

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 A3 20000830 (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 17/12**

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

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