

Title (en)

METHOD FOR CONTROLLING A DOOR DRIVE

Title (de)

VERFAHREN ZUM STEUERN EINES TÜRANTRIEBS

Title (fr)

PROCÉDÉ DE COMMANDE D'UN MÉCANISME D'ENTRAÎNEMENT DE PORTE

Publication

EP 2694766 B1 20150923 (DE)

Application

EP 12711822 A 20120322

Priority

- DE 102011001884 A 20110407
- EP 2012055140 W 20120322

Abstract (en)

[origin: DE102011001884B3] The method involves producing a motive force with an angle sensor to generate a signal proportional to rotational angle of the motor and belt conveyed in opening and closing directions of a door panel to the transmission of motive force on the door panel. The door panel is driven (705) into an end position. The values of the motor current and the rotation angle signal of motor are determined. The door panel is driven (709) beyond the end position. An error message is transmitted (715) when the values of the motor current and rotation angle signals are varied.

IPC 8 full level

E05F 15/643 (2015.01); **E05F 15/70** (2015.01)

CPC (source: EP)

E05F 15/643 (2015.01); **E05F 15/70** (2015.01); **E05Y 2900/104** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2999/00** (2024.05)

Citation (opposition)

- Opponent : Siemens Aktiengesellschaft,
- EP 0809163 A2 19971126 - NABCO LTD [JP]
 - US 4563625 A 19860107 - KORNBRERKE HENNING N [US], et al
 - US 6392537 B1 20020521 - TAZUMI SOICHI [JP], et al
 - EP 0429835 A1 19910605 - INVENTIO AG [CH]
 - DE 10128257 A1 20021219 - SIEMENS AG [DE]
 - JP 2009166919 A 20090730 - MITSUBISHI ELECTRIC CORP
 - WO 9514151 A1 19950526 - HOERMANN KG VERKAUFGES [DE], et al
 - EP 1653035 A2 20060503 - GRETSCH UNITAS GMBH [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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011001884 B3 20120308; EP 2694766 A1 20140212; EP 2694766 B1 20150923; EP 2694766 B2 20180815; WO 2012136485 A1 20121011

DOCDB simple family (application)

DE 102011001884 A 20110407; EP 12711822 A 20120322; EP 2012055140 W 20120322