

Title (en)  
Plug and receptacle connectors.

Title (de)  
Steck- und Buchsenverbinder.

Title (fr)  
Connecteurs à fiche et douille.

Publication  
**EP 0006343 A1 19800109 (EN)**

Application  
**EP 79301118 A 19790612**

Priority  
GB 7826961 A 19780614

Abstract (en)  
A coaxial plug connector for use as an insert in a first connector housing comprises a first generally cylindrical outer shell (12), a socket (14) centered on the axis of the shell and a sleeve of electrically insulating material between the socket and the shell. The forward end of the insulating sleeve projects beyond the forward end of the socket and has peripheral regions defining a first male frustoconical or other convex face (20), it is used in combination with a coaxial receptacle connector for use as an insert in a second connector housing and has a second generally cylindrical outer shell (36) dimensioned to mate with the first outer shell, a contact pin (38) centered on the axis of the second shell and an insulating sleeve (30) whose forward end is recessed behind the forward end of the contact pin and has regions (44, 46) defining complementary frustoconical faces to those at the forward end of the plug connector. In use the convex face of the plug connector assists in eliminating misalignment between the plug and receptacle during mating of the first and second connector housings.

IPC 1-7  
**H01R 17/12**

IPC 8 full level  
**H01R 13/646** (2011.01); **H01R 13/631** (2006.01)

CPC (source: EP)  
**H01R 24/40** (2013.01); **H01R 13/631** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  

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