

Title (en)  
MOTOR VEHICLE DOOR LOCK

Title (de)  
KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)  
MÉCANISME DE FERMETURE DE PORTE DE VÉHICULE

Publication  
**EP 2935736 B1 20180912 (DE)**

Application  
**EP 13838072 A 20131218**

Priority  
• DE 102012025448 A 20121221  
• DE 2013000800 W 20131218

Abstract (en)  
[origin: CA2902376A1] The invention relates to a motor vehicle door lock, which is equipped with a ratchet mechanism, a tripping lever (1) for opening the ratchet mechanism and a ratchet lever (5) that is pivotable about an axis (3). The ratchet lever (5) renders the ratchet mechanism ineffective, at least with regard to the magnitude and direction of occurring retarding forces, for example in an accident (?in the event of a crash") ineffective. According to the invention the ratchet lever (5) is connected to an actuating lever (2) applying force to a tripping lever (1) in such an articulated manner that both levers (2, 5) together in the normal operation describe a predetermined normal actuation track (R1) without mechanical blocking and in the crash operation describe a crash actuation track (R2) deviating from the normal actuation track (R1) while simultaneously a mechanical blocking occurs.

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

CPC (source: EP US)  
**E05B 77/04** (2013.01 - US); **E05B 77/06** (2013.01 - EP US); **E05B 79/10** (2013.01 - US); **Y10T 292/1075** (2015.04 - 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 102012025448 A1 20140626**; BR 112015015079 A2 20170926; CA 2902376 A1 20140626; CN 105008000 A 20151028;  
EP 2935736 A2 20151028; EP 2935736 B1 20180912; JP 2016505739 A 20160225; KR 20150096774 A 20150825; MX 2015008154 A 20160222;  
US 2015354250 A1 20151210; WO 2014094713 A2 20140626; WO 2014094713 A3 20150319

DOCDB simple family (application)  
**DE 102012025448 A 20121221**; BR 112015015079 A 20131218; CA 2902376 A 20131218; CN 201380073331 A 20131218;  
DE 2013000800 W 20131218; EP 13838072 A 20131218; JP 2015548196 A 20131218; KR 20157019475 A 20131218;  
MX 2015008154 A 20131218; US 201314654623 A 20131218