

Title (en)

Door drive for an automatic door

Title (de)

Türantrieb für eine automatische Tür

Title (fr)

Actionnement de porte pour une porte automatique

Publication

**EP 1902995 B1 20131120 (DE)**

Application

**EP 07112291 A 20070711**

Priority

DE 102006040231 A 20060828

Abstract (en)

[origin: EP1902995A2] The mechanism has a electronically commutated and brushless permanent-field synchronous motor (10) comprising a shaft (11) for generating a driving force, where the motor is mounted such that the shaft is aligned perpendicular to an opening and closing direction (7) of a sliding and/or elevator door. A belt or chain is guided in the opening and closing direction for transmitting the driving force to a door leaf. An angular encoder e.g. single-turn encoder, generates an angle signal proportional to angle of rotation of the motor, and is arranged coaxially to the shaft.

IPC 8 full level

**B66B 13/14** (2006.01)

CPC (source: EP US)

**B66B 13/143** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1902995 A2 20080326; EP 1902995 A3 20120530; EP 1902995 B1 20131120**; DE 102006040231 A1 20080313;  
US 2008047784 A1 20080228

DOCDB simple family (application)

**EP 07112291 A 20070711**; DE 102006040231 A 20060828; US 89554707 A 20070824