

Title (en)

Interlocked socket with removable key to prevent switch reset

Title (de)

Schubgesicherte Steckverbindung betätigt durch einen entfernbaren Schlüssel um eine Wiedereinschaltung des Schalters auszuschliessen

Title (fr)

Dispositif de connexion verouillé, actionné par une clef amovible pour éviter le réarmement d'un interrupteur

Publication

EP 1542320 A2 20050615 (EN)

Application

EP 04007500 A 20040327

Priority

IT PD20030299 A 20031212

Abstract (en)

The application concerns a new interlocked socket with control device (L) for opening/closing the current switch comprising a slide for locking-releasing the plug inserted with control device that can be freely disabled but enabled only by means of a removable safety key (C). The control device (L) of the switch is coupled, by means of a pin (P) provided with radial protrusions (P1) and radial hole (P2), to a ring element (A) having on its outer surface spiral-shaped channels or protrusions (A1), in its turn coupled to a hole (S1), provided with spiral-shaped protrusions or channels, of the slide (S) locking the plug and supporting the contacts (X). The control device (L) idles around said pin (P) and features a preferably coaxial hole or housing (L1) designed to house a safety and reset key (C). The coupling between control device (L) and pin (P), and therefore also with the ring element (A), is by insertion of the safety key (C) into the control device (L) until the end of said key (C) locates in the radial hole (P2) of the pin (P).

IPC 1-7

H01R 13/639

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/70** (2006.01); **H01R 13/447** (2006.01); **H01R 13/52** (2006.01); **H01R 13/68** (2006.01)

CPC (source: EP)

H01R 13/701 (2013.01); **H01R 13/447** (2013.01); **H01R 13/6616** (2013.01)

Cited by

CN109244758A; EP2317611A1; CN102157865A; ITMI20091909A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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