

Title (en)

ELECTRIC LOCK WITH A PARTICULARLY SHAPED KEEPER, ESPECIALLY FOR THE ENTRANCE DOORS OF SECURED ROOMS

Publication

EP 0182729 B1 19880907 (FR)

Application

EP 85440063 A 19851023

Priority

FR 8416736 A 19841025

Abstract (en)

[origin: US4703637A] An electric lock comprises a bolt that is movable into and out of a specially-shaped keeper. The bolt is displaced relative to a casing by a motor that is in turn slidably mounted within the casing. During normal use, the motor is fixed relative to the casing by an electromagnetic, and urged away from the electromagnet by a spring that is weaker than the electromagnet. When the power supply to the lock is intentionally or unintentionally cut off, the spring thus urges the motor, and with it the bolt, away from the electromagnet, thereby automatically opening the lock.

IPC 1-7

E05B 47/00; **E05B 15/02**

IPC 8 full level

E05B 15/02 (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)

E05B 17/0029 (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **E05B 2047/0023** (2013.01 - EP US); **E05B 2047/0028** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 292/1021** (2015.04 - EP US)

Cited by

CN110284769A; FR2952668A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0182729 A1 19860528; **EP 0182729 B1 19880907**; AT E37064 T1 19880915; DE 3564841 D1 19881013; FR 2572452 A1 19860502; FR 2572452 B1 19890825; US 4703637 A 19871103

DOCDB simple family (application)

EP 85440063 A 19851023; AT 85440063 T 19851023; DE 3564841 T 19851023; FR 8416736 A 19841025; US 88430186 A 19860710