Title (en)

Angled HF coaxial plug connector

Title (de)

HF-Koaxial-Winkelsteckverbinderteil

Title (fr)

Connecteur coudé à fiches coaxial à haute fréquence

Publication

EP 0911912 A3 20000517 (DE)

Application

EP 98116039 A 19980825

Priority

DE 19746637 A 19971022

Abstract (en)

[origin: US6132244A] A RF coaxial angle-connector part embodied as a coaxial connector-part module having coaxial connector parts disposed at the front in a housing. The metallized-plastic housing has, on a bottom at an edge, a multiplicity of contact bearing feet with bearing surfaces which constitute SMD connections. The contact bearing feet are used both for mounting the housing on a base as well as for conductively connecting the SMD connections to connections that are allocated to the latter on the base. The conductive connections between coaxial inner conductors of the coaxial connector parts and the SMD connections includes insulated metallic inner-conductor connection pieces that have in each case two sections which are disposed essentially perpendicular to one another. The two sections include an inner-conductor plug part and an SMD inner-conductor foot. The inner-conductor plug parts are oriented in each case perpendicular to the coaxial connector parts, and have, at their free end, a press-fit contact head for a highly conductive connection to associated coaxial inner conductors of the coaxial connector parts.

IPC 1-7

H01R 17/12; H01R 23/68

IPC 8 full level

H01R 12/16 (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)

H01R 13/6585 (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); H01R 12/57 (2013.01 - EP US); H01R 2103/00 (2013.01 - EP US); Y10S 439/931 (2013.01 - EP US)

Citation (search report)

- [DAP] DE 19716139 C1 19980618 - SIEMENS AG [DE]
- [DA] EP 0555933 A1 19930818 - DU PONT [US]

Cited by

EP1255327A1; FR2824426A1; US7029324B2

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)

US 6132244 A 20001017; BR 9804028 A 19991123; CN 1215238 A 19990428; DE 19746637 C1 19990211; DE 59810655 D1 20040304; EP 0911912 A2 19990428; EP 0911912 A3 20000517; EP 0911912 B1 20040128; HU 9802459 D0 19981228; HU P9802459 A2 19990428; HU P9802459 A3 19990728; IL 126209 A0 19990509; JP H11204211 A 19990730; NO 984891 D0 19981020; NO 984891 L 19990423

DOCDB simple family (application)

US 17681698 A 19981022; BR 9804028 A 19981020; CN 98121539 A 19981022; DE 19746637 A 19971022; DE 59810655 T 19980825; EP 98116039 A 19980825; HU P9802459 A 19981021; IL 12620998 A 19980915; JP 30002598 A 19981021; NO 984891 A 19981020