

Title (en)
MOTOR VEHICLE DOOR LOCK

Title (de)
KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)
FERMETURE DE PORTIÈRE DE VÉHICULE À MOTEUR

Publication
EP 2673438 B1 20151028 (DE)

Application
EP 12714537 A 20120208

Priority
• DE 202011002662 U 20110211
• DE 2012000116 W 20120208

Abstract (en)
[origin: CA2826321A1] The invention relates to a motor vehicle door lock equipped with a locking mechanism, an actuation lever unit acting on the locking mechanism, and a catch lever. The catch lever blocks the locking mechanism at least when acceleration forces of a given magnitude occur, e.g. in case of an accident (crash), rendering the locking mechanism ineffective. According to the invention, the catch lever acts upon a rotary latch of the locking mechanism in the direction of the blocking position of the rotary latch during normal operation and in the event of a crash while allowing the rotary latch and thus the locking mechanism to be in the releasing position only during normal opening operation.

IPC 8 full level
E05B 77/06 (2014.01); **E05B 77/54** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP KR US)
E05B 77/02 (2013.01 - KR); **E05B 77/06** (2013.01 - EP US); **E05B 85/24** (2013.01 - KR); **E05B 85/26** (2013.01 - EP 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 202011002662 U1 20120514; BR 112013020161 A2 20161108; CA 2826321 A1 20120816; CN 103348078 A 20131009; CN 103348078 B 20160810; EP 2673438 A2 20131218; EP 2673438 B1 20151028; JP 2014505187 A 20140227; JP 6037136 B2 20161130; KR 20140052973 A 20140507; MX 2013009160 A 20130829; RU 2013136991 A 20150320; US 2014028035 A1 20140130; US 9316027 B2 20160419; WO 2012107025 A2 20120816; WO 2012107025 A3 20121011

DOCDB simple family (application)
DE 202011002662 U 20110211; BR 112013020161 A 20120208; CA 2826321 A 20120208; CN 201280008088 A 20120208; DE 2012000116 W 20120208; EP 12714537 A 20120208; JP 2013552837 A 20120208; KR 20137023824 A 20120208; MX 2013009160 A 20120208; RU 2013136991 A 20120208; US 201213984601 A 20120208