

Title (en)

MOTOR VEHICLE DOOR LOCK

Title (de)

KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)

SERRURE DE PORTE D'UN VÉHICULE AUTOMOBILE

Publication

EP 3017130 B1 20190116 (DE)

Application

EP 14747805 A 20140703

Priority

- DE 102013107000 A 20130703
- DE 2014000336 W 20140703

Abstract (en)

[origin: WO2015000460A1] The invention relates to a motor vehicle door lock which is equipped with a locking mechanism (3, 4) consisting substantially of a rotary latch (3) and a pawl (4). A triggering element (7) is additionally provided in order to lift the pawl (4) and thereby open the locking mechanism (3, 4). The motor vehicle door lock finally comprises an accumulator element (8) which is impinged upon by a spring and which holds the pawl (4) in the lifted position until the rotary latch (3) is opened. According to the invention, the spring and the accumulator element (8) form one component. Furthermore, the spring and the accumulator element (8) are designed as a spring lip (8) which impinges upon the trigger element (7).

IPC 8 full level

E05B 81/14 (2014.01); **E05B 15/04** (2006.01); **E05B 81/06** (2014.01); **E05B 81/34** (2014.01)

CPC (source: EP US)

E05B 79/10 (2013.01 - US); **E05B 81/15** (2013.01 - EP US); **E05B 85/243** (2013.01 - US); **E05B 81/06** (2013.01 - EP US);
E05B 81/34 (2013.01 - EP US); **E05B 2015/0468** (2013.01 - EP US)

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)

DE 102013107000 A1 20150108; CN 105358781 A 20160224; CN 105358781 B 20181207; EP 3017130 A1 20160511;
EP 3017130 B1 20190116; US 10519700 B2 20191231; US 2016153217 A1 20160602; WO 2015000460 A1 20150108

DOCDB simple family (application)

DE 102013107000 A 20130703; CN 201480037845 A 20140703; DE 2014000336 W 20140703; EP 14747805 A 20140703;
US 201414900885 A 20140703