

Title (en)
Lock for a door of a motor vehicle

Title (de)
Schloss für einen Öffnungsflügel eines Kraftfahrzeugs

Title (fr)
Serrure pour un ouvrant de véhicule automobile

Publication
EP 3032010 B1 20170329 (FR)

Application
EP 14306994 A 20141210

Priority
EP 14306994 A 20141210

Abstract (en)
[origin: WO2016091587A1] A lock (1) for a motor vehicle door (2) comprising: a movable control means (13), an opening lever (15) for opening said door (2) intended to allow the door (2) to open, comprising a cam (17) movable in rotation about an axis of rotation (18) and attached to said control means (13) at an attachment area (19) so as to be driven in rotation when the control means (13) is moved, a blocking means (21) configured to assume an active blocking position in which said blocking means (21) blocks said cam (17) and an idle position in which said blocking means (21) is in contact with the cam (17) on a cam profile (25) and allows said cam (17) to move, an elastic return means (23) configured to bring said blocking means (21) to bear on the cam profile (25), the cam profile (25) comprising a knee (15a) configured to bring the blocking means (21) from the idle position to the active blocking position when the cam (17) pivots about the axis of same (18) towards the direction of opening of the door (2) with an acceleration greater than a predefined threshold value.

IPC 8 full level
E05B 77/06 (2014.01)

CPC (source: CN EP)
E05B 77/06 (2013.01 - CN EP)

Cited by
CN108534858A

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)
EP 3032010 A1 20160615; EP 3032010 B1 20170329; CN 107002429 A 20170801; CN 107002429 B 20190416; EP 3230541 A1 20171018; JP 2017538879 A 20171228; JP 6646670 B2 20200214; WO 2016091587 A1 20160616

DOCDB simple family (application)
EP 14306994 A 20141210; CN 201580067795 A 20151125; EP 15798478 A 20151125; EP 2015077611 W 20151125; JP 2017529673 A 20151125