

Title (en)

Coaxial solder connector and method to connect it to a coaxial cable

Title (de)

Lötbarer koaxialer Steckverbinder und Verfahren zu dessen Montage auf einem Koaxialkabel

Title (fr)

Connecteur coaxial à soudure et méthode de montage sur un câble coaxial

Publication

EP 1724877 B1 20120815 (DE)

Application

EP 06017179 A 20021107

Priority

- EP 02024843 A 20021107
- DE 10156606 A 20011117

Abstract (en)

[origin: EP1313170A1] The device has a plug head (1) with a cable-side opening (1.2) for accommodating, contacting and holding the end of the outer conductor of a coaxial cable whose floor has a central passage (1.4) to a plug-side opening (1.6) for an insulating support that holds an inner conductor with an axial bore (3.2) for inserting the end of the cable's inner conductor. A solder deposit (5) is arranged in the axial bore of the plug connector's inner conductor. <??>AN Independent claim is also included for the following: a method of soldering a plug connector to the end of a coaxial cable.

IPC 8 full level

H01R 4/02 (2006.01); **H01R 9/05** (2006.01); **H01R 13/622** (2006.01); **H01R 13/646** (2011.01); **H01R 43/02** (2006.01)

CPC (source: EP)

H01R 4/024 (2013.01); **H01R 9/05** (2013.01); **H01R 13/622** (2013.01); **H01R 24/40** (2013.01); **H01R 43/0207** (2013.01)

Citation (examination)

- EP 0660970 B1 19970108 - RAYCHEM SA NV [FR]
- DE 10055992 A1 20011031 - SPINNER GMBH ELEKTROTECH [DE]
- US 3541495 A 19701117 - ELLIS ROGER H, et al

Cited by

DE102010014154A1; WO2011124299A1; US8876551B2; DE102021132574B3; EP4195414A1

Designated contracting state (EPC)

DE FI FR GB SE

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EP 1313170 A1 20030521; **EP 1313170 B1 20061004**; DE 10251905 A1 20030724; DE 10251905 B4 20070222; DE 10251905 C5 20120614; DE 50208326 D1 20061116; EP 1724877 A2 20061122; EP 1724877 A3 20070711; EP 1724877 B1 20120815

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