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(54) Interlocked socket with removable key to prevent switch reset

(57) 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).

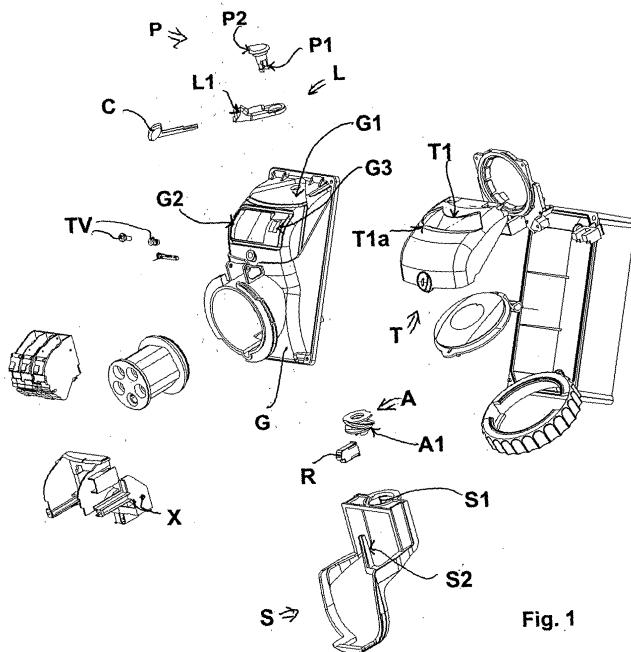


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 04 00 7500

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3	Place of search The Hague	Date of completion of the search 31 August 2009	Examiner Vautrin, Florent
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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31-08-2009

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