

Title (en)
DOOR ACTUATING SYSTEM

Title (de)
TÜRANTRIEB

Title (fr)
SYSTEME D'ENTRAINEMENT DE PORTE

Publication
EP 0939853 B1 20030219 (DE)

Application
EP 97951947 A 19971121

Priority
• DE 19648435 A 19961122
• EP 9706536 W 19971121

Abstract (en)
[origin: WO9823837A1] The invention relates to a door actuating system comprising an electric motor (14) actuating a door wing (12) which can be moved in relation to a fixed support (10), a gear unit (28, 30) which converts the output torque of the electric motor (14) into a sliding movement of the door wing, and an operating state control unit (80', 110, 112) connected to the electric motor (14). Said gear unit has an advancing member (28) working according to the endless umbilical screw principle. The advancing member (28) is connected to the door wing support (12) and interacts with a shaft (30) driven by the electric motor (14). The operating state control unit is connected to an advancement detection unit (120) converting the sliding movement and/or the relative position of the door wing to the support (10) into a first electrical signal. Said control unit is configured in such a way as to control the electric motor according to the first electrical signal.

IPC 1-7
E05F 15/14

IPC 8 full level
E05F 15/14 (2006.01); **E05F 15/632** (2015.01); **E05F 15/635** (2015.01)

CPC (source: EP US)
E05F 15/632 (2015.01 - EP); **E05F 15/635** (2015.01 - EP); **E05F 15/643** (2015.01 - US); **E05Y 2201/674** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9823837 A1 19980604; AT E232935 T1 20030315; DE 19648435 A1 19980528; DE 19648435 C2 20000518; DE 59709360 D1 20030327; EP 0939853 A1 19990908; EP 0939853 B1 20030219

DOCDB simple family (application)
EP 9706536 W 19971121; AT 97951947 T 19971121; DE 19648435 A 19961122; DE 59709360 T 19971121; EP 97951947 A 19971121