

Title (en)

MOTOR-OPERATED DEVICE WITH SAFETY RELEASE MECHANISM FOR OPENING AND CLOSING DOORS

Title (de)

DURCH EINEN MOTOR ANGETRIEBENE VORRICHTUNG MIT SICHERHEITSFREIGABEMECHANISMUS ZUM ÖFNEN UND SCHLIESSEN VON TÜREN

Title (fr)

DISPOSITIF ACTIONNE PAR UN MOTEUR A MECANISME DE LIBERATION DE SECURITE DESTINE A OUVRIR ET A FERMER DES PORTES

Publication

EP 0727004 A1 19960821 (EN)

Application

EP 93923694 A 19931006

Priority

- SE 9300813 W 19931006
- SE 9203030 A 19921015

Abstract (en)

[origin: WO9409239A1] Device for motorised opening and closing of folding doors, panel doors, folding gates and panel gates, in the following referred to as doors, wherein the door is opened and closed by means of a motor drive transmission acting on the door and which, independent of the direction of movement of the door, will disengage the door, so that the door is released and will stop in case of an obstacle, independent of a continued motor motion. The device is characterized by a power transmission member (1) which is non-disengageably connected to the drive shaft (13) of the motor drive and rotatable about a centre (18) of rotation coaxial with said shaft; a disengageable lever (2) which also is rotatable about said centre of rotation (18); a double-armed lever (4) which also is rotatable about said centre of rotation (18); a disconnection unit (3) provided to releasably connect the disengageable lever (2) with the moment lever (4), said unit (3) being provided to release the moment lever (4) from the disengageable lever (2) if the door is hindered by an obstacle in its range of movement.

IPC 1-7

E05F 15/10

IPC 8 full level

E05F 15/00 (2006.01); **E05F 15/10** (2006.01)

CPC (source: EP)

E05F 15/41 (2015.01); **E05F 15/605** (2015.01); **E05Y 2900/132** (2013.01)

Citation (search report)

See references of WO 9409239A1

Designated contracting state (EPC)

AT DE DK GB NL SE

DOCDB simple family (publication)

WO 9409239 A1 19940428; AU 5346094 A 19940509; EP 0727004 A1 19960821; FI 951507 A0 19950329; FI 951507 A 19950329; NO 951376 D0 19950407; NO 951376 L 19950407; SE 9203030 D0 19921015; SE 9203030 L 19940416

DOCDB simple family (application)

SE 9300813 W 19931006; AU 5346094 A 19931006; EP 93923694 A 19931006; FI 951507 A 19950329; NO 951376 A 19950407; SE 9203030 A 19921015