

Title (en)

WINDOW LIFT DRIVE OR SLIDING ROOF DRIVE FOR A MOTOR VEHICLE

Title (de)

FENSTERHEBER- BZW. SCHIEBEDACHANTRIEB FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT DE LEVE-VITRE OU DE TOIT OUVRANT POUR VEHICULE AUTOMOBILE

Publication

EP 1092076 A1 20010418 (DE)

Application

EP 99941405 A 19990629

Priority

- DE 9901887 W 19990629
- DE 19829209 A 19980630

Abstract (en)

[origin: DE19829209A1] According to the invention, a variable transmission is provided in the sense of an essentially constant load of the drive motor over the entire regulating distance, especially an increased transmission when arriving in the closed position, in order to increase the work load of the actuating drive motor (1) while providing an improved jamming prevention of a closing part. Said closing part is, in particular, a motor vehicle window pane (2) which can be displaced by a transmission, especially a cable drive drum (3 or 4). For this, the drive motor, for example, is not to be designed with regard to the maximal load when arriving in the closed position and, at the same time, a rapid jamming prevention is possible due to the slower speed when approaching the closed position.

IPC 1-7

E05F 15/16; **E05F 11/48**

IPC 8 full level

E05F 11/48 (2006.01); **E05F 15/16** (2006.01); **E05F 15/697** (2015.01); **E05D 13/00** (2006.01)

CPC (source: EP US)

E05F 11/483 (2013.01 - EP US); **E05F 11/486** (2013.01 - EP US); **E05F 15/697** (2015.01 - EP US); **E05D 13/00** (2013.01 - EP US); **E05Y 2201/618** (2013.01 - EP US); **E05Y 2201/654** (2013.01 - EP US); **E05Y 2201/664** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

See references of WO 0001911A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

DE 19829209 A1 20000113; **DE 19829209 C2 20010503**; DE 59910591 D1 20041028; EP 1092076 A1 20010418; EP 1092076 B1 20040922; ES 2228088 T3 20050401; US 2001023556 A1 20010927; WO 0001911 A1 20000113

DOCDB simple family (application)

DE 19829209 A 19980630; DE 59910591 T 19990629; DE 9901887 W 19990629; EP 99941405 A 19990629; ES 99941405 T 19990629; US 75012700 A 20001229