

Title (en)

ELECTRICAL CONNECTOR DEVICE WITH A REMOVABLE, MODULAR CAPACITIVE FILTER BOX

Publication

**EP 0091867 B1 19861105 (FR)**

Application

**EP 83400700 A 19830406**

Priority

FR 8206170 A 19820408

Abstract (en)

[origin: EP0091867A1] 1. Electrical connector device of the type comprising a first male or female part consisting of a metal body (10) of general cylindrical shape which radially houses a contact-carrier insulating block (12), with individual contact elements (11) firmly held inside the insulating block (12), these contact elements (11) having a male or female end (110) on the side where the second respectively male or female part of the connector comes, and this metal body receiving, opposite the Second part of the connector in relation to the first, an additional conductor ring (20), while there is provided at least one capacitive block (22) with multilayer ceramic dielectric and with metallized axial perforations (222) following the same geometry as the contact elements, this device also comprising an earth connection including the body (10) of the connector, characterized by the fact that : - the other end of the contact elements (113, 117) is arranged as a female socket ; the capacitive block (22) is housed in the additional conductor ring (20) ; - and that connecting pins (24) pass into the axial perforations in the capacitive block and are welded thereto, in order on the one hand to engage in said female sockets and on the other hand to define connecting pins (242) for the conductor wires arriving on the first part of the connector.

IPC 1-7

**H01R 13/66**

IPC 8 full level

**H01R 13/719** (2011.01)

CPC (source: EP)

**H01R 13/7195** (2013.01)

Cited by

FR2598260A1; EP0287349A1; EP0137116A3; US4773880A; FR2557382A2; FR2615665A1; US4820202A; US4937936A; EP0397900A1; DE3702931A1; WO2006076680A1

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