

Title (en)

ELECTRIC MOTOR VEHICLE LOCK HAVING A SPRING ACCUMULATOR

Title (de)

ELEKTRISCHES KRAFTFAHRZEUGSCHLOSS MIT FEDERSPEICHER

Title (fr)

SERRURE ÉLECTRIQUE DE VÉHICULE AUTOMOBILE PRÉSENTANT UN ACCUMULATEUR À RESSORT

Publication

**EP 3039211 A1 20160706 (DE)**

Application

**EP 14750430 A 20140714**

Priority

- DE 102013217265 A 20130829
- DE 2014100251 W 20140714

Abstract (en)

[origin: WO2015027983A1] The problem addressed by the invention is that of being to switch a motor vehicle lock from normal operation to emergency or disruption operation within an especially short time and/or with the least possible expenditure of electrical energy. This problem is solved in that a lock for a motor vehicle having a lock mechanism and an electric drive is provided such that the lock can be electrically opened in normal operation. The lock has an additional operating state, called disrupted operation. In disrupted operation, the lock can be opened mechanically, which is not possible in normal operation. The lock comprises a mechanical energy accumulator for switching the lock from normal operation to disrupted operation.

IPC 8 full level

**E05B 81/90** (2014.01)

CPC (source: EP US)

**E05B 81/90** (2013.01 - EP US); **E05B 15/002** (2013.01 - EP US); **E05B 81/16** (2013.01 - EP US); **E05B 2015/0496** (2013.01 - EP US)

Citation (search report)

See references of WO 2015027983A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015027983 A1 20150305**; CN 105683466 A 20160615; CN 105683466 B 20190326; DE 102013217265 A1 20150319; DE 112014003919 A5 20160609; EP 3039211 A1 20160706; EP 3039211 B1 20191002; US 10577841 B2 20200303; US 2016222704 A1 20160804

DOCDB simple family (application)

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