

Title (en)

SAFETY CONNECTING DEVICE AND APPARATUS INCLUDING SUCH A DEVICE

Title (de)

SICHERE ANSCHLUSSVORRICHTUNG UND DAMIT VERSEHENES GERÄT

Title (fr)

DISPOSITIF DE CONNEXION DE SECURITE ET APPAREIL COMPORTANT LEDIT DISPOSITIF

Publication

**EP 2919250 B1 20170628 (EN)**

Application

**EP 15425018 A 20150311**

Priority

IT RM20140125 A 20140312

Abstract (en)

[origin: EP2919250A1] The present invention concerns a Safety connecting device (1) for connecting an electrical component (4), provided with at least one electrical terminal (41), to a circuit (5), said connecting device (1) comprising a first element (2) that can be removably coupled to said electrical terminal (41) of said electrical component (4), a second element (3), electrically connected with said circuit (5), coupling means for coupling said first element (2) to said second element (3), said coupling means being electrically conductive and configured to reduce the mechanical coupling between said first element (2) and said second element (3) due to an increase over than a presettable threshold temperature, to which they are subjected to, and a safety member (34) configured to exert a separating force between said first element (2) and said second element (3), wherein, when said temperature to which said coupling means are subject to exceeds said presettable threshold, said safety member (34) interrupts the electrical coupling between said first element (2) and said second element (3). The present invention concerns also an apparatus (A) including such a safety connecting device (1).

IPC 8 full level

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CPC (source: EP)

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