

Title (en)

MOTOR VEHICLE DOOR CLOSURE

Title (de)

KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)

SYSTÈME DE VERROUILLAGE DE PORTE DE VÉHICULE

Publication

EP 2961902 A2 20160106 (DE)

Application

EP 14717983 A 20140227

Priority

- DE 102013102063 A 20130301
- DE 102013106672 A 20130626
- DE 2014000079 W 20140227

Abstract (en)

[origin: CA2903074A1] The invention relates to a motor vehicle door closure which is equipped with a pulling-shut/opening device (5, 6; 9, 10, 11) with a drive (9, 10, 11) and transmission element (5, 6). In addition, a locking mechanism (1, 2) is realized. The drive (9, 10, 11) operates, with the interconnection of the transmission element (5, 6), on the locking mechanism (1, 2) in order to open the latter or pull the latter shut. According to the invention, the drive (9, 10, 11) is designed to have a variable torque and act upon the transmission element (5, 6) with a torque which is dependent on the drive travel (s).

IPC 8 full level

E05B 79/20 (2014.01); **E05B 81/20** (2014.01); **E05B 81/30** (2014.01); **E05B 81/40** (2014.01)

CPC (source: EP US)

B60J 5/00 (2013.01 - US); **E05B 79/20** (2013.01 - EP US); **E05B 81/20** (2013.01 - EP US); **E05B 81/30** (2013.01 - EP US);
E05B 81/42 (2013.01 - EP US); **E05C 21/00** (2013.01 - US); **F16H 25/14** (2013.01 - US)

Citation (search report)

See references of WO 2014131390A2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013106672 A1 20140904; BR 112015020868 A2 20170718; CA 2903074 A1 20140904; CN 105026670 A 20151104;
CN 105026670 B 20171208; EP 2961902 A2 20160106; JP 2016510844 A 20160411; KR 20150125965 A 20151110;
MX 2015011189 A 20151113; RU 2015140724 A 20170329; US 2016003331 A1 20160107; WO 2014131390 A2 20140904;
WO 2014131390 A3 20141023

DOCDB simple family (application)

DE 102013106672 A 20130626; BR 112015020868 A 20140227; CA 2903074 A 20140227; CN 201480011478 A 20140227;
DE 2014000079 W 20140227; EP 14717983 A 20140227; JP 2015559420 A 20140227; KR 20157025657 A 20140227;
MX 2015011189 A 20140227; RU 2015140724 A 20140227; US 201414768495 A 20140227