

Title (en)

Multiconductor electrical connector without electromagnetic shielding between the conductors

Title (de)

Elektrischer Verbinder mit mehreren Leitern ohne elektromagnetische Abschirmung zwischen den Leitern

Title (fr)

Connecteur électrique multivoie sans barrière électromagnétique entre les voies

Publication

EP 0708503 B1 19970625 (FR)

Application

EP 95402323 A 19951018

Priority

FR 9412479 A 19941019

Abstract (en)

[origin: EP0708503A1] The multichannel electrical connector includes a coaxial connection for each channel. This comprises a central conductor (7) and an outer conducting sleeve (10). The conducting rods (7) are situated within a box (3, 12) which consists of an L-shaped base (3) and a cover (12). The conducting rods are right-angled elements each with a section directed downwards to stand perpendicular to the printed circuit board (9) and a horizontal section (8) extending into a connector (9). The cover (12) of the box provides two earth planes (13,14) in its large surfaces and these are closer to the conducting rods than the conducting rods are to each other.

IPC 1-7

H01R 23/68; **H01R 17/12**

IPC 8 full level

H01R 13/648 (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)

H01R 13/6585 (2013.01 - EP); **H01R 24/50** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0708503 A1 19960424; **EP 0708503 B1 19970625**; DE 69500379 D1 19970731; DE 69500379 T2 19980115; FI 111767 B 20030915; FI 954974 A0 19951018; FI 954974 A 19960420; FR 2726128 A1 19960426; FR 2726128 B1 19961227; JP H08203621 A 19960809; US 5679006 A 19971021

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