

Title (en)

ELECTRICAL DOOR STRIKE FUNCTIONING UNDER PRESSURE

Title (de)

ELEKTRISCHE UNTER DRUCK ARBEITENDE TÜRÖFFNERFALLE

Title (fr)

GÂCHE ÉLECTRIQUE FONCTIONNANT SOUS PRESSION

Publication

EP 3743578 B1 20231129 (EN)

Application

EP 19708367 A 20190122

Priority

- NO 20180101 A 20180122
- NO 2019000002 W 20190122

Abstract (en)

[origin: WO2019143252A1] The invention describes an electrical door strike (1) having a locking mechanism (4) operating under pressure, comprising a door strike house (2), a movable strike keeper (3), a barrel (8) in the door strike house, a first movable member (10), shaped like a ball, a second rotatable member (11) positioned so as to cut off the central axis of the barrel, and with a rotational axis (16) substantially orthogonal to and crossing the central axis (13) of the barrel and a rotation mechanism for rotating the second member. The second moveable member has radial extent that varies with angular position. Thus the rotation of the second rotatable member (11) causes the first moveable member (10) to be able to move in the barrel between a locked and unlocked position with less influence from pressure on the door.

IPC 8 full level

E05B 47/00 (2006.01)

CPC (source: EP NO)

E05B 47/0047 (2013.01 - EP NO); **E05B 47/0696** (2013.01 - NO); **E05B 47/0004** (2013.01 - EP); **E05B 47/0012** (2013.01 - EP)

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)

WO 2019143252 A1 20190725; EP 3743578 A1 20201202; EP 3743578 B1 20231129; EP 3743578 C0 20231129; NO 20180101 A1 20190723; NO 344518 B1 20200120

DOCDB simple family (application)

NO 2019000002 W 20190122; EP 19708367 A 20190122; NO 20180101 A 20180122