

Title (en)
Rear lock for a motor vehicle

Title (de)
Heckschloss für ein Kraftfahrzeug

Title (fr)
Fermeture arrière pour un véhicule automobile

Publication
EP 2573301 A3 20140219 (DE)

Application
EP 12180545 A 20120815

Priority

- DE 102011053901 A 20110923
- DE 102012102723 A 20120329
- DE 102012107143 A 20120803
- DE 102012107144 A 20120803
- DE 102012107145 A 20120803

Abstract (en)
[origin: EP2573301A2] The tailgate lock has a closing element (2) which is set in the closed position. A rotary latch (5) and a pawl (9) movable between the release position and engaged position in the direction of the closing element, are biased during the open position of the closing element. The pawl is set in the release position, when the rotary latch is out of engagement. When the latch is in engaged position, the latch is prevented from moving in the direction of open position. A delay unit is coupled to the latch, according to movement speed of latch, for the release of closing element.

IPC 8 full level
E05B 65/19 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 77/42 (2013.01); **E05B 81/14** (2013.01); **E05B 81/20** (2013.01)

Citation (search report)

- [X] EP 0393595 A2 19901024 - ROLTRA MORSE SPA [IT]
- [XI] EP 1970508 A2 20080917 - KIRCHHOFF GMBH & CO KG [DE]
- [XA] US 3378291 A 19680416 - MICHAEL BRIAN
- [X] EP 0397966 A1 19901122 - ROLTRA MORSE SPA [IT]
- [I] EP 0978609 A1 20000209 - VALEO SECURITE HABITACLE [FR]
- [I] DE 3725075 C1 19880818 - KIEKERT GMBH CO KG
- [X] DE 102009048841 A1 20110414 - KIEKERT AG [DE]
- [X] DE 19652012 A1 19980618 - OPEL ADAM AG [DE]
- [X] DE 4318544 C1 19940505 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by
DE102018133301A1; WO2020125858A1; WO2019052889A1; DE102018122802A1; CN103541610A; CN108138516A; CN108138521A; US2013076045A1; US9273497B2; US11199032B2; WO2017005247A1; DE102017121319A1

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

Designated extension state (EPC)
BA ME

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EP 2573301 A2 20130327; EP 2573301 A3 20140219; EP 2573301 B1 20170503

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EP 12180545 A 20120815