

Title (en)
METHOD FOR CONTACTING MULTI-CORE ROUND CABLES WITHOUT SKINNING, AND CORRESPONDING CONTACTING DEVICE

Title (de)
VERFAHREN ZUM ABISOLIERFREIEN KONTAKTIEREN MEHRADRIGER RUNDKABEL UND KONTAKTIEREINRICHTUNGEN HIERFÜR

Title (fr)
PROCEDE POUR LA CONNEXION SANS DENUDAGE DE CABLES RONDS MULTICONDUCTEURS ET SYSTEME DE CONNEXION A CET EFFET

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Abstract (en)
[origin: DE19717216A1] The invention relates to a method for contacting the conductive lead cores of a round cable electrically, said round cable having at least two twisted, insulated leads encased in a sheathing consisting of insulating material. According to the inventive method, the contacting is carried out without the sheathing being removed and the positions of the points of contact are determined from the course of the leads. The invention also relates to a contacting device for carrying out this method. The penetrating contact elements (8-10, 34, 62, 71, 79, 82) are arranged on a contact piece (18, 31) to correspond with the positions of the points of contact determined from the course of the leads. Said contact piece consists of insulating material and can be pushed forward with the penetrating contact elements (8-10, 34, 62, 71, 79, 82) against the sheathing (3, 45) of the round cable (7, 36). The inventive contacting method and contacting device therefore provide a more simple and economical means of contacting the leads of a multi-core round cable safely, compared with known devices. As a result, these inexpensive round cables, which are always provided as standard cables, can be used in a substantially wider range of applications and use can be made of the advantages that they have over coded flat cables. The invention also presents advantageous ways of carrying out the method and various embodiments or designs for the contacting device.

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