

Title (en)
MOTOR VEHICLE DOOR LOCK

Title (de)
KRAFTFAHRZEUGTÜRSCHLOSS

Title (fr)
SERRURE DE PORTIÈRE DE VÉHICULE AUTOMOBILE

Publication
EP 3445930 B1 20200129 (DE)

Application
EP 17718473 A 20170324

Priority
• DE 102016107510 A 20160422
• DE 2017100244 W 20170324

Abstract (en)
[origin: WO2017182027A1] The invention relates to a motor vehicle door lock comprising a ratchet-type mechanism (1, 2) substantially consisting of a pawl (1) and a rotary latch (2). The motor vehicle door lock is also provided with a release lever (5) for the ratchet-type mechanism (1, 2) and at least one actuation lever (8) and a blocking element (12). The blocking element (12) brings about a mechanical connection during normal operation and a mechanical separation, when operating in the event of an accident, between the actuation lever (8) and the release lever (5). According to the invention, the blocking element (12) is designed as a coupling lever (12) mounted on the actuation lever (8), which pivots independently from the actuation lever (8) applied with spring force when operating in the event of an accident.

IPC 8 full level
E05B 83/36 (2014.01); **E05B 77/06** (2014.01)

CPC (source: EP KR US)
E05B 77/06 (2013.01 - EP KR US); **E05B 81/50** (2013.01 - KR); **E05B 83/36** (2013.01 - EP); **E05Y 2900/531** (2013.01 - 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)
WO 2017182027 A1 20171026; CN 109312578 A 20190205; CN 109312578 B 20210202; DE 102016107510 A1 20171026;
EP 3445930 A1 20190227; EP 3445930 B1 20200129; KR 102301511 B1 20210914; KR 20180132919 A 20181212; US 11326372 B2 20220510;
US 2019271178 A1 20190905

DOCDB simple family (application)
DE 2017100244 W 20170324; CN 201780037955 A 20170324; DE 102016107510 A 20160422; EP 17718473 A 20170324;
KR 20187033651 A 20170324; US 201716095402 A 20170324