

Title (en)

METHOD FOR CONTROLLING A MOTORISED CLOSURE ELEMENT OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUR ANSTEUERUNG EINER MOTORISCHEN VERSCHLUSSELEMENTANORDNUNG EINES KRAFTFAHRZEUGS

Title (fr)

PROCÉDÉ DE COMMANDE D'UN SYSTÈME D'OUVRANT MOTORISÉ DE VÉHICULE À MOTEUR

Publication

EP 3540164 B1 20220223 (DE)

Application

EP 19166441 A 20170301

Priority

- DE 102016108702 A 20160511
- EP 17158669 A 20170301

Abstract (en)

[origin: US2017328116A1] The disclosure relates to a method for activating a motorized closure element assembly of a vehicle, wherein the closure element assembly comprises a closure element, a control assembly, and a sensor assembly. The measured values of the sensor assembly are monitored by the control assembly to determine whether a triggering operating situation, defined by an operating-situation condition, is present, and an activation of the closure element assembly is triggered by the control assembly upon detection of the triggering operating situation. It is proposed that an operating-situation condition of the triggering operating situation is defined by the orientation of at least one body part of the operator about the vertical axis lying within a predetermined permitted orientation range, and whether the orientation of the body part lies within the permitted orientation range is detected by the sensor assembly and, depending thereon, the activation of the closure element assembly is triggered.

IPC 8 full level

E05F 15/73 (2015.01)

CPC (source: CN EP US)

E05F 15/73 (2015.01 - CN EP US); **E05F 2015/767** (2015.01 - EP US); **E05Y 2400/852** (2013.01 - CN); **E05Y 2400/858** (2013.01 - CN EP US); **E05Y 2900/531** (2013.01 - CN); **E05Y 2900/546** (2013.01 - CN EP US); **E05Y 2900/548** (2013.01 - CN)

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)

EP 3243992 A1 20171115; **EP 3243992 B1 20190612**; CN 107419992 A 20171201; CN 107419992 B 20200519; DE 102016108702 A1 20171116; EP 3540164 A1 20190918; EP 3540164 B1 20220223; US 2017328116 A1 20171116

DOCDB simple family (application)

EP 17158669 A 20170301; CN 201710330015 A 20170511; DE 102016108702 A 20160511; EP 19166441 A 20170301; US 201715581821 A 20170428