

Title (en)

DEVICE FOR THE ELECTRICAL INTERCONNECTION OF ELECTRICAL CABLES AND MANUFACTURING PROCESS THEREOF

Title (de)

VORRICHTUNG ZUR ELEKTRISCHEN VERBINDUNG VON ELEKTRISCHEN KABELN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'INTERCONNEXION ÉLECTRIQUE DE CÂBLES ÉLECTRIQUES ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3224915 A1 20171004 (EN)

Application

EP 15818047 A 20151120

Priority

- IT MO20140343 A 20141125
- IB 2015059003 W 20151120

Abstract (en)

[origin: WO2016083965A1] The device (1) for the electrical interconnection of electrical cables (5, 9) comprises: - a first male terminal (2, 3), of electrically conductive material, having a first distal portion (2) shaped like a pin and a first proximal portion (3) shaped to define a first bending spring (4) for locking a first electrical cable (5); - a second female terminal (6, 7), of electrically conductive material, having a second distal portion (6) shaped like a bush and a second proximal portion (7) shaped to define a second bending spring (8) for locking a second electrical cable (9); wherein: - the first distal portion (2) being insertable in the second distal portion (6) for the electrical connection of the electrical cables (5, 9); - the first male terminal (2, 3) consists of a first plate element sheared and folded to define both the first distal portion (2) and the first proximal portion (3), which are made in a single monolithic body; - the second female terminal (6, 7) consists of a second plate element sheared and folded to define both the second distal portion (6) and the second proximal portion (7), which are made in a single monolithic body.

IPC 8 full level

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