

Title (en)
Vehicle lock

Title (de)
Kraftfahrzeugschloss

Title (fr)
Serrure pour véhicule

Publication
EP 1536090 A2 20050601 (DE)

Application
EP 04026907 A 20041112

Priority
DE 10356306 A 20031128

Abstract (en)

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.

Abstract (de)

Es wird ein Kraftfahrzeugschloß mit einer Schloßfalle, einer Sperrlinke und einem Motor zum Öffnen der Sperrlinke vorgeschlagen. Ein einfacher, robuster Aufbau wird dadurch ermöglicht, daß das Kraftfahrzeugschloß ein flexibles Zugmittel aufweist, das vom Motor zum Öffnen der Sperrlinke aufwickelbar ist.

IPC 1-7

E05B 65/32; E05B 47/00

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);
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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)

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

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DOCDB simple family (publication)

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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;
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