

Title (en)

SEPARATING LINK FOR THE CONNECTION OF TWO COAXIAL CABLES TERMINATED BY COAXIAL PLUG CONNECTORS

Publication

EP 0161486 B1 19891108 (DE)

Application

EP 85104346 A 19850410

Priority

DE 3414811 A 19840419

Abstract (en)

[origin: EP0161486A2] 1. Separating link for the connection of two coaxial cables terminated by coaxial plug connectors with galvanic separation of the interior conductors and the cable metal coats which possesses a potlike, electrically conductive exterior cartridge (10), an electrically conductive interior cartridge (13) which is arranged concentrically to it, a first end flange (14), a hollow-cylindrical exterior separating condenser, an insulating washer (16, 54) and an interior separating condenser, characterized by the fact that between the exterior cartridge (10) and the interior cartridge (13), with the end flange (14) which closes the open front side of the exterior cartridge (10), there are accommodated exterior separating condensers (20) with exterior covering (21) and interior covering (22), the exterior and interior coverings (21 and 22) of which are electrically conductive connected with the interior wall of the exterior cartridge (10) and with the exterior wall of the interior cartridge (13) by means of contact mats (18 and 19), that the bottom (11) of the exterior cartridge (10) is electrically separated from the turned-to front side of the interior cartridge (13) and the open front side of the exterior cartridge (10) is electrically separated from the end flange (14) of the interior cartridge (13) by means of circular insulating washers (16, 54), that the interior cartridge (13) possesses an internal thread (15) in the area of the end flange (14), into which a first coaxial plug connector (29) is screwed, the internal contact (31) of which is connected with a carrier plate (37) and with the one connection (42) of the interior separating condenser (41), that the other connection (43) of the interior separating condenser (41) is connected with a socket part (46) which is fixed at the other end of the carrier plate (37), that the bottom (11) of the exterior cartridge is furnished with a thread (12) into which a second coaxial plug connector (21) is screwed and that the internal contact (23) of the second coaxial plug connector (21) is inserted in the socket part (46) of the carrier plate.

IPC 1-7

H01R 17/12

IPC 8 full level

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CPC (source: EP)

H01R 24/42 (2013.01); **H01R 2103/00** (2013.01)

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