

Title (en)

CLOSING DEVICE FOR A DOOR, DOOR ASSEMBLY

Title (de)

SCHLIESSEINRICHTUNG FÜR EINE TÜR, TÜRANORDNUNG

Title (fr)

DISPOSITIF DE FERMETURE D'UNE PORTE ET SYSTÈME DE PORTE

Publication

EP 3390751 A1 20181024 (DE)

Application

EP 16813063 A 20161216

Priority

- DE 102015225603 A 20151217
- EP 2016081531 W 20161216

Abstract (en)

[origin: WO2017103175A1] The invention relates to a closing device (5) for a door (2), in particular of a motor vehicle, comprising a rotary latch (6) which has a recess (7) for receiving a locking bolt (4), a pivotal locking lever (18) which positively prevents the rotary latch (6) from rotating so as to release the locking bolt (4) in a locked position and which can be pivoted into a release position that releases the rotary latch (6). The rotary latch (6) is arranged in a wet chamber (16) and is rotationally fixed to a latching element (10) arranged in a dry chamber (17) by means of a shaft. The locking lever (18) is arranged in the dry chamber (17) so as to interact with the latching element (10) in order to lock and release the rotary latch (6). The invention is characterized in that the shaft is designed as a hollow shaft (9) and is arranged on a bearing journal (23) which extends beyond the hollow shaft (9) axially on both sides, the ends of the bearing journal being held on a support structure axially in a formfitting manner by plastically deforming the ends.

IPC 8 full level

E05B 85/24 (2014.01); **E05B 77/34** (2014.01); **E05B 79/08** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP)

E05B 77/34 (2013.01); **E05B 79/08** (2013.01); **E05B 85/243** (2013.01)

Citation (search report)

See references of WO 2017103175A1

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)

DE 102015225603 A1 20170622; EP 3390751 A1 20181024; EP 3390751 B1 20191016; WO 2017103175 A1 20170622

DOCDB simple family (application)

DE 102015225603 A 20151217; EP 16813063 A 20161216; EP 2016081531 W 20161216