

Title (en)
Connector for a coaxial cable with a smooth outer conductor

Title (de)
Steckverbinder für Koaxialkabel mit glattem Aussenleiter

Title (fr)
Connecteur pour câble coaxial ayant un conducteur extérieur lisse

Publication
EP 1028498 B1 20041124 (DE)

Application
EP 00101073 A 20000120

Priority
DE 19906023 A 19990210

Abstract (en)
[origin: EP1028498A1] The plug connector includes a plug head (5), having an extrusion (51) with internal threads for a hollow screw (7) enclosing the cable. A ring surface (52) in the extrusion contacts an end (32) of the outer cable conductor (3) which is enclosed by a contact sheath (6). The contact sheath has radial springy segments (62) with thickened ends (63), in whose area the inside diameter of the contact sheath is smaller than the diameter of the end of the outer conductor. The screw presses on the segments of the contact sheath, so that they clamp the end of the outer conductor against the ring surface area in the extrusion of the plug head.

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H01R 24/02; H01R 9/05; H01R 13/646

IPC 8 full level
H01R 9/05 (2006.01); **H01R 24/02** (2006.01)

CPC (source: EP US)
H01R 9/0527 (2013.01 - EP US)

Cited by
EP1303005A1; DE10326526B4; US6802739B2; US7261581B2; US7077700B2; US7104839B2

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EP 00101073 A 20000120; DE 50008711 T 20000120; DK 00101073 T 20000120; US 50125200 A 20000210