

Title (en)
ELECTRICAL CONNECTOR

Title (de)
ELEKTRISCHER VERBINDER

Title (fr)
CONNECTEUR ELECTRIQUE

Publication
EP 0733273 B1 19970806 (EN)

Application
EP 95903484 A 19941204

Priority
• SE 9401165 W 19941204
• SE 9304067 A 19931207

Abstract (en)
[origin: WO9516291A1] The invention relates to a connector (10), and particularly, but not exclusively, to a connector for connecting a coaxial cable (1) to an electrical contact terminal device (70) which includes a plurality of pin terminals or pin connectors (71). The connector (10) includes a connector housing (20) having an abutment surface (23) for a shielding stocking (4) on the coaxial cable (1). The connector housing (20) also includes a plurality of holes (26) for coaction with pin terminals or pin connectors (71) on the electrical contact terminal device (70). The connector (10) further includes an electrically insulating spacing element (50) and a central sleeve (40), wherein the central sleeve (40) includes a hole (41) for connecting a central conductor (2) of the coaxial cable (1), and a hole (42) for coaction with a terminal pin or connecting pin (71) on the electrical contact terminal (70). The spacing element (50) includes central-sleeve fastener means. The connector (10) also includes a clamping ring (60) for affixing the shielding stocking (4) to its abutment surface (23). According to the invention, the central conductor (2) of the coaxial cable (1) is affixed to the central sleeve (40) by means of a crimping process, whereafter the shielding stocking (4) of the coaxial cable (1) is pressed into abutment with the abutment surface (23) on the connector housing (20) by means of a crimping tool which acts on the clamping ring (60).

IPC 1-7
H01R 17/04

IPC 8 full level
H01R 9/05 (2006.01); **H01R 13/646** (2011.01); **H01R 4/18** (2006.01)

CPC (source: EP)
H01R 9/0518 (2013.01); **H01R 24/40** (2013.01); **H01R 4/183** (2013.01); **H01R 2103/00** (2013.01)

Cited by
CN106981849A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9516291 A1 19950615; AT E156631 T1 19970815; AU 1252095 A 19950627; DE 69404863 D1 19970911; DE 69404863 T2 19971127; DK 0733273 T3 19980302; EP 0733273 A1 19960925; EP 0733273 B1 19970806; ES 2106637 T3 19971101; SE 505224 C2 19970721; SE 9304067 D0 19931207; SE 9304067 L 19950608

DOCDB simple family (application)
SE 9401165 W 19941204; AT 95903484 T 19941204; AU 1252095 A 19941204; DE 69404863 T 19941204; DK 95903484 T 19941204; EP 95903484 A 19941204; ES 95903484 T 19941204; SE 9304067 A 19931207