013.01 - US); **E05F 15/00** (2013.01 - US); **E06B 3/4636** (2013.01 - US); **E06B 3/50** (2013.01 - US); **E05Y 2900/51** (2013.01 - US)

Citation (search report)
See references of WO 2015039159A1

Citation (examination)
US 2010188177 A1 20100729 - INAGE AKIO [JP]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015039159 A1 20150326; AU 2014324064 B2 20171019; BR 112016005890 A2 20170801; CA 2925505 A1 20150326; CN 105745136 A 20160706; CN 105745136 B 20180904; EP 3049307 A1 20160803; JP 2016538170 A 20161208; RU 2016115913 A 20171026; RU 2640665 C2 20180111; US 2016237731 A1 20160818; US 9874050 B2 20180123

DOCDB simple family (application)
AT 2014050212 W 20140919; AU 2014324064 A 20140919; BR 112016005890 A 20140919; CA 2925505 A 20140919; CN 201480058769 A 20140919; EP 14795936 A 20140919; JP 2016516584 A 20140919; RU 2016115913 A 20140919; US 201415024263 A 20140919