

Title (en)
MOTOR VEHICLE LOCK

Title (de)
KRAFTFAHRZEUGSCHLOSS

Title (fr)
SERRURE DE VÉHICULE AUTOMOBILE

Publication
EP 2746503 B1 20190410 (DE)

Application
EP 13199260 A 20131220

Priority
• DE 102012025053 A 20121221
• DE 202013002811 U 20130325

Abstract (en)
[origin: EP2746503A2] The motor vehicle lock (1) has a falling latch (3) and a ratchet pawl (4) arranged to the falling latch. The falling latch is brought in an open position and in a closed position. The falling latch present in the closed position stands in engagement with a lock striker. The ratchet pawl is brought in a shrunken position, in which it fixes the falling latch in the closed position. The ratchet pawl is lifted out in a release position, in which it releases the falling latch. A crash element bearing (11) is provided, which is designed as a linear guide and in which a crash element is displaceably guided. The crash element bearing is scheduled to remain at the motor vehicle lock. An independent claim is included for a motor vehicle door arrangement with a gap.

IPC 8 full level
E05B 77/04 (2014.01); **E05B 79/20** (2014.01)

CPC (source: EP US)
E05B 77/04 (2013.01 - EP US); **E05C 3/12** (2013.01 - US); **E05B 79/20** (2013.01 - EP US); **Y10T 292/0911** (2015.04 - EP US)

Cited by
EP3825497A1

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 202013002811 U1 20140324; CN 104047481 A 20140917; CN 104047481 B 20170412; DE 102012025053 A1 20140626; EP 2746503 A2 20140625; EP 2746503 A3 20160511; EP 2746503 B1 20190410; EP 3502384 A1 20190626; EP 3502384 B1 20201216; EP 3825497 A1 20210526; EP 3825497 B1 20231129; HU E043993 T2 20190930; US 10287805 B2 20190514; US 2014175808 A1 20140626; US 2019169882 A1 20190606

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DE 202013002811 U 20130325; CN 201310757382 A 20131220; DE 102012025053 A 20121221; EP 13199260 A 20131220; EP 19150451 A 20131220; EP 20213857 A 20131220; HU E13199260 A 20131220; US 201314136759 A 20131220; US 201916270066 A 20190207