

Title (en)

SECURING DEVICE WITH A FRONT HOOD AND A BAYONET-TYPE CLOSURE SYSTEM

Title (de)

SICHERHEITSVORRICHTUNG MIT EINER FRONTHAUBE UND EINEM BAJONETTVERSCHLUSSSYSTEM

Title (fr)

DISPOSITIF DE SÉCURITÉ PRÉSENTANT UN CAPOT AVANT ET UN SYSTÈME DE FERMETURE À BAÏONNETTE

Publication

EP 3334876 A1 20180620 (DE)

Application

EP 16756572 A 20160726

Priority

- DE 102015113222 A 20150811
- DE 2016100336 W 20160726

Abstract (en)

[origin: WO2017025081A1] The invention relates to a securing device (1), which has a front hood (2) and a hood lock (3) with a lock holder (10), for a motor vehicle. The hood lock (3) has a rotary latch (4) with a pre-latching position and a main latching position in which the front hood (2) is closed and locked, an electric drive (5) which switches the rotary latch (4) from the main latching position into the pre-latching position, and a bayonet-type closure system (13) with a closed position, a release position, and an intermediate position. In the closed position, the rotary latch (4) is located in the main latching position; in the intermediate position, the rotary latch (4) is located in the pre-latching position and the lock holder (10) is engaged with the rotary latch (4); and in the release position, the lock holder (10) is released by the rotary latch (4) and the front hood (2) is unlocked.

IPC 8 full level

E05B 63/24 (2006.01); **E05B 15/02** (2006.01); **E05B 47/00** (2006.01); **E05B 81/06** (2014.01); **E05B 81/14** (2014.01); **E05B 81/20** (2014.01); **E05B 83/24** (2014.01); **E05B 85/04** (2014.01); **E05C 3/24** (2006.01)

CPC (source: EP US)

E05B 15/022 (2013.01 - EP US); **E05B 63/244** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US); **E05B 81/20** (2013.01 - EP US); **E05B 81/30** (2013.01 - US); **E05B 83/24** (2013.01 - EP US); **E05B 85/045** (2013.01 - EP US); **E05B 81/14** (2013.01 - EP US); **E05B 81/18** (2013.01 - US); **E05B 85/243** (2013.01 - EP US); **E05B 2047/0021** (2013.01 - EP US)

Citation (search report)

See references of WO 2017025081A1

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 2017025081 A1 20170216; CN 108138516 A 20180608; CN 108138516 B 20200410; DE 102015113222 A1 20170216; EP 3334876 A1 20180620; EP 3334876 B1 20190626; US 11199032 B2 20211214; US 2018230718 A1 20180816

DOCDB simple family (application)

DE 2016100336 W 20160726; CN 201680059276 A 20160726; DE 102015113222 A 20150811; EP 16756572 A 20160726; US 201615751905 A 20160726