

Title (en)
ELECTRICAL STRIKER UNIT

Title (de)
ELEKTRISCHER TÜRÖFFNER

Title (fr)
UNITÉ DE GÂCHE ÉLECTRIQUE

Publication
EP 3805490 A1 20210414 (EN)

Application
EP 20198704 A 20200928

Priority
SE 1951148 A 20191009

Abstract (en)
An electrical striker unit (2) comprising a housing enclosing parts of the unit, the electrical striker unit is configured to be mounted in a door frame such that it cooperates with a lock assembly mounted at a door leaf, and comprises a pivot latch (4) being pivotable between a locked position and an open position. The electrical striker unit is configured to be in two different states, a locked state when the pivot latch (4) is in the locked position and the pivot latch (4) cooperates with the lock assembly mounted at the door leaf such that the door is closed, and in an open state when the pivot latch (4) is in the open position and pivoted into the housing, and it may be possible to open the door. The striker unit (2) further comprises an arm linkage arrangement providing an operational linkage between an electromechanical unit (6) and the pivot latch (4). The arm linkage arrangement is structured transfer movement from a movement rod (8) connected to the electromechanical unit such that it facilitates both securely fixation of the pivot latch (4) in the locked position and movement of the pivot latch (4) from the locked position to the open position, in dependence of translational movement of the movement rod (8).

IPC 8 full level
E05B 17/00 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP SE)
E05B 17/007 (2013.01 - EP); **E05B 47/0004** (2013.01 - EP); **E05B 47/0047** (2013.01 - EP SE); **E05B 2047/0073** (2013.01 - EP); **E05B 2047/0076** (2013.01 - EP)

Citation (applicant)
EP 2582899 A1 20130424 - STENDALS EL AB [SE]

Citation (search report)
• [I] US 2012169070 A1 20120705 - HUANG CHIEN YING [TW]
• [A] US 4917425 A 19900417 - LOGAS DUANE K [US]
• [A] DE 102017108723 A1 20181025 - ASSA ABLOY SICHERHEITSTECHNIK GMBH [DE]
• [A] US 5690373 A 19971125 - LUKER GRAHAM JAMES [AU]

Cited by
US2022290465A1; US11629527B2; US12008851B2

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)
EP 3805490 A1 20210414; **EP 3805490 B1 20220914**; ES 2932752 T3 20230125; SE 1951148 A1 20210410; SE 544715 C2 20221025

DOCDB simple family (application)
EP 20198704 A 20200928; ES 20198704 T 20200928; SE 1951148 A 20191009