

Title (en)

LOCK UNIT HAVING A MULTI-PAWL LOCKING MECHANISM

Title (de)

SCHLOSSEINHEIT MIT MEHRKLINKEN-GESPERRE

Title (fr)

UNITÉ DE SERRURE COMPORTANT UN DISPOSITIF D'ENCLIQUETAGE À PLUSIEURS CLIQUETS

Publication

**EP 2326780 A1 20110601 (DE)**

Application

**EP 09748949 A 20090918**

Priority

- DE 2009001320 W 20090918
- DE 102008048712 A 20080924

Abstract (en)

[origin: WO2010034295A1] The invention relates to a lock unit (1) for a motor vehicle (2), comprising at least one rotary catch (2) having a preliminary catch (4) and a main catch (5), a first pawl (6) with a first pawl rotational axis (7), which can be engaged with the main catch (5), a second pawl (8), which is mounted on the first pawl axis (7) and can be engaged with the preliminary catch (4), a blocking lever (9) with a blocking lever axis (10), which fixes the first pawl (6) when the latter is engaged with the rotary catch (3), and a triggering lever (11) for swiveling at least the blocking lever (10), wherein the triggering lever (11) cooperates during the opening process with the blocking lever (9) such that the first pawl (6) and the blocking lever (9) are swiveled with the same rotational direction (12).

IPC 8 full level

**E05B 65/32** (2006.01)

CPC (source: EP US)

**E05B 85/26** (2013.01 - EP US); **E05B 2015/1685** (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/108** (2015.04 - EP US)

Citation (search report)

See references of WO 2010034295A1

Cited by

WO2019233532A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008048712 A1 20100325**; BR PI0913492 A2 20180109; BR PI0913492 B1 20190212; CN 102089488 A 20110608; CN 102089488 B 20130821; EP 2326780 A1 20110601; EP 2326780 B1 20130410; JP 2012503723 A 20120209; JP 5351273 B2 20131127; US 2011169280 A1 20110714; US 8827329 B2 20140909; WO 2010034295 A1 20100401

DOCDB simple family (application)

**DE 102008048712 A 20080924**; BR PI0913492 A 20090918; CN 200980137152 A 20090918; DE 2009001320 W 20090918; EP 09748949 A 20090918; JP 2011528185 A 20090918; US 200913120156 A 20090918