

Title (en)

Actuator device for a motor vehicle door

Title (de)

Antriebseinrichtung für eine Kraftfahrzeugtür

Title (fr)

Dispositif d'entraînement pour une porte de véhicule automobile

Publication

EP 2037068 B1 20110525 (DE)

Application

EP 07116123 A 20070911

Priority

EP 07116123 A 20070911

Abstract (en)

[origin: EP2037068A1] The driving device has a rear flap or a tail cover. The screw compression spring (37) surrounds guide tube (31) of a spindle nut (33). The outer circumference of the guide tube has a friction-reducing space unit (39), which prevents a direct contact of the screw compression spring with the guide tube. The friction-reducing space unit is made up of plastic.

IPC 8 full level

E05F 15/12 (2006.01); **F16F 1/12** (2006.01)

CPC (source: EP)

E05F 1/1058 (2013.01); **E05F 15/622** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2600/634** (2013.01); **E05Y 2800/412** (2013.01); **E05Y 2800/67** (2013.01); **E05Y 2800/73** (2013.01); **E05Y 2900/546** (2013.01)

Cited by

CN109914966A; CN106697071A; EP3753866A1; EP3222806A1; CZ304950B6; CN105696894A; EP3499083A1; DE102017129539A1; WO2016083194A1; WO2020058128A1

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 2037068 A1 20090318; **EP 2037068 B1 20110525**; AT E510990 T1 20110615; ES 2366815 T3 20111025; PL 2037068 T3 20111130; PT 2037068 E 20110713; WO 2009034143 A1 20090319

DOCDB simple family (application)

EP 07116123 A 20070911; AT 07116123 T 20070911; EP 2008062095 W 20080911; ES 07116123 T 20070911; PL 07116123 T 20070911; PT 07116123 T 20070911