

Title (en)
Connector assembly especially for mobile telephone

Title (de)
SteckverbindungsVorrichtung, insbesondere für ein Mobiltelefon

Title (fr)
Assemblage de connecteur, notamment pour un téléphone mobile

Publication
EP 0617487 B1 19961106 (DE)

Application
EP 94102857 A 19940225

Priority
DE 4309155 A 19930322

Abstract (en)
[origin: EP0617487A1] A plug connecting device, especially for a mobile telephone, has a cable plug (2) and an apparatus plug (1). The cable plug (2) is provided with a web (9) which engages in a housing receptacle (12) in the apparatus plug (1) when the two plugs (1 and 2) are joined together. A contact receptacle (14) in the form of a sleeve is connected to the web (9) and, in particular, is produced integrally. It is used for the connection of a coaxial cable (7a). Located on the apparatus plug (1) in a corresponding assignment is a contact receptacle (13), in the form of a sleeve, for a coax contact (6) on a coaxial cable (7). Thus, when the plugs (2) are joined together, not only are the contact elements (4) of the apparatus plug (1) and the contact elements (8) of the cable plug (2) electrically connected to one another, but the two coax contacts (6 and 11) and thus the coaxial cables (7 and 7a) as well. In addition, the contact receptacles (13 and 14) which are in the form of sleeves and are in each case integrally formed on the housing carry out a centring function which ensures that the plugs (1 and 2) are joined together more easily and securely. <IMAGE>

IPC 1-7
H01R 23/68; **H01R 17/12**

IPC 8 full level
H01R 12/16 (2006.01); **H01R 13/646** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP US)
H01R 24/50 (2013.01 - EP US); **H01R 12/716** (2013.01 - EP); **H01R 13/631** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/16** (2013.01 - EP)

Cited by
US5718592A; US5871371A; GB2305027A; GB2305027B; US6139364A; CN1097406C; WO9718603A1; WO9827626A1

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