

Title (en)
ELECTRIC STRIKE FOR DOORS

Title (de)
ELEKTRISCHER ÖFFNER FÜR TÜREN

Title (fr)
GÂCHE ÉLECTRIQUE POUR PORTES

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Application
EP 18000625 A 20180725

Priority
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Abstract (en)
The invention relates to an electric strike for doors, which comprises: a box (1) in which the following are assembled: a rotational latch (2) for retaining a bolt of a lock of a door in a closed position by means of a rotation shaft (5); an unlocking mechanism (4) of the rotational latch, which can be actuated electrically; and means for monitoring the state of the door that include a rotational slider (6). The means for monitoring the state of the door comprise: an electrical switch (7) or reed switch, arranged in a fixed position, and a magnet (8) assembled in the rotational slider (6), such that when said rotational slider (6) is moved towards the inside of the box (1) by the action of the bolt of the lock, the magnet (8) is arranged facing the electrical switch (7), the magnetic field of the magnet (9) causing the activation and inactivation of the electrical switch.

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Citation (search report)

- [YD] ES 1164585 U 20160914 - OPENERS & CLOSERS SL [ES]
- [Y] WO 2016064816 A1 20160428 - SCHILDWACHTER WILLIAM [US], et al
- [A] WO 2017015718 A1 20170202 - ASSA ABLOY AUSTRALIA PTY LTD [AU]
- [A] DE 102010018176 A1 20111027 - DORMA GMBH & CO KG [DE]

Cited by
EP4116525A1

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