

Title (en)

PLUG CONNECTOR WITH ADDITIONAL CONTACT DEVICE IN PARTICULAR FOR DATA TRANSFER

Title (de)

STECKVERBINDUNG MIT ZUSÄTZLICHER KONTAKTEINRICHTUNG, INSBESONDERE ZUR DATENÜBERTRAGUNG

Title (fr)

CONNEXION PAR ENFICHAGE POURVUE D'UN DISPOSITIF DE CONTACT SUPPLEMENTAIRE, NOTAMMENT POUR LA TRANSMISSION DE DONNEES

Publication

EP 1523790 A1 20050420 (DE)

Application

EP 03704255 A 20030127

Priority

- DE 0300214 W 20030127
- DE 20207091 U 20020504

Abstract (en)

[origin: WO03094299A1] The invention relates to a plug connector, comprising a plug and a mating connector, whereby plug and mating connector each comprise a housing in which contact elements to create the electrical plug connection and to conduct high currents and voltages are arranged and guide elements are arranged on the housing for exact guiding of the plug. According to the invention, the guide elements are embodied as electrical contact elements (9, 10), said electrical contact elements (9, 10) being used for example for transmission of data streams as currents in the low voltage range.

IPC 1-7

H01R 13/642; **H01R 13/645**

IPC 8 full level

H01R 13/64 (2006.01); **H01R 13/642** (2006.01); **H01R 13/645** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP KR US)

H01R 13/642 (2013.01 - EP KR US); **H01R 13/645** (2013.01 - KR); **H01R 13/6456** (2013.01 - EP US); **H01R 13/53** (2013.01 - EP US)

Citation (search report)

See references of WO 03094299A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 20207091 U1 20030918; EP 1523790 A1 20050420; EP 1523790 B1 20120926; JP 2005524939 A 20050818; KR 100978579 B1 20100827; KR 20040103908 A 20041209; US 2004235333 A1 20041125; US 7267582 B2 20070911; WO 03094299 A1 20031113

DOCDB simple family (application)

DE 20207091 U 20020504; DE 0300214 W 20030127; EP 03704255 A 20030127; JP 2004502417 A 20030127; KR 20047009347 A 20030127; US 48302104 A 20040622