

Title (en)  
Motorisiertes Schloss für Kraftfahrzeug

Title (de)  
Motorised lock for automobile

Title (fr)  
Serrure motorisée pour véhicule automobile

Publication  
**EP 2503082 B1 20161116 (FR)**

Application  
**EP 11159781 A 20110325**

Priority  
EP 11159781 A 20110325

Abstract (en)  
[origin: EP2503082A1] The lock (1) has a bolt (9) pivotally moved between locked and unlocked positions, and a ratchet pivotally moved between a bolt retaining position and a bolt releasing position. A slider block (15) is provided with a guide cam. The ratchet carries an opening pin cooperating with the cam so as to cause release of the bolt by the ratchet during an unlocking movement. The cam is inclined with respect to a sliding plane of the slider block. A single motor (5) actuates unlocking and locking movements of the bolt. An elastic return unit i.e. spring (37), returns the slider block to a rest position.

IPC 8 full level  
**B60J 7/19** (2006.01); **E05B 81/14** (2014.01); **E05B 81/20** (2014.01)

CPC (source: EP)  
**E05B 81/14** (2013.01); **E05B 81/20** (2013.01); **E05B 81/15** (2013.01)

Cited by  
CN109312581A; US11242699B2; WO2017182023A1

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)  
**EP 2503082 A1 20120926; EP 2503082 B1 20161116; WO 2012130381 A1 20121004**

DOCDB simple family (application)  
**EP 11159781 A 20110325; EP 2012001048 W 20120309**