

Title (en)

METHOD FOR ESTABLISHING A SEALED CONNECTION

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERSIEGELTEN VERBINDUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE CONNEXION SCELLÉE

Publication

**EP 2507868 A1 20121010 (DE)**

Application

**EP 10795646 A 20101202**

Priority

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- EP 2010068683 W 20101202

Abstract (en)

[origin: WO2011067310A1] The invention relates to a method for establishing a sealed connection between two electric conductors, in particular a strand of a carbon brush and a connecting conductor of a supplementary electric component, wherein contact sections (17, 18) of the conductors are exposed by means of removing a protective sheathing (13, 27) covering the electric conductors, subsequently an electrically conductive connection of the contact sections is generated for forming a connecting site (14), subsequently a slip collar (19) made of shrinkable plastic material is positioned on the connecting site, said slip collar being provided with at least one axial slip opening (26), and subsequently a protective sheathing of the connecting site is formed from the slip collar using a forming process by supplying thermal energy to the slip collar.

IPC 8 full level

**H01R 4/72** (2006.01)

CPC (source: EP US)

**H01R 4/021** (2013.01 - EP US); **H01R 4/72** (2013.01 - EP US); **H01R 39/36** (2013.01 - EP US); **Y10T 29/49204** (2015.01 - EP US)

Citation (search report)

See references of WO 2011067310A1

Citation (examination)

- JP 2008204644 A 20080904 - TYCO ELECTRONICS AMP KK
- US 2002105246 A1 20020808 - OOHAMA MITSUAKI [JP]

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