

Title (en)

ADVANCED ELECTRIC LOCK FOR THE OPENING OF AN AUTOMOTIVE VEHICLE

Title (de)

FORTSCHRITTLICHES ELEKTRISCHES SCHLOSS ZUM ÖFFNEN EINES KRAFTFAHRZEUGS

Title (fr)

SERRURE ÉLECTRIQUE PERFECTIONNÉE POUR OUVRANT DE VÉHICULE AUTOMOBILE

Publication

EP 2115247 B1 20180314 (FR)

Application

EP 08708360 A 20080129

Priority

- EP 2008051043 W 20080129
- FR 0700630 A 20070130

Abstract (en)

[origin: FR2911897A1] The lock has a pivoting bolt (3) cooperated with a striking plate, and a driver (7) integrated to a pivoting ratchet (5). A retaining unit (9) retains the driver-ratchet assembly in a position spaced from the bolt in an open position of the lock for rotating the bolt. The retaining unit is subjected to a bistable elastic return in order to be stressed towards a stable active retaining position of the assembly to retain the assembly in the spaced position or towards a stable rest position, in which the unit retractably maintaining the assembly limits cooperation of the unit and assembly.

IPC 8 full level

E05B 81/14 (2014.01); **E05B 85/26** (2014.01)

CPC (source: BR EP)

E05B 81/14 (2013.01 - BR EP); **E05B 85/26** (2013.01 - BR EP); **E05B 81/15** (2013.01 - EP); **E05B 2015/0493** (2013.01 - EP)

Citation (examination)

EP 1862618 A1 20071205 - KIEKERT AG [DE]

Cited by

TWI840279B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2911897 A1 20080801; **FR 2911897 B1 20121012**; BR PI0806998 A2 20141230; BR PI0806998 B1 20190115; CN 101622412 A 20100106; CN 103953230 A 20140730; CN 103953230 B 20170412; EP 2115247 A1 20091111; EP 2115247 B1 20180314; MX 2009008056 A 20090807; WO 2008095831 A1 20080814

DOCDB simple family (application)

FR 0700630 A 20070130; BR PI0806998 A 20080129; CN 200880003440 A 20080129; CN 201410013182 A 20080129; EP 08708360 A 20080129; EP 2008051043 W 20080129; MX 2009008056 A 20080129