

Title (en)

Connector for coaxial cable having an corrugated outer conductor

Title (de)

Steckverbinder für Koaxialkabel mit ringgewelltem Aussenleiter

Title (fr)

Connecteur pour câble coaxial ayant un conducteur extérieur ondulé

Publication

EP 1011175 B1 20050105 (DE)

Application

EP 99120461 A 19991014

Priority

DE 19857528 A 19981214

Abstract (en)

[origin: EP1011175A2] The connector has a plug head (5) with an opening (51) with an internal thread with an annular surface (52) for contacting the end of the cable's outer conductor and a contact sleeve with radially sprung segments and a hollow bolt (7) with an O-ring (8) that seals the annular gap between the plug head and hollow bolt. The tightening movement of the hollow bolt is divided in two by the sealing O-ring, which is arranged so that it mounts the end of the plug head at the end of a pre-mounting phase. The plug head aperture on the cable side has an unthreaded section with an internal diameter greater than that of the hollow bolt in the threaded section (72).

IPC 1-7

H01R 13/646; **H01R 13/52**

IPC 8 full level

H01R 13/52 (2006.01); **H01R 13/646** (2011.01); **H01R 9/05** (2006.01)

CPC (source: EP US)

H01R 13/5202 (2013.01 - EP US); **H01R 24/564** (2013.01 - EP US); **H01R 24/566** (2013.01 - EP); **H01R 9/0521** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Cited by

CN105673652A; EP2214265A1; CN108574145A; EP1860744A3; CN103234041A; CN105570458A; CN105715792A; CN105673845A; US7690945B2; WO2011146441A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 1011175 A2 20000621; **EP 1011175 A3 20020612**; **EP 1011175 B1 20050105**; **EP 1011175 B2 20130703**; BR 9907487 A 20000808; CN 1113445 C 20030702; CN 1257330 A 20000621; DE 19857528 A1 20000817; DE 19857528 C2 20020620; DE 59911404 D1 20050210; HK 1027675 A1 20030423; US 6217384 B1 20010417

DOCDB simple family (application)

EP 99120461 A 19991014; BR 9907487 A 19991206; CN 99124755 A 19991208; DE 19857528 A 19981214; DE 59911404 T 19991014; HK 00106191 A 20000928; US 44218699 A 19991116