

Title (en)

LINEAR DRIVE FOR SLIDING DOORS OR THE LIKE

Title (de)

LINEARANTRIEB FÜR SCHIEBETÜREN ODER DERGLEICHEN

Title (fr)

ENTRAÎNEMENT LINÉAIRE POUR PORTES COULISSANTES OU SIMILAIRES

Publication

EP 2188476 B1 20140108 (DE)

Application

EP 08784885 A 20080718

Priority

- EP 2008005906 W 20080718
- DE 102007038844 A 20070816

Abstract (en)

[origin: WO2009021596A1] The invention relates to linear drives (1) based on linear motors for parts that are movable along a respective travel path, particularly for sliding doors. A linear drive (1) according to the invention for at least one part movable along a respective travel path, particularly a sliding door wing (4), comprises at least one linear motor for said at least one part. The linear motor is provided with a stator part (3) and a glider (2). The linear drive (1) further comprises a drive circuit. The drive circuit is equipped to check the linear motor in the case of a lack of power supply for the linear motor by disconnecting and operating the linear motor as a generator. Said movable part is then released with regard to the movability thereof by the drive circuit. In addition, the linear drive (1) according to the invention comprises a switching means for disconnecting the power supply of the at least one linear motor.

IPC 8 full level

H02P 25/06 (2016.01); **E05F 5/00** (2006.01); **E05F 15/60** (2015.01); **H02P 25/064** (2016.01)

CPC (source: EP US)

E05F 5/003 (2013.01 - EP US); **E05F 15/60** (2015.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007038844 A1 20090219; CN 101784742 A 20100721; CN 101784742 B 20130821; EP 2188476 A1 20100526; EP 2188476 B1 20140108; ES 2456818 T3 20140423; JP 2010537608 A 20101202; JP 5425072 B2 20140226; US 2011190940 A1 20110804; US 8456111 B2 20130604; WO 2009021596 A1 20090219

DOCDB simple family (application)

DE 102007038844 A 20070816; CN 200880103207 A 20080718; EP 08784885 A 20080718; EP 2008005906 W 20080718; ES 08784885 T 20080718; JP 2010520438 A 20080718; US 67370208 A 20080718