

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 A1 20070328 (DE)**

Application

**EP 05020740 A 20050923**

Priority

EP 05020740 A 20050923

Abstract (en)

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)

Citation (applicant)

- DE 4316253 A1 19941117 - BODE & CO GEB [DE]
- DE 10116583 A1 20021017 - FAHRZEUGTECHNIK DESSAU GMBH RA [DE]

Citation (search report)

- [A] EP 0716004 A1 19960612 - BODE & CO GEB [DE]
- [A] EP 1314626 A1 20030528 - BODE GMBH & CO KG [DE]
- [A] EP 1040979 A2 20001004 - BODE GMBH & CO KG [DE]
- [A] EP 0320591 A2 19890621 - BODE & CO GEB [DE]

Cited by

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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