

Title (en)

Motor vehicle lock

Title (de)

Kraftfahrzeugschloss

Title (fr)

Serrure de véhicule automobile

Publication

EP 1739258 A1 20070103 (DE)

Application

EP 05013791 A 20050627

Priority

EP 05013791 A 20050627

Abstract (en)

The pawl or the drive stays in positive contact with the catch or a component coupled with the catch by the mechanism in a last part of the movement of the pawl towards an excess lifting position or during further movement of the drive after reaching the lifting position of the pawl, such that the catch moves towards the release position. The lock has a pawl (3) and a catch (2) that is movable from a main closing position to a release position. A motor drive (4) is provided for moving the pawl, and a forced-opening mechanism (10) operated by the drive is provided for the catch.

IPC 8 full level

E05B 65/12 (2006.01)

CPC (source: EP)

E05B 81/14 (2013.01); **E05B 81/15** (2013.01)

Citation (applicant)

- DE 3932268 C2 19931223 - AISIN SEIKI [JP]
- DE 10312304 A1 20041007 - BROSE SCHLIESSTSYSTEME GMBH [DE]
- DE 19614122 A1 19971016 - BOSCH GMBH ROBERT [DE]

Citation (search report)

- [A] FR 2841928 A1 20040109 - COUTIER MOULAGE GEN IND [FR]
- [A] US 2003020285 A1 20030130 - KLUTING BERND [DE], et al
- [A] US 5938253 A 19990817 - SZABLEWSKI PIOTR [DE], et al
- [DA] DE 19614122 A1 19971016 - BOSCH GMBH ROBERT [DE]

Cited by

DE202015103478U1; EP3112565A1; CN110499958A; DE102016101885A1; DE102018214781A1; US11248402B2; US11136792B2; US11124994B2; WO2017116032A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1739258 A1 20070103; EP 1739258 B1 20080723; AT E402306 T1 20080815; DE 502005004808 D1 20080904

DOCDB simple family (application)

EP 05013791 A 20050627; AT 05013791 T 20050627; DE 502005004808 T 20050627