

Title (en)
MOTOR VEHICLE DOOR LOCK

Title (de)
KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)
FERMETURE DE PORTIÈRE DE VÉHICULE À MOTEUR

Publication
EP 2673436 B1 20151104 (DE)

Application
EP 12714536 A 20120208

Priority
• DE 102011010816 A 20110209
• DE 2012000115 W 20120208

Abstract (en)
[origin: CA2826485A1] The invention relates to a motor vehicle door lock equipped with a locking mechanism (1, 2, 3), an actuation lever unit that acts on the locking mechanism (1, 2, 3) and includes a release lever (4), and a catch lever (10). The catch lever (10) blocks the locking mechanism (1, 2, 3) at least when acceleration forces of a given magnitude occur, e.g. in case of an accident (crash). According to the invention, the catch lever (10) blocks the locking mechanism (1, 2, 3) in the event of a crash while releasing the locking mechanism (1, 2, 3) only for normal opening operation.

IPC 8 full level
E05B 77/06 (2014.01); **E05B 77/54** (2014.01); **E05B 85/22** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP KR US)
E05B 77/06 (2013.01 - EP US); **E05B 77/12** (2013.01 - KR); **E05B 85/26** (2013.01 - EP US); **Y10S 292/22** (2013.01 - EP US); **Y10T 292/0949** (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 102011010816 A1 20120809; BR 112013020124 A2 20161025; CA 2826485 A1 20120816; CN 103348079 A 20131009; CN 103348079 B 20160713; EP 2673436 A2 20131218; EP 2673436 B1 20151104; JP 2014506640 A 20140317; JP 6171157 B2 20170802; KR 20140005254 A 20140114; MX 2013009096 A 20140528; RU 2013136988 A 20150320; US 2014035295 A1 20140206; US 9243429 B2 20160126; WO 2012107024 A2 20120816; WO 2012107024 A3 20121011

DOCDB simple family (application)
DE 102011010816 A 20110209; BR 112013020124 A 20120208; CA 2826485 A 20120208; CN 201280008095 A 20120208; DE 2012000115 W 20120208; EP 12714536 A 20120208; JP 2013552836 A 20120208; KR 20137021814 A 20120208; MX 2013009096 A 20120208; RU 2013136988 A 20120208; US 201213984595 A 20120208