

Title (en)

PROCESS FOR SOLDERING AN OUTER CONDUCTOR CONTACT SLEEVE OF A COAXIAL SOCKET OR A COAXIAL PLUG

Publication

EP 0192306 A3 19880831 (DE)

Application

EP 86200233 A 19860218

Priority

DE 3505616 A 19850219

Abstract (en)

[origin: US4679723A] The outer conducting sleeve of a coaxial cable connector is soldered to a housing wall or metal plate, the sleeve being butt-mounted to the plate. The plate has a raised edge surrounding the opening, and a ring of solder is placed between the raised edge and the inner surface of the sleeve before the sleeve is butted against the plate, and the solder is subsequently melted. Indentations in the plate, under the end wall of the sleeve, permit solder to flow outward so as to wet the outer surface of the sleeve to form a continuous joint.

IPC 1-7

H01R 4/02; **H01R 17/12**; **H01R 43/02**

IPC 8 full level

B23K 1/00 (2006.01); **H01R 4/02** (2006.01); **H01R 43/02** (2006.01); **H05K 3/34** (2006.01); **H05K 7/12** (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP US)

H01R 43/0235 (2013.01 - EP US); **H01R 13/6592** (2013.01 - EP US); **H01R 13/6594** (2013.01 - EP US); **Y10T 29/49123** (2015.01 - EP US)

Citation (search report)

- [A] GB 2092692 A 19820818 - FLOWDRILLING UK LTD
- [AD] DE 1959172 U 19670427 - FUBA ANTENNENWERKE HANS KOLBE [DE]
- [AD] C.J. THWAITES: "Capillary Joining - Brazing and Soft-Soldering", Seiten 51-55,85-89, Research Studies Press

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0192306 A2 19860827; **EP 0192306 A3 19880831**; **EP 0192306 B1 19911211**; DE 3505616 C1 19860904; DE 3682788 D1 19920123; JP H0770827 B2 19950731; JP S61191096 A 19860825; US 4679723 A 19870714

DOCDB simple family (application)

EP 86200233 A 19860218; DE 3505616 A 19850219; DE 3682788 T 19860218; JP 3208986 A 19860218; US 92282386 A 19861022