

Title (en)

ELECTRICAL CONNECTOR APPARATUS AND METHOD

Title (de)

ELEKTRISCHE STECKVERBINDUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)

DISPOSITIF ET PROCEDE DE CONNEXION ELECTRIQUE

Publication

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Application

EP 01914672 A 20010305

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Abstract (en)

[origin: WO0167558A2] The subject invention relates to an electrical connector for coupling to an insulated single conductor electrical cable or to a coaxial cable, the latter being of the type having an inner conductor enclosed in an inner concentric insulation and having a generally concentric conductive sheath therearound and an outer insulation enclosing the conductive sheath. The subject connector includes a housing having an electrically conductive portion and a bore therein. One or more conductive arms can be disposed in the bore and electrically connected to the conductive housing portion and have pointed ends sized for piercing the outer insulation of the insulated electrical conductor. A closure member is included for closing the open end of the above and for forcing and/or securing engagement of the pointed ends of the conductive arms through the outer insulation of an electrical cable. For embodiments for use with a coaxial cable, the conductive arms are insulated from the electrical conductive pin and the pointed ends of the conductive arms can be shaped relative to one another to pierce the outer insulation and the conductive sheath of the cable without contacting the center conductor.

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