

Title (en)
Door locking device for vehicle

Title (de)
Kraftfahrzeugtürverschluss

Title (fr)
Dispositif de verrouillage pour une porte de véhicule

Publication
EP 1500762 A3 20071010 (DE)

Application
EP 04017420 A 20040723

Priority
DE 10333902 A 20030724

Abstract (en)
[origin: EP1500762A2] The motor vehicle door catch has at least one ratchet with a rotary latch (1) and locking pawl and at least one shock damping arrangement (10) for the ratchet between them that reduces the relative speed between them. The shock damping arrangement is implemented at the edge of at least one stop surface (5) on the rotary latch and/or the locking pawl.

IPC 8 full level
E05B 65/32 (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)
E05B 77/38 (2013.01); **E05B 77/40** (2013.01); **E05B 85/26** (2013.01)

Citation (search report)

- [DX] US 5632517 A 19970527 - PAULIK JIRI [US], et al
- [DA] DE 2320351 A1 19741031 - KIEKERT SOEHNE ARN
- [A] JP H05248131 A 19930924 - MITSUI MINING & SMELTING CO

Cited by
WO2020259740A1; WO2020259749A1; WO2019207407A1; DE202014105005U1; DE102019117053A1; DE102008014405A1; DE202006016158U1; DE202009015561U1; DE102019117054A1; EP2031164A3; CN110344677A; DE102010023904A1; DE102010034770A1; DE102010046400A1; US9879452B2; DE102010034772A1; WO2010009722A1; WO2014090218A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1500762 A2 20050126; EP 1500762 A3 20071010; EP 1500762 B1 20140709; DE 10333902 A1 20050224; DE 202004021948 U1 20130515

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