

Title (en)
ELECTRIC STRIKE

Title (de)
ELEKTRISCHER TÜRÖFFNER

Title (fr)
GÂCHE ÉLECTRIQUE

Publication
EP 3109381 A1 20161228 (EN)

Application
EP 15174182 A 20150626

Priority
EP 15174182 A 20150626

Abstract (en)
The electric strike comprises a keeper (15) having a projecting portion (19) which pivots about a first pivot axis (18) and which is arranged to co-operate with a latch bolt, a spring (20) for urging the keeper to its door-locking position, a lock lever (23) which pivots about a second pivot axis (25) and which comprises a hook-shaped retention element (27) for locking the keeper (15) in its door-locking position, and an actuator for actuating the lock lever (23) which comprises a compression spring (31) urging the lock lever (23) to its locking position and an electromagnet (42) exerting, when energized, a counter force onto the lock lever (23) to move it to its unlocking position. To enable a compact and reliable construction notwithstanding the fail-secure arrangement of the electric strike, the first and second pivot axes (18, 25) are substantially parallel, the electromagnet (42) has a fixed core (44) which is arranged to directly attract the lock lever (23) and the outermost edge (21) of the keeper (15) is situated on the other side of a plane ² which comprises the second pivot axis (25) and which passes through the engagement element (28) for the lock lever (23) on the keeper (15) than the first pivot axis (18)

IPC 8 full level
E05B 47/06 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 47/0006 (2013.01); **E05B 47/0047** (2013.01)

Citation (applicant)
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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 3109381 A1 20161228; EP 3109381 B1 20180815; PL 3109381 T3 20181130

DOCDB simple family (application)
EP 15174182 A 20150626; PL 15174182 T 20150626