

Title (en)

Electrical connector

Title (de)

Elektrischer Steckverbinder

Title (fr)

Connecteur électrique

Publication

EP 1172891 B1 20031015 (DE)

Application

EP 01115888 A 20010629

Priority

DE 10034501 A 20000715

Abstract (en)

[origin: DE10034501C1] The angled plug connector has an insulating contact bearer with contact channels and a grip body fixed to it with channels for inserting insulated braids of a connecting cable that cross the contact channels obliquely. The contact channels contain contacts with end points for penetrating braids movable into contact positions in which the penetration points are in the braids in the braid channels. The angled plug connector (10) has a contact bearer (11) prefabricated from insulating material with individual contact (16) channels (17) formed in it and a grip body (13) fixed to the contact bearer. The grip body is a one-piece component of the contact bearer and has channels (27) for inserting insulated braids (14) of a connecting cable (15) that cross the contact channels obliquely. The contact channels contain contacts (16) with end points (31) for penetrating braids movable into contact positions in which the penetration points are in the braids in the braid channels.

IPC 1-7

H01R 4/26; **H01R 13/622**; **H01R 4/24**; **H01R 13/504**

IPC 8 full level

H01R 13/40 (2006.01); **H01R 4/24** (2006.01); **H01R 4/26** (2006.01); **H01R 13/405** (2006.01); **H01R 13/504** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP US)

H01R 4/2406 (2017.12 - EP US); **H01R 4/26** (2013.01 - US); **H01R 13/504** (2013.01 - EP US); **H01R 13/622** (2013.01 - EP US)

Cited by

KR101470280B1

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

DE 10034501 C1 20011129; EP 1172891 A2 20020116; EP 1172891 A3 20030122; EP 1172891 B1 20031015; JP 2002075503 A 20020315; US 2002019164 A1 20020214

DOCDB simple family (application)

DE 10034501 A 20000715; EP 01115888 A 20010629; JP 2001241402 A 20010705; US 90444301 A 20010712