

Title (en)

Control device of a roller shutter driving motor

Title (de)

Steuervorrichtung eines Rolladen antreibenden Motors

Title (fr)

Dispositif de commande d'un moteur d'entraînement d'un volet roulant

Publication

**EP 0967360 B1 20040721 (FR)**

Application

**EP 99810490 A 19990604**

Priority

FR 9807822 A 19980622

Abstract (en)

[origin: EP0967360A1] The controller identifies the nature of the end-of-travel by analysis of variation of the motor (M) torque. The controller adapts the motor stop command to suit the end-of-travel identified. The controller has a computer (3) to analyze variation with time of the motor torque. The state of the door is determined from torque to allow adaptation to different stops at top and bottom of travel.

IPC 1-7

**E06B 9/82**; **E05F 15/00**

IPC 8 full level

**E06B 9/80** (2006.01); **E05F 15/00** (2006.01); **E06B 9/82** (2006.01)

CPC (source: EP US)

**E06B 9/82** (2013.01 - EP US); **E05F 15/41** (2015.01 - EP US); **E05Y 2900/00** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US); **E05Y 2900/146** (2013.01 - EP US); **E06B 2009/6836** (2013.01 - EP US); **E06B 2009/6845** (2013.01 - EP US); **E06B 2009/6854** (2013.01 - EP US); **Y10S 160/17** (2013.01 - EP US)

Cited by

CN100381960C; FR2816465A1; FR2839561A1; EP1367471A1; US6867565B2; WO2012080270A1; EP1497702B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0967360 A1 19991229**; **EP 0967360 B1 20040721**; AT E271645 T1 20040815; DE 69918750 D1 20040826; DE 69918750 T2 20050915; ES 2141074 T1 20000316; ES 2141074 T3 20050316; FR 2780089 A1 19991224; FR 2780089 B1 20000825; JP 2000037086 A 20000202; US 6465980 B1 20021015

DOCDB simple family (application)

**EP 99810490 A 19990604**; AT 99810490 T 19990604; DE 69918750 T 19990604; ES 99810490 T 19990604; FR 9807822 A 19980622; JP 17512899 A 19990622; US 33245399 A 19990614