

Title (en)

Safety switch device enclosed in a casing

Title (de)

Durch ein Gehäuse umschlossene Sicherheitsschaltvorrichtung

Title (fr)

Dispositif d'interrupteur de sécurité enfermé dans un boîtier

Publication

EP 0666582 B1 19970917 (DE)

Application

EP 94119905 A 19941216

Priority

DE 4403061 A 19940202

Abstract (en)

[origin: EP0666582A1] The safety switch device is enclosed in a housing (1). It has a ram (3) which is actuated by a key (2) inserted into the housing (1) and is axially movable. The ram (3) is in operative connection with an electric switch (4) which cuts off an electric machine. After each positioning of the ram (3), the switch (4) is switched on or off. The device also has an electromagnetic locking device (6). The key (2) can only be withdrawn from the housing (1) after this locking device (6) has been excited, since the locking device (6) blocks a ratchet wheel and the ram (3) linked to it. The ratchet wheel is movable by the ram (3) and can be fixed by means of a locking handle (8) connected to the locking device (6). The switch (4) is actuated by the ratchet.

IPC 1-7

H01H 27/00

IPC 8 full level

H01H 27/00 (2006.01)

CPC (source: EP US)

H01H 27/007 (2013.01 - EP US)

Cited by

CN1061461C

Designated contracting state (EPC)

BE CH ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 4403061 C1 19950622; EP 0666582 A1 19950809; EP 0666582 B1 19970917; ES 2107110 T3 19971116; US 5584378 A 19961217

DOCDB simple family (application)

DE 4403061 A 19940202; EP 94119905 A 19941216; ES 94119905 T 19941216; US 38002295 A 19950130