

Title (en)
MOTOR VEHICLE LOCK

Title (de)
KRAFTFAHRZEUGSCHLOSS

Title (fr)
SERRURE DE VÉHICULE AUTOMOBILE

Publication
EP 3143226 B1 20200923 (DE)

Application
EP 15736380 A 20150508

Priority
• DE 102014006745 A 20140512
• DE 2015000222 W 20150508

Abstract (en)
[origin: WO2015172761A1] The aim of the invention is to provide a lock for a motor vehicle, whereby the accidental opening of said lock is prevented. To achieve this aim, a lock comprises a locking mechanism with a rotary latch and a locking pawl for arresting the rotary latch in a latch position. In order to open the lock with minimum effort, an electric drive (1) is provided by means of which drive the locking pawl can be moved directly or indirectly out of its locking position. The lock is further provided with a movable blocking pawl (2), which can impede the electric drive (1) from opening the lock. For the locking mechanism to be electrically opened, the blocking pawl (2) needs to be moved out of its blocking position and the electric drive (1) needs to be actuated.

IPC 8 full level
E05B 81/14 (2014.01); **E05B 77/40** (2014.01); **E05B 81/06** (2014.01); **E05B 81/34** (2014.01); **E05B 81/56** (2014.01); **E05B 81/64** (2014.01)

CPC (source: CN EP US)
E05B 77/40 (2013.01 - EP US); **E05B 77/54** (2013.01 - US); **E05B 81/06** (2013.01 - EP US); **E05B 81/14** (2013.01 - CN EP US);
E05B 81/34 (2013.01 - EP US); **E05B 81/56** (2013.01 - CN EP US); **E05B 81/64** (2013.01 - EP US); **E05B 77/40** (2013.01 - CN);
E05B 81/06 (2013.01 - CN); **E05B 81/34** (2013.01 - CN); **E05B 81/64** (2013.01 - CN)

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

DOCDB simple family (publication)
WO 2015172761 A1 20151119; CN 106489014 A 20170308; CN 106489014 B 20190719; DE 112015002256 A5 20170706;
EP 3143226 A1 20170322; EP 3143226 B1 20200923; US 11274474 B2 20220315; US 2017114576 A1 20170427

DOCDB simple family (application)
DE 2015000222 W 20150508; CN 201580037896 A 20150508; DE 112015002256 T 20150508; EP 15736380 A 20150508;
US 201515311013 A 20150508