

Title (en)
Coaxial cable

Title (de)
Koaxialverbinder

Title (fr)
Connecteur coaxial

Publication
EP 0918370 A3 20010718 (DE)

Application
EP 98117833 A 19980921

Priority
DE 29720827 U 19971124

Abstract (en)
[origin: EP0918370A2] A coaxial connector (10) in which the coaxial connector is provided with a cap-nut (40) which is connectable on the coaxial connector on the cable side. A first contact device (42) contacts the outer conductor (86) at least two radially opposite points externally through a sheath-insulation (90) of the coaxial cable. A second contact device (26,34,38) contacts the bared inner conductor (88) at east two radially opposite points. First and second clamping devices (64,44) are provided, the first converting an axial movement of a cap-nut (40) as it is fixed on the coaxial connector (10) into radially inward directed movement of the first contact device (42) into a contact position with the outer conductor (86), and a retaining force of the cap-nut into a contact force operating on the first contact device (42). The second contact device (44) converts an axial movement of a cap- nut (40) into a radially inward movement of a second contact device (26,34,38) into a contact position with the inner conductor (88).

IPC 1-7
H01R 9/05

IPC 8 full level
H01R 9/05 (2006.01); **H01R 9/053** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)
H01R 9/053 (2013.01); **H01R 24/40** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
• [A] DE 1921200 A1 19701105 - SIEMENS AG
• [A] WO 9319498 A1 19930930 - JOHNSEN KAARE [NO]
• [A] EP 0704930 A2 19960403 - SIEMENS AG [DE]
• [A] DE 29603571 U1 19960418 - ROSENBERGER HOCHFREQUENZTECH [DE]

Cited by
GB2496653A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29720827 U1 19980108; DE 59810662 D1 20040304; EP 0918370 A2 19990526; EP 0918370 A3 20010718; EP 0918370 B1 20040128

DOCDB simple family (application)
DE 29720827 U 19971124; DE 59810662 T 19980921; EP 98117833 A 19980921