

Title (en)

CONTACT SYSTEM FOR CONTACTING A BRAIDED SHIELD AND A CONTACT ELEMENT

Title (de)

KONTAKTSYSTEM ZUR KONTAKTIERUNG EINES SCHIRMGEFLECHTS UND EINES KONTAKTELEMENTS

Title (fr)

SYSTÈME DE CONTACT DESTINÉ À LA MISE EN CONTACTE D'UN TRESSAGE DE BLINDAGE ET D'UN ÉLÉMENT DE CONTACT

Publication

EP 3422480 B1 20200930 (DE)

Application

EP 18190109 A 20170622

Priority

- EP 17170864 A 20170512
- EP 17731915 A 20170622
- EP 2017065459 W 20170622

Abstract (en)

[origin: WO2018206127A1] The invention relates to a contact system for contacting an aluminium braid (7) to a contact element (1) comprising - an electrically conducting cable (4); - the aluminium braid (7) comprising a plurality of aluminium wires, which is arranged to run at least in sections between a primary isolation (6) and a secondary isolation (8) of the electrically conducting cable (4); - the contact element (1) which can be pushed onto the electrically conducting cable (4) having an outer sleeve (3) and an inner sleeve (2) which can be inserted therein. To achieve a contact system which makes possible, in a simple fashion, a reliable contacting of an aluminium braid to a contact element without additional soldering systems being required, according to the invention the inner sleeve (2) has a first contact surface (2a) and the outer sleeve (3) has a second contact surface (3a), wherein each contact surface (2a, 3a) has areas of different size of cross-section and the contact surfaces (2a, 3a) are designed in such a manner that the aluminium braid (7) is clamped in a contact position by the inner sleeve (2) being pushed axially inside the outer sleeve (3) and contact is made with the contact element (1).

IPC 8 full level

H01R 9/05 (2006.01)

CPC (source: EP US)

H01R 4/5016 (2013.01 - US); **H01R 4/5083** (2013.01 - US); **H01R 9/0524** (2013.01 - EP); **H01R 43/00** (2013.01 - US)

Cited by

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DOCDB simple family (publication)

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