

Title (en)
DEVICE FOR CONNECTING A COAXIAL CABLE TO CONTACTS WHICH CAN BE CONNECTED TO EXTENSION LEAD ARRANGEMENTS

Title (de)
VORRICHTUNG ZUM ANSCHLIESSEN EINES KOAXIALKABELS AN MIT WEITERFÜHRENDEN LEITUNGSEINRICHTUNGEN VERBINDBARE KONTAKTE

Title (fr)
DISPOSITIF DE RACCORDEMENT D'UN CÂBLE COAXIAL A DES CONTACTS POUVANT ETRE RACCORDES A DES SYSTEMES PROLONGATEURS

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Application
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Priority
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Abstract (en)
[origin: US5899769A] PCT No. PCT/EP94/01023 Sec. 371 Date Nov. 29, 1995 Sec. 102(e) Date Nov. 29, 1995 PCT Filed Mar. 31, 1994 PCT Pub. No. WO95/27319 PCT Pub. Date Oct. 12, 1995A device for connecting a coaxial cable to first and second contacts which are secured in an enclosure. The enclosure is equipped with an insert having an inner bore to snugly seat the coaxial cable and whose center axis is in true alignment with the first contact. The second contact includes a contact spring device circumferentially clamped in the enclosure in an essentially rigid manner and having tabs with sharp free ends extending toward a contact pin rigidly fastened in the enclosure. The tabs are bent outward at identical angles from a plane defined by the clamped position of the contact spring device toward the inner bore of the insert. The insert is equipped with a rigid thrust face for exertion of pressure against the tabs of the contact spring device. The contact spring device, the contact pin and the insert are matched to one another and located in the enclosure. The contact pin axially penetrates the inner conductors of the coaxial cable and the tabs of the contact spring device cut an outer cable insulation and press into contact with a cable shield in the coaxial cable when the coaxial cable has been cleanly cut perpendicular to its longitudinal axis and is located in the inner bore of the insert, is pushed some distance onto the contact pin and the insert is then pushed by a clamping nut over a defined distance toward the contact pin.

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