

Title (en)
LOCK FOR A MOTOR VEHICLE

Title (de)
SCHLOSS FÜR KRAFTFAHRZEUG

Title (fr)
VERROU POUR VEHICULE AUTOMOBILE

Publication
EP 3417131 B1 20200506 (FR)

Application
EP 17710328 A 20170217

Priority
• FR 1651355 A 20160219
• FR 2017050367 W 20170217

Abstract (en)
[origin: WO2017140996A1] The invention relates to a lock for a motor vehicle, comprising a stator (1), and a rotor (2) designed to actuate an unlocking body, the stator (1) and the rotor (2) comprising a first and a second assembly means which cooperate together such that the rotor (2) can move between an open angular position in which the rotor (2) can move in translation along the axis of rotation of the rotor, and closed angular positions in which the first and second assembly means block the rotor (2) in translation along the axis of rotation of the rotor, the closed angular positions comprising an idle position and at least one active position for actuating the unlocking body, the lock also comprising a blocking means (33, 34) for blocking the rotation of the rotor (2) in the direction of the open angular position. The invention also relates to an associated motor vehicle and an associated assembly method.

IPC 8 full level
E05B 9/04 (2006.01); **E05B 85/06** (2014.01)

CPC (source: EP)
E05B 9/04 (2013.01); **E05B 85/06** (2013.01); **E05B 17/041** (2013.01)

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

DOCDB simple family (publication)
WO 2017140996 A1 20170824; BR 112018013998 A2 20181211; CN 108699869 A 20181023; CN 108699869 B 20200922; EP 3417131 A1 20181226; EP 3417131 B1 20200506; FR 3048011 A1 20170825; JP 2019510899 A 20190418

DOCDB simple family (application)
FR 2017050367 W 20170217; BR 112018013998 A 20170217; CN 201780011188 A 20170217; EP 17710328 A 20170217; FR 1651355 A 20160219; JP 2018544082 A 20170217