

Title (en)
SAFETY DEVICE FOR A MOTOR VEHICLE, HAVING A ROTARY LATCH AND A PRE-LATCHING POSITION AND A MAIN LATCHING POSITION

Title (de)
SICHERHEITSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG MIT EINER DREHFALLE UND EINER VORRASTSTELLUNG UND EINER HAUPTTRASTSTELLUNG

Title (fr)
DISPOSITIF DE SÉCURITÉ POUR UN VÉHICULE À MOTEUR COMPRENANT UN PÊNE PIVOTANT ET UNE POSITION DE PRÉVERROUILLAGE ET UNE POSITION DE VERROUILLAGE PRINCIPAL

Publication
EP 3394371 A1 20181031 (DE)

Application
EP 16809626 A 20161124

Priority

- DE 102015122575 A 20151222
- DE 2016100547 W 20161124

Abstract (en)
[origin: WO2017108021A1] The invention relates to a safety device (1; 101; 201) for a motor vehicle, having a lock holder (2; 102; 202), a pawl (3; 103; 203) and a rotary latch (4; 104; 204), wherein the rotary latch (4; 104; 204) has a load arm (5; 105; 205), a catch arm (6; 106; 206), an opening direction of rotation (7; 107; 207), a closing direction of rotation (8; 108; 208), a pre-latching position and a main latching position, wherein the pawl (3; 103, 203) is latched in on the catch arm (6; 106; 206) in the pre-latching position and is latched in on the load arm (5; 105; 205) in the main latching position.

IPC 8 full level
E05B 83/24 (2014.01); **E05B 15/04** (2006.01); **E05B 81/14** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP KR US)
E05B 81/14 (2013.01 - KR); **E05B 83/24** (2013.01 - EP KR US); **E05B 85/26** (2013.01 - EP KR US); **E05B 81/14** (2013.01 - EP); **E05B 2015/0486** (2013.01 - EP KR)

Citation (search report)
See references of WO 2017108021A1

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)
WO 2017108021 A1 20170629; CN 108474227 A 20180831; CN 108474227 B 20201013; DE 102015122575 A1 20170713; EP 3394371 A1 20181031; EP 3394371 B1 20200617; JP 2019505703 A 20190228; KR 20180095036 A 20180824; US 11214995 B2 20220104; US 2019003217 A1 20190103

DOCDB simple family (application)
DE 2016100547 W 20161124; CN 201680075295 A 20161124; DE 102015122575 A 20151222; EP 16809626 A 20161124; JP 2018532750 A 20161124; KR 20187020446 A 20161124; US 201616064547 A 20161124