

Title (en)
Device for electrical connection

Title (de)
Vorrichtung zum elektrischen Verbinden

Title (fr)
Dispositif pour connexion électrique

Publication
EP 0741436 A1 19961106 (DE)

Application
EP 95810793 A 19951213

Priority
CH 124895 A 19950502

Abstract (en)
The connector device connects a hollow conductor (5) of a coaxial cable (1) with a conductor (14) of a coaxial connector. The device has a bellows type intermediate piece (25). This is in sprung connection with the conductor (5) of the coaxial cable (1) or with the conductor (14) of the coaxial connector (6). The bellows member (25) may be shortened by buckling and is connected at one end with the conductor. The bellows member is preferably spring biased in its compressed position. A contact part may be inserted in the hollow space of the coaxial cable inner conductor. The intermediate member is electrically connected to this contact part and seals it. The contact part may be fixedly connected to the inner conductor by an expanding member. The inner conductor may be fixedly connected to the intermediate bellows member.

Abstract (de)
Die Vorrichtung dient zum elektrischen Verbinden eines Endes eines Leiters (5) eines Koaxialkabels (1) mit einem Leiter (14) eines Koaxialverbinders. Ein balgartiges Zwischenstück (25) liegt an seinem einen Ende stirnseitig und federnd am Leiter (5) des Koaxialkabels (1) und an seinem anderen Ende am Leiter (14) des Koaxialverbinders (6) an. Das Zwischenstück verhindert, dass Temperaturänderungen und mechanische Einwirkungen die Stabilität der Verbindung beeinträchtigen. <IMAGE>

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H01R 17/12

IPC 8 full level
H01R 13/646 (2011.01)

CPC (source: EP US)
H01R 24/564 (2013.01 - EP US); **H01R 24/566** (2013.01 - EP); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)
• [XA] FR 1593189 A 19700525
• [XA] GB 864910 A 19610412 - GRAVINER MANUFACTURING CO, et al
• [XA] US 3106599 A 19631008 - LEITNER ROBERT T, et al

Cited by
JP2010531527A; JP2010531526A; EP0869586A1; EP0938165A1; US6102737A; US8231398B2; WO2009000385A3

Designated contracting state (EPC)
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EP 0741436 A1 19961106; CA 2171139 A1 19961103; CN 1139302 A 19970101; US 5722856 A 19980303

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EP 95810793 A 19951213; CA 2171139 A 19960306; CN 96105081 A 19960422; US 59052196 A 19960124