

Title (en)

DOOR DRIVE DEVICE HAVING TRACTION MEANS MONITORING AND DOOR PROVIDED THEREWITH

Title (de)

TORANTRIEBSVORRICHTUNG MIT ZUGMITELLÜBERWACHUNGSEINRICHTUNG SOWIE DAMIT VERSEHENES TOR

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT DE PORTAIL, AVEC DISPOSITIF DE SURVEILLANCE DES MOYENS DE TRACTION, AINSI QUE PORTAIL QUI EN EST ÉQUIPÉ

Publication

EP 2459827 B1 20180418 (DE)

Application

EP 10742788 A 20100726

Priority

- DE 102009035622 A 20090731
- DE 102009049911 A 20090828
- DE 102009039623 A 20090901
- EP 2010060788 W 20100726

Abstract (en)

[origin: WO2011012571A1] The invention relates to a door drive device (11) for driving a door leaf (18) of a door (10), comprising a traction mechanism (13) designed in particular as a rope drive, the mechanism comprising a traction means monitoring device (28) for monitoring a breakdown of a traction means (Z1, Z2). In order to provide a simple design, which can be installed with particular ease, yet ensures safe operation, the traction means monitoring device (28) consists of mechanical blocking devices (150, 160) acting in opposing door movement directions and blocking when the traction means tension of an associated traction means (Z1, Z2) decreases and a load monitoring device (78) for a motor drive assembly (49) for load interruption when one of the blocking devices (150, 160) blocks.

IPC 8 full level

E05D 13/00 (2006.01)

CPC (source: EP US)

E05D 13/006 (2013.01 - EP US); **E05Y 2400/52** (2013.01 - EP US); **E05Y 2800/232** (2013.01 - EP US); **E05Y 2800/254** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Citation (examination)

DE 4428034 C1 19951102 - HOERMANN KG [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2011012571 A1 20110203; DE 202010017276 U1 20111116; EP 2459827 A1 20120606; EP 2459827 B1 20180418; PL 2459827 T3 20181231; US 2012186158 A1 20120726

DOCDB simple family (application)

EP 2010060788 W 20100726; DE 202010017276 U 20100726; EP 10742788 A 20100726; PL 10742788 T 20100726; US 201013388187 A 20100726