

Title (en)

Electrostatic discharge protection for a coaxial connector

Title (de)

Schutz gegen elektrostatische Entladungen in einem koaxialen Verbinder

Title (fr)

Protection contre les décharges électrostatiques pour un connecteur coaxial

Publication

**EP 1041680 B1 20071128 (EN)**

Application

**EP 00106233 A 20000322**

Priority

- EP 00106233 A 20000322
- EP 99106470 A 19990330

Abstract (en)

[origin: EP1041680A2] A coaxial connector (2) for mating with a complementary connector (8), the coaxial connector (2) having an insulative housing with a passageway therethrough an inner contact (26) positioned in the passageway and being resiliently biased (62) and moveable along the longitudinal axis, the inner contact (26) has a mating end (56) and a connecting end (64) opposite thereto with a shoulder (36) therebetween; an outer contact (14) mounted to the housing and generally concentric to the inner contact (26), the outer contact (18) having a grounding contact for connection to a ground and a coupling end (14) for mating with the complementary connector (8), the coupling end including a fixing surface therealong; and, an electrostatic discharge protection member (28) in contact with the fixing surface and located relative the inner contact (26) such that prior to mating with the complementary connector (8), the shoulder (36) contacts the electrostatic discharge protection (28) member and upon mating with the complementary connector (8), the inner contact (26) is displaced such that the shoulder (36) is moved out of contact with the electrostatic discharge protection member (28). <IMAGE>

IPC 8 full level

**H01R 13/648** (2006.01); **H01R 13/646** (2011.01); **H01R 13/703** (2006.01)

CPC (source: EP)

**H01R 13/6485** (2013.01); **H01R 24/46** (2013.01); **H01R 13/7032** (2013.01); **H01R 2103/00** (2013.01)

Cited by

CN109361122A; US2016069930A1; CN105430857A; US9819126B2; EP1187267A3; EP2879246A4; EP1372226A1; FR2841038A1; CN100342584C; US6712628B2; US9543717B2

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