

Title (en)
High frequency right angle coaxial connector device

Title (de)
HF-Koaxial-Winkel-Steckverbinderteil

Title (fr)
Connecteur à angle droit pour hautes fréquences

Publication
EP 0924809 B1 20041124 (DE)

Application
EP 98116984 A 19980908

Priority
DE 19756890 A 19971219

Abstract (en)
[origin: EP0924809A2] The plug connector consists of an electrically conducting casing (2) with connections, in which a rectangular coaxial conductor is integrated. A coaxial plug of the coaxial conductor is mounted at the front side (6) of the casing, and its connections serve simultaneously for its mounting on the printed circuit board (22). An inner conductor of the coaxial conductor is fixed within insulating material sheaths (13,17), and is inserted in outer conductor sections (5,25) integrated in the casing. The inner conductor of the coaxial conductor is composed of two straight inner conductors (7,8), at the sides of the plug and the printed circuit board, respectively, which are clamped together at both ends within the casing. The clamping of the inner conductors forms a plug pin (10) towards the plug side, and a pin clamp (16) towards its other side.

IPC 1-7
H01R 9/05; **H01R 12/20**

IPC 8 full level
F02D 41/04 (2006.01); **H01R 9/05** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)
H01R 24/50 (2013.01); **H01R 12/58** (2013.01); **H01R 24/545** (2013.01); **H01R 2103/00** (2013.01)

Citation (examination)
EP 0668638 A1 19950823 - SUMITOMO WIRING SYSTEMS [JP]

Cited by
EP2579393A1; EP2658036A1; EP1225664A3; DE10312515A1; EP2053705A3; CN101953032A; DE19904574A1; DE19904574C2; EP1104943A1; FR2801434A1; CN102948019A; US6860761B2; US8926365B2; WO2009100801A1; WO0046882A1; WO2011154302A1; JP2013528311A; EP2415128B1

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

DOCDB simple family (publication)
EP 0924809 A2 19990623; **EP 0924809 A3 20000830**; **EP 0924809 B1 20041124**; DE 59812306 D1 20041230; ES 2231929 T3 20050516; HU 9802970 D0 19990201; HU P9802970 A2 19990928; HU P9802970 A3 20020729; NO 985907 D0 19981216; NO 985907 L 19990621

DOCDB simple family (application)
EP 98116984 A 19980908; DE 59812306 T 19980908; ES 98116984 T 19980908; HU P9802970 A 19981218; NO 985907 A 19981216