

Title (en)
PLUG CONNECTOR FOR MAKING SOLDER-FREE CONTACT WITH A COAXIAL CABLE

Title (de)
STECKVERBINDER ZUR LÖTFREIEN KONTAKTIERUNG EINES KOAXIALKABELS

Title (fr)
CONNECTEUR POUR UNE LIAISON SANS SOUDURE D'UN CÂBLE COAXIAL

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Application
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Abstract (en)
[origin: WO2016146828A1] The invention relates to a plug connector (1) having an outer conductor socket (6) to receive a coaxial cable (2). Furthermore, there is an inner conductor receiving element (8), which is used to receive an inner conductor (3) of the coaxial cable (2) and which is arranged in a centered manner within the outer conductor socket (6). The outer conductor socket (6) has at least one contact-making area (10), which is used to make electrical contact with an outer conductor (4) of the coaxial cable (2). The plug connector (1) additionally has at least one separating element (12), which is arranged within the outer conductor socket (6) in such a way that making electrical contact with the end of the outer conductor (4) of a coaxial cable (2) that can be or is inserted into the outer conductor socket (6) and the outer conductor socket (6) is prevented or suppressed, and that, in the plugged-in state, the contact-making area (10) is arranged in the outer conductor socket (6) in such a way that electrical contact can be or is made radially with the circumferential wall (22) adjoining the end, preferably can be or is made exclusively radially.

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Citation (examination)
• US 4906207 A 19900306 - BANNING HARMON W [US], et al
• DE 69704491 T2 20020328 - SHOP VAC CORP [US]

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