

Title (en)  
MOTORIZED CONTROL DEVICE FOR VEHICLE DOORS

Title (de)  
MOTORISIERTE STEUERUNGSVORRICHTUNG FÜR FAHRZEUGTÜREN

Title (fr)  
DISPOSITIF DE COMMANDE MOTORISÉ POUR PORTIÈRES DE VÉHICULE

Publication  
**EP 3765697 B1 20240522 (EN)**

Application  
**EP 19727511 A 20190429**

Priority

- IT 201800003561 A 20180314
- IB 2019053489 W 20190429

Abstract (en)  
[origin: WO2019175857A1] Motorized closure device for vehicle doors, comprising: a motor assembly comprising a control pinion (12) and a gear motor (11) adapted to actuate rotation of the control pinion (12), a control assembly comprising a helical pulley (16), a toothed wheel (15) solidly connected coaxially to said helical pulley (16), and at least one cable (17) wound on the pulley (16) and having at least one end associated with a leaf of a vehicle door for controlling opening and closing of the door, an engagement assembly configured to bring the control pinion (12) of the motor to an engagement position or a disengagement position relative to the toothed wheel (15) of the control assembly, wherein the engagement assembly comprises an electromagnetic actuator (30) and is configured to bring the control pinion (12) of the motor assembly to a disengagement position relative to the toothed wheel (15) of the control assembly and keep it in said disengagement position when the electromagnetic actuator (30) is not energized, and to bring the control pinion (12) of the motor assembly to an engagement position relative to the toothed wheel (15) of the control assembly and keep it in said engagement position when the electromagnetic actuator (30) is energized.

IPC 8 full level  
**E05F 15/643** (2015.01)

CPC (source: EP)  
**E05F 15/643** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2900/531** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2019175857 A1 20190919**; CN 112154249 A 20201229; CN 112154249 B 20231020; EP 3765697 A1 20210120; EP 3765697 B1 20240522; IT 201800003561 A1 20190914

DOCDB simple family (application)  
**IB 2019053489 W 20190429**; CN 201980018281 A 20190429; EP 19727511 A 20190429; IT 201800003561 A 20180314