

Title (en)
Vehicle lock

Title (de)
Kraftfahrzeugschloss

Title (fr)
Serrure pour véhicule

Publication
EP 1536090 A3 20080213 (DE)

Application
EP 04026907 A 20041112

Priority
DE 10356306 A 20031128

Abstract (en)
[origin: EP1536090A2] The lock has a slot (16) by which the bolt moves the balk lever (3), to be held by a spring (14) loaded catch plate (4), on a lever (7) held in the balking position by a cable (6) on the motor (5) shaft (8), trapping the bolt. The electric motor may be energised to release the lever and catch plate.

IPC 8 full level
E05B 65/32 (2006.01); **B60J 5/00** (2006.01); **B62D 25/12** (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05B 53/00** (2006.01); **E05B 65/12** (2006.01); **E05B 65/20** (2006.01); **E05C 3/06** (2006.01); **E05B 15/16** (2006.01)

CPC (source: EP US)
E05B 17/0004 (2013.01 - EP US); **E05B 79/20** (2013.01 - EP US); **E05B 81/14** (2013.01 - EP US); **E05B 15/1635** (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)

- [X] US 5549337 A 19960827 - MCCULLOCH WILLIAM C [US]
- [XY] WO 03046321 A1 20030605 - INTIER AUTOMOTIVE CLOSURES INC [CA], et al
- [Y] DE 10064914 A1 20020711 - SIEMENS AG [DE]
- [DA] DE 19604724 A1 19970814 - VDO SCHINDLING [DE]
- [A] US 6135514 A 20001024 - KOWALEWSKI THOMAS JOSEPH [US], et al
- [A] EP 0103904 A2 19840328 - OHI SEISAKUSHO CO LTD [JP]

Cited by
EP3744934A1; DE102011018848A1; DE102014016787A1; DE102006055098B4; EP3112565A1; EP1700989A3; DE102014116884A1; DE102008059140A1; CN102080473A; EP2754799A1; DE102019114540A1; US2011316293A1; DE102019109698A1; EP1811107A3; CN109236039A; DE202014002995U1; DE102015107449A1; DE102007063349A1; EP1801332A3; EP2826938A3; CN109632344A; WO2008052687A3; US9957736B2; US10370875B2; US9353556B2; US10329807B2; EP2826938A2; DE102013012015A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK YU

DOCDB simple family (publication)
EP 1536090 A2 20050601; **EP 1536090 A3 20080213**; **EP 1536090 B1 20130424**; DE 10356306 A1 20050623; DE 10356306 B4 20201217; DE 202004021910 U1 20120712; ES 2416305 T3 20130731; JP 2005163535 A 20050623; JP 4732738 B2 20110727; US 2005134054 A1 20050623; US 7905523 B2 20110315

DOCDB simple family (application)
EP 04026907 A 20041112; DE 10356306 A 20031128; DE 202004021910 U 20041112; ES 04026907 T 20041112; JP 2004335832 A 20041119; US 99814704 A 20041129