

Title (en)

Socket, connecting device, installation system, data cable manufacturing process and data cable

Title (de)

Steckbuchse, Anschlussvorrichtung, Installationssysteme, Verfahren zur Herstellung eines Datenübertragungskabels und Datenübertragungskabel

Title (fr)

Douille, dispositif de connexion, système d'installation, procédé de fabrication d'un câble de transmission de données et câble de transmission de données

Publication

**EP 1107364 A3 20031001 (DE)**

Application

**EP 00126094 A 20001129**

Priority

DE 19957545 A 19991130

Abstract (en)

[origin: EP1107364A2] The plug socket has connecting sockets into which the conductor end freed from material in which the conductor is embedded can be inserted directly or with connecting pins. The socket has a cable screening continuation. The distance of the connecting sockets from each other and from the screen continuation is selected so the impedance of the cable near the plug socket is essentially equal to that of the conductor in the transmission element. Independent claims are also included for the following: a connector for at least one data communications cable transmission element, an installation system, a method of manufacturing a data communications cable and a data communications cable.

IPC 1-7

**H01R 12/10**; **H01R 12/08**

IPC 8 full level

**H01B 11/04** (2006.01); **H01R 12/10** (2006.01); **H01R 13/50** (2006.01); **H01R 13/658** (2006.01); **H01R 24/00** (2006.01)

CPC (source: EP)

**H01R 4/2433** (2013.01); **H01R 12/594** (2013.01); **H01R 12/78** (2013.01); **H01R 13/6592** (2013.01)

Citation (search report)

- [XA] US 5888091 A 19990330 - MCQUILKIN MURR KEITH [US]
- [AD] EP 0828259 A2 19980311 - DAETWYLER AG KABEL & SYSTEME [CH]
- [XA] US 5006286 A 19910409 - DERY RONALD A [US], et al

Cited by

FR2832554A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1107364 A2 20010613**; **EP 1107364 A3 20031001**; DE 19957545 A1 20010906; DE 19957545 C2 20011213

DOCDB simple family (application)

**EP 00126094 A 20001129**; DE 19957545 A 19991130