

Title (en)

Rotary bar lock, in particular for swing doors of motor vehicle superstructures

Title (de)

Drehstangenverschluss, insbesondere für Schwenktüren von Kraftfahrzeugaufbauten

Title (fr)

Verrou à barre rotative, en particulier pour portes pivotantes de structures de véhicules automobiles

Publication

EP 2746505 A3 20171213 (DE)

Application

EP 13193604 A 20131120

Priority

DE 102012112868 A 20121221

Abstract (en)

[origin: EP2746505A2] The revolving rod lock has a pivot rod (5) that is connected to a locking lever (9) mounted on a base plate (10). The locking lever is locked by a bolt. The bolt is provided with a locking portion. The locking portion of the bolt is engaged behind in the blocking position rigidly to the base plate. The springs are configured to wrap around the torsion spring along the rotational axis of the bolt. The springs are provided with spring wire with a spiral portion and configured to adjoin the end portions (42) for support relative to the locking lever.

IPC 8 full level

E05B 13/00 (2006.01); **E05B 15/04** (2006.01); **E05B 83/10** (2014.01)

CPC (source: EP)

E05B 13/00 (2013.01); **E05B 83/10** (2013.01); **E05B 2015/0448** (2013.01)

Citation (search report)

- [X] EP 1785561 A1 20070516 - PASTORE & LOMBARDI SRL [IT]
- [X] EP 1830020 A1 20070905 - PASTORE & LOMBARDI SRL [IT]
- [XA] WO 2010057536 A1 20100527 - POMMIER FURGOCAR S R L [IT], et al
- [IA] DE 29924647 U1 20040812 - PWP SA [CH]
- [AD] DE 102007056626 A1 20090528 - HESTERBERG & SOEHNE GMBH & CO [DE]

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

DOCDB simple family (publication)

EP 2746505 A2 20140625; **EP 2746505 A3 20171213**; **EP 2746505 B1 20191113**; DE 102012112868 A1 20140626; ES 2766776 T3 20200615; PL 2746505 T3 20200518

DOCDB simple family (application)

EP 13193604 A 20131120; DE 102012112868 A 20121221; ES 13193604 T 20131120; PL 13193604 T 20131120