

Title (en)

LOCK FOR A MOTOR VEHICLE DOOR

Title (de)

SCHLOSS FÜR DIE TÜR EINES KRAFTFAHRZEUGES

Title (fr)

SERRURE POUR OUVRANT DE VEHICULE AUTOMOBILE

Publication

EP 3042014 A1 20160713 (FR)

Application

EP 14758942 A 20140904

Priority

- FR 1358454 A 20130904
- EP 2014068806 W 20140904

Abstract (en)

[origin: WO2015032844A1] The invention relates to a lock for a motor vehicle door comprising: - a counterplate (3) intended to be fastened to a motor vehicle door, - a bolt (5) and a bolt pin (7), the bolt (5) being intended to cooperate with a strike and able to rotate around the bolt pin (7) between an open position and a closed position of the lock, and a pawl (6) comprising a pivoting pawl pin (10) and a retaining end (11) able to cooperate with said bolt (5) in the closed position of the lock to prevent the rotation of the bolt (5), characterised in that said lock comprises a guide element (41; 42; 43; 44; 45; 46) in which at least one guide hole (12) is arranged to guide the rotation of the pawl pin (10) and in that the lock comprises at least one reinforcing pillar (14, 15; 21, 22) maintaining the guide element, said guide element (41; 42; 43; 44; 45; 46) being separated from the bolt pin (7).

IPC 8 full level

E05B 85/02 (2014.01); **E05B 85/24** (2014.01)

CPC (source: EP)

E05B 85/02 (2013.01); **E05B 85/243** (2013.01)

Cited by

EP3828368A1

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)

FR 3010122 A1 20150306; FR 3010122 B1 20150814; BR 112016002515 A2 20170829; BR 112016002515 B1 20211221; CN 105531432 A 20160427; CN 105531432 B 20170524; EP 3042014 A1 20160713; EP 3042014 B1 20171011; WO 2015032844 A1 20150312

DOCDB simple family (application)

FR 1358454 A 20130904; BR 112016002515 A 20140904; CN 201480048993 A 20140904; EP 14758942 A 20140904; EP 2014068806 W 20140904