

Title (en)

DRIVE DEVICE AND METHOD FOR MOVING A VEHICLE PART

Title (de)

ANTRIEBSVORRICHTUNG UND VERFAHREN ZUM VERSTELLEN EINES FAHRZEUGTEILS

Title (fr)

DISPOSITIF D'ENTRA NEMENT POUR LE DEPLACEMENT D'UNE PARTIE DE VEHICULE

Publication

EP 1110291 A1 20010627 (DE)

Application

EP 99968741 A 19990903

Priority

- DE 19840162 A 19980903
- EP 9906509 W 19990903

Abstract (en)

[origin: DE19840162A1] The invention relates to a method for moving a vehicle part between at least two positions, wherein the vehicle part is driven by an electric motor, pulse signals corresponding to the rotational movement of the electric motor are generated and fed to a control unit for controlling the electric motor and wherein a first value for the momentary force effect on the vehicle part is determined in a first calculation (50) with a first parameter set from the detected pulse signals at given first times. Parallel to the first calculation, a second value for the momentary force effect on the vehicle part is determined in at least a second calculation (52) with a second parameter set from the detected pulse signals at given second times, wherein both values are taken into account for the momentary force effect in order to determine whether or not the motor should be disconnected or reversed. The invention also relates to a device for implementing said method.

IPC 1-7

H02H 7/085

IPC 8 full level

E05F 15/632 (2015.01); **B60J 1/00** (2006.01); **B60J 7/057** (2006.01); **E05F 15/41** (2015.01); **E05F 15/643** (2015.01); **E05F 15/655** (2015.01); **E05F 15/70** (2015.01); **H02H 7/085** (2006.01); **H02P 1/22** (2006.01); **H02P 3/08** (2006.01)

CPC (source: EP KR US)

H02H 7/0851 (2013.01 - EP US); **H02P 1/00** (2013.01 - KR)

Cited by

GB2402432B

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19840162 A1 20000316; EP 1110291 A1 20010627; JP 2002524679 A 20020806; KR 100723319 B1 20070531; KR 20010090723 A 20011019; US 6633148 B1 20031014; WO 0014844 A1 20000316

DOCDB simple family (application)

DE 19840162 A 19980903; EP 9906509 W 19990903; EP 99968741 A 19990903; JP 2000569481 A 19990903; KR 20017002848 A 20010303; US 78639301 A 20010620