

Title (en)
Locking and unlocking system

Title (de)
Ver- und Entriegelungssystem

Title (fr)
Système de verrouillage et de déverrouillage

Publication
EP 2431558 A3 20160601 (DE)

Application
EP 11182234 A 20110921

Priority
DE 102010041159 A 20100921

Abstract (en)
[origin: EP2431558A2] The system has a single electric motor for enabling fully electric locking and unlocking of vehicle doors. A rotary latch unit (20) has a rotatably supported rotary latch (1) that comprises an arresting region (30) for arresting safety bolts. An optical lever (2) is connected with the latch, and rotates the latch in a locking position by a Bowden cable (7) that is connected with the lever. Another Bowden cable (8) is connected with the lever, and rotates the latch in an unlocking position. A shaft is driven by the motor.

IPC 1-7
E05B 65/32

IPC 8 full level
B61D 19/00 (2006.01); **E05B 15/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 15/0086 (2013.01); **E05B 81/14** (2013.01); **E05B 81/20** (2013.01); **E05B 83/363** (2013.01); **E05B 79/20** (2013.01); **E05B 83/40** (2013.01)

Citation (search report)

- [XA] DE 202004014568 U1 20060202 - BODE GMBH & CO KG [DE]
- [A] DE 69704587 T2 20011018 - VALEO SECURITE HABITACLE [FR], et al
- [AD] DE 10343360 A1 20050414 - FAHRZEUGTECHNIK DESSAU AG RAIL [DE]

Cited by
CN103774945A; CN106232924A; CN110199072A; CN105378200A; CN113250551A; EP2578781A3; US11306517B2; WO2015006859A1; WO2015177148A1

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

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