

Title (en)

Device for the movement of a door leaf of a swinging sliding door, especially for railway vehicles

Title (de)

Einrichtung zur Bewegung des Türblattes einer Schwenkschiebetür, insbesondere für Schienenfahrzeuge

Title (fr)

Dispositif pour le mouvement d'un vantail de porte d'une porte pivotante coulissante, notamment pour véhicules ferroviaires

Publication

EP 1767427 B1 20081210 (DE)

Application

EP 05020740 A 20050923

Priority

EP 05020740 A 20050923

Abstract (en)

[origin: EP1767427A1] The device has a guide with two linearly movable guiding units (16, 17) that are movable oppositely and synchronously by a roller (13) and a drive belt (15). A lever system (20) stays in contact with the unit (16) in a transverse direction during movement of a door leaf (1). The unit (17) stays in connection with a guide arm (6) for longitudinal shifting of the leaf. A suspension bolt (9) fastened at the arm is positively driven in a curved section of a guide plate (8). The arm arrives in contact with a control plate (19) that is arranged at the unit (17).

IPC 8 full level

B61D 19/00 (2006.01); **B61D 19/02** (2006.01); **E05D 15/10** (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP)

B61D 19/008 (2013.01); **B61D 19/02** (2013.01); **E05D 15/1044** (2013.01); **E05D 15/1068** (2013.01); **E05F 15/646** (2015.01); **E05D 2015/1055** (2013.01); **E05D 2015/1078** (2013.01); **E05D 2015/1092** (2013.01); **E05Y 2900/51** (2013.01)

Cited by

CN111021931A; GB2532176A; GB2532176B; EP2899092A1; CN108756569A; EP2604488A4; GB2548318A; CN111247303A; EP3561208A1; US2012273172A1; EP3216957A1; RU2731940C2; EP2287428A3; WO2017118699A1; WO2017153904A1; WO2021082210A1; WO2015022364A1; US10883295B2; JP2014522340A; TWI501892B; US9316030B2; US9403422B2; US9797171B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1767427 A1 20070328; **EP 1767427 B1 20081210**; AT E416960 T1 20081215; DE 502005006218 D1 20090122

DOCDB simple family (application)

EP 05020740 A 20050923; AT 05020740 T 20050923; DE 502005006218 T 20050923