

Title (en)

Device for shutting and opening a turning catch bolt of a door opener pursued by zero signal current

Title (de)

Sperr-/Freigabevorrichtung für eine Schwenkfalle eines Ruhestrom-Türöffners

Title (fr)

Dispositif pour verrouiller et libérer le pêne pivotant d'une ouvreuse de porte à courant permanent

Publication

EP 0590295 B1 20000301 (DE)

Application

EP 93113371 A 19930820

Priority

DE 4229239 A 19920902

Abstract (en)

[origin: US5439262A] A locking/release mechanism for a pivot bolt of a closed-circuit door opener with a safety catch for the pivot bolt, which is controlled by an electromagnet. In order to reliably ensure release of the pivot bolt, even if a person has exerted strong pressure thereon prior to the cutting out or interruption of the magnet current, a locking lever is positioned between the electromagnet and the safety catch. The locking lever has a two-armed construction, one arm being provided with a stop member for engaging with the safety catch and the other arm being in the form of the electromagnet armature. The effective contact surface between the safety catch and the stop member is constructed in such a way that there is a wedge-like displacement action on the stop member through the safety catch.

IPC 1-7

E05B 49/00

IPC 8 full level

E05B 47/04 (2006.01); **E05B 47/06** (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP US)

E05B 47/0047 (2013.01 - EP US); **Y10T 292/1082** (2015.04 - EP US); **Y10T 292/564** (2015.04 - EP US); **Y10T 292/699** (2015.04 - EP US)

Designated contracting state (EPC)

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