

Title (en)

IMPROVED DEVICE FOR THE GROUND CONNECTION OF COAXIAL CABLES

Title (de)

VERBESSERTE VORRICHTUNG FÜR DIE MASSEVERBINDUNG VON KOAXIALKABELN

Title (fr)

DISPOSITIF AMÉLIORÉ POUR LA CONNEXION DE MASSE DE CÂBLES COAXIAUX

Publication

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Application

EP 16710096 A 20160311

Priority

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Abstract (en)

[origin: WO2016146253A1] A device for the ground connection of coaxial cables, of the type comprising an internal contact (12) electrically connected to the secondary conductor (22) of the coaxial cable (20), a contact bar (4) electrically connected to the above-mentioned internal contact (12) and having an end (5) to which the grounding cable (6) is fixed and an opposite end (7), a gasket (3) made of an elastomeric material provided with a seat (11) for the above-mentioned internal contact (12), and a pocket seat (8,9) having a bottom (10) for said end (7) of the contact bar (4), an outer metallic shell (2) also being envisaged for closing said device. In the device of the invention, a system is envisaged which effects and maintains the connection between said contact bar (4) and the above-mentioned internal contact (12), due to the elastic action (F1, F3) exerted by said gasket (3) made of an elastomeric material on the end (7) of the contact bar (4) housed inside said pocket seat (8, 9). With respect to analogous devices of the known art for the ground connection of coaxial cables, that according to the present invention offers the advantage of ensuring the stability of the electrical contact between the ground cable and the coaxial cable, at the same time maintaining the necessary coupling between the contact bar and the internal contact, effected without weldings and by means of mechanical connection.

IPC 8 full level

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