

Title (en)
Multiple coaxial connector

Title (de)
Mehrfach-Koaxial-Steckverbinderteil

Title (fr)
Connecteur coaxial multiple

Publication
EP 0872913 B1 20020703 (DE)

Application
EP 98104833 A 19980317

Priority
DE 19716139 A 19970417

Abstract (en)
[origin: EP0872913A2] The unit consists of a coaxial plug module with coaxial plug connectors arranged in a multiple plug casing, and/or a coaxial socket module with coaxial socket connectors arranged in a multiple socket casing. The coaxial plug module and/or socket module (1) is fastened on a base, such as a printed circuit board, and is connected with its terminals to the associated connections at the underside of the base. The inner coaxial conductors (22) are inserted in, and electrically isolated from the respective outer coaxial conductors (21) integrated in the casing (3, 43) of the coaxial plug/socket module. The casing material of the coaxial plug/socket module consists of a metallized plastic, and comprises a number of support surfaces at its lower surface, formed of contact feet (5, 6) with SMD connections (7, 8), which serve both for the mounting of the casing, as well as for the electric connection of the SMD connections with the respective connections on the base. The contact feet are arranged at the edges of the periphery of the casing and on the same level as the SMD connections which project slightly from the floor (9) of the casing. The metallic layer deposition of the casing is divided between the metallic layer deposition of the contact feet and the SMD connections (8) for the inner conductors, and the remaining metallic layer deposition of the casing, into electrically separated layer areas for a galvanic separation.

IPC 1-7
H01R 9/05; **H01R 13/646**; **H01R 13/658**

IPC 8 full level
H01R 9/05 (2006.01); **H01R 13/514** (2006.01); **H01R 13/646** (2011.01); **H01R 13/648** (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP)
H01R 12/57 (2013.01); **H01R 12/716** (2013.01); **H01R 12/724** (2013.01); **H01R 13/514** (2013.01); **H01R 13/6599** (2013.01); **H01R 24/50** (2013.01); **H01R 2103/00** (2013.01)

Cited by
EP1317027A1; EP4099510A1

Designated contracting state (EPC)
AT BE DE FR GB IT SE

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EP 0872913 A2 19981021; **EP 0872913 A3 19990616**; **EP 0872913 B1 20020703**; AT E220250 T1 20020715; DE 19716139 C1 19980618; DE 59804626 D1 20020808; NO 981648 D0 19980408; NO 981648 L 19981019

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