

Title (en)

Connector for data transmission via electrical wires

Title (de)

Steckverbinder für die Datenübertragung über elektrische Leiter

Title (fr)

Connecteur pour la transmission de données par des fils électriques

Publication

EP 1693934 B1 20200819 (DE)

Application

EP 06405067 A 20060214

Priority

- EP 05405196 A 20050217
- EP 06405067 A 20060214

Abstract (en)

[origin: EP1693933A1] The part (1) has a connection contact unit held by a connection housing, where each unit has an insulation displacement contact or a piercing contact for contacting electrical conductor. Each insulation displacement/piercing contact is electrically connectable to corresponding contacts of a corresponding counter piece. The housing has two housing parts which has the unit introduced from interior of the housing. An independent claim is also included for a method for manufacturing a plug-and-socket connection part of a plug-and-socket connection for data communication.

IPC 8 full level

H01R 13/6464 (2011.01); **H01R 24/58** (2011.01); **H01R 4/2429** (2018.01); **H01R 13/405** (2006.01); **H01R 13/6477** (2011.01); **H01R 24/64** (2011.01)

CPC (source: EP US)

H01R 4/2429 (2013.01 - EP US); **H01R 13/6464** (2013.01 - EP US); **H01R 13/405** (2013.01 - EP US); **H01R 13/6477** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US); **Y10S 439/941** (2013.01 - EP US)

Citation (examination)

US 6413121 B1 20020702 - HYLAND JAMES [US]

Cited by

DE102013224042A1; DE102007008465A1; DE102007008465B4; GB2468233A; GB2468233B; EP2375501A1; DE102010014295A1; US8851919B2; US8573999B2; US7559790B2; US10033118B2; US7857635B2; WO2010030563A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1693933 A1 20060823; AT E553519 T1 20120415; CN 101901981 A 20101201; CN 101901981 B 20120418; CN 1835300 A 20060920; CN 1835300 B 20100609; DK 1883137 T3 20120521; EP 1693934 A1 20060823; EP 1693934 B1 20200819; EP 1883137 A2 20080130; EP 1883137 A3 20080305; EP 1883137 B1 20120411; EP 2672576 A2 20131211; EP 2672576 A3 20140115; EP 2672576 B1 20160518; ES 2380945 T3 20120521; JP 2006228735 A 20060831; PL 1883137 T3 20120928; SG 125219 A1 20060929; UA 88770 C2 20091125; US 2006183359 A1 20060817; US 2008057793 A1 20080306; US 7249979 B2 20070731; US 7540789 B2 20090602

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EP 05405196 A 20050217; AT 07021382 T 20060214; CN 200610009055 A 20060217; CN 201010149194 A 20060217; DK 07021382 T 20060214; EP 06405067 A 20060214; EP 07021382 A 20060214; EP 13182977 A 20060214; ES 07021382 T 20060214; JP 2006039217 A 20060216; PL 07021382 T 20060214; SG 200601062 A 20060217; UA A200601698 A 20060217; US 35430906 A 20060214; US 82866207 A 20070726