

Title (en)
Door drive with emergency operation device

Title (de)
Torantrieb mit Notbedieneinrichtung

Title (fr)
Dispositif d'entraînement de porte avec une commande de secours

Publication
EP 1816307 A1 20070808 (DE)

Application
EP 06015145 A 20060720

Priority
DE 202006001834 U 20060206

Abstract (en)
Door drive consists of electro engine and gearing, with emergency drive device which can be connected to it using an emergency current device. Emergency drive device consists of extra-low voltage engine, coupling and switch device to switch off the electro-engine intended for normal drive and to connect and switch on the extra-low voltage engine. In addition, the extra-low voltage engine has gearing to create a rotational speed slower than normal. An emergency current accumulator is present which can supply the coupling and the extra-low voltage engine by a simple switch connection.

Abstract (de)
Die Erfindung betrifft einen Torantrieb (10) mit Notbedieneinrichtung, wobei der Torantrieb (10) aus einem Elektromotor (16) und einem Getriebe (12) besteht. Die Notbedieneinrichtung besteht aus einem Kleinspannungsmotor (24), einem Getriebe (22), einer Kupplung (20), einem Notstromakkumulator und einer Schalteinrichtung, wobei die Schalteinrichtung zur Abschaltung des für den Normalbetrieb vorgesehenen Elektromotors (16) und zur Einschaltung und Einkupplung des Kleinspannungsmotors (24) dient.

IPC 8 full level
E06B 9/68 (2006.01)

CPC (source: EP)
E05F 15/603 (2015.01); **E05F 15/72** (2015.01); **E05F 15/668** (2015.01); **E05Y 2201/41** (2013.01); **E05Y 2201/422** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2400/612** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2800/242** (2013.01); **E05Y 2800/244** (2013.01); **E05Y 2800/246** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E06B 9/68** (2013.01)

Citation (search report)

- [XY] US 5134902 A 19920804 - HUNG CHIN S [TW]
- [Y] US 4797567 A 19890110 - PAPPAS GREG [US]
- [A] US 6924730 B1 20050802 - EVANS ROB JASON [US]
- [A] DE 2827164 A1 19800103 - GFA ANTRIEBSTECHNIK GMBH
- [A] DE 2453402 B1 19760219 - NEUKIRCHEN W U H, et al

Cited by
DE202009001549U1; EA036931B1; WO2018108424A1; US11499369B2; US10914117B2; US10829989B2

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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