

Title (en)

Locking device for a door and closure tongue

Title (de)

Verschlusseinrichtung für eine Tür und Verschlusszunge

Title (fr)

Dispositif de fermeture pour une porte et languette de fermeture

Publication

**EP 2374967 B1 20160928 (DE)**

Application

**EP 11155779 A 20110224**

Priority

DE 102010003854 A 20100412

Abstract (en)

[origin: CN102213052A] The present invention provides a locking tongue for a closure device a door, in particular a shielding doors or a gas-tight door, which is to lock and open the door rotatably disposed thereon, wherein the closing tongue is designed such that they occur at a load force above a predetermined threshold value is parallel to a hinge axis of the door by a predetermined rotation axis pivots. The present invention further provides a locking device for a door, especially for a shielding doors or a gas-tight door, with an axle, with a lever plate, the rotation on one side of the door on the axle and connected with an actuating device is provided with a locking plate, which rotated on a different page door on the axle arranged with another actuator and a shutter blade is provided with a drive plate, the rotation on the other side door on the axle arranged and with the latch plate is positively connected, and by means of an actuation control. The door from an unlocked is convertible into a locked state, wherein the locking tongue is designed such that if they experience a load force above a predetermined threshold value in parallel to a hinge axis of the door by a predetermined rotation axis pivots.

IPC 8 full level

**E05B 13/10** (2006.01); **E05B 17/20** (2006.01); **E05B 63/16** (2006.01); **E05B 65/00** (2006.01); **E05B 65/10** (2006.01); **E05C 3/04** (2006.01); **E05C 3/10** (2006.01)

CPC (source: EP)

**E05B 13/10** (2013.01); **E05B 13/106** (2013.01); **E05B 17/2038** (2013.01); **E05B 47/0661** (2013.01); **E05B 63/16** (2013.01); **E05B 65/001** (2013.01); **E05B 65/1026** (2013.01); **E05B 65/1086** (2013.01); **E05C 3/043** (2013.01); **E05C 3/10** (2013.01); **F28G 1/12** (2013.01)

Citation (examination)

- GB 2441143 A 20080227 - WORTHY STEPHEN [GB], et al
- GB 972175 A 19641007 - HARRISON BIRMINGHAM LTD
- DE 10210413 A1 20030403 - EISERMANN ARMIN [DE]
- DE 9406459 U1 19940630 - WEBER FRIEDRICH [DE]
- FR 2560273 A1 19850830 - BERTULETTI JEAN [FR]

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)

**DE 202010015392 U1 20110317**; CN 102213052 A 20111012; CN 102213052 B 20140702; DE 102010003854 A1 20111013; DE 102010003854 B4 20131031; EP 2374967 A2 20111012; EP 2374967 A3 20130313; EP 2374967 B1 20160928

DOCDB simple family (application)

**DE 202010015392 U 20100412**; CN 201010265397 A 20100826; DE 102010003854 A 20100412; EP 11155779 A 20110224