

Title (en)

Device for adjusting the trip mechanism of an electric lock

Title (de)

Vorrichtung für den Auslösemechanismus eines elektrischen Schlosses

Title (fr)

Dispositif de déclenchement d'une serrure électrique

Publication

EP 0900901 A3 20001220 (EN)

Application

EP 98115570 A 19980819

Priority

IT BO970541 A 19970908

Abstract (en)

[origin: EP0900901A2] A device for adjusting the trip mechanism of an electric lock that comprises a latch (12) and a reset plunger (5), the mechanism comprising an electromagnet which is composed of at least one coil (22), which forms a seat inside which a ferromagnetic core (24) is guided, the core being actuated by a spring against a keeper (28) which is pivoted in a rocker-like fashion and a ratchet system (9) for actuating the latch (12), the device further comprising a pivot which is rotatably supported inside the lock and is provided with a cam which is operatively associated with the keeper so as to adjust its position with respect to the ratchet system. <IMAGE>

IPC 1-7

E05B 47/06; E05B 55/00

IPC 8 full level

E05B 47/06 (2006.01); **E05B 15/16** (2006.01); **E05B 55/00** (2006.01)

CPC (source: EP)

E05B 47/0607 (2013.01); **E05B 47/0002** (2013.01); **E05B 55/00** (2013.01); **E05B 2015/1664** (2013.01)

Citation (search report)

- [Y] EP 0562525 A2 19930929 - ITALIANA SERRATURE AFFINI [IT]
- [Y] DE 140453 C
- [A] FR 565933 A 19240207
- [A] EP 0292361 A1 19881123 - GUIDOTTI D CREATIONS [FR]
- [A] FR 1484810 A 19670616

Cited by

EP1531216A3; CN100439638C

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0900901 A2 19990310; **EP 0900901 A3 20001220**; IT 1294194 B1 19990322; IT BO970541 A0 19970908; IT BO970541 A1 19990308

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