

Title (en)

DEVICE FOR ACTUATING AN OVERHEAD DOOR

Title (de)

VORRICHTUNG ZUR BETÄTIGUNG EINES KIPPTORS

Title (fr)

DISPOSITIF D'ACTIONNEMENT D'UNE PORTE BASCULANTE

Publication

EP 2475833 B1 20140122 (DE)

Application

EP 10793155 A 20101207

Priority

- DE 102009060144 A 20091223
- EP 2010007410 W 20101207

Abstract (en)

[origin: WO2011076339A1] The invention relates to a device which is used to actuate an overhead door (1) and which has a door leaf (2) by means of which a door opening can be closed and which is guided at the sides by guide rollers (3) in guide rails (4). The device comprises a drive unit (8) which is arranged such that it can be moved in a drive rail (9) running in the direction of movement of the door leaf (2) above the door opening, and which is coupled mechanically to the door leaf (2). For the purpose of coupling to the door leaf (2), an integrally designed actuating rod (10) is provided, wherein one end of the actuating rod (10) is coupled in an articulated manner to the drive unit (8), and the second end of the actuating rod (10) is coupled in an articulated manner to an insert (14) which is guided in a rail (15) running on the inside of the door in the direction of movement of the door leaf (2). The insert (14) in the rail (15) can be displaced between two end stops (16a, 16b). The actuating rod (10) has a segment which, as the drive unit (8) starts to move out of an open position of the door leaf (2), can be guided against a stop on the door leaf (2), by which means the upper end of the door leaf (2) can be raised.

IPC 8 full level

E05D 15/44 (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP)

E05D 15/445 (2013.01); **E05F 15/668** (2015.01); **E05Y 2201/624** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2900/106** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 2011076339 A1 20110630; DE 102009060144 A1 20110630; DE 102009060144 B4 20130808; EP 2475833 A1 20120718; EP 2475833 B1 20140122

DOCDB simple family (application)

EP 2010007410 W 20101207; DE 102009060144 A 20091223; EP 10793155 A 20101207