

Title (en)

Heavy duty connection device for data cable, more especially RJ-45-connector

Title (de)

Belastbare Steckeranordnung für Datenkabel, insbesondere RJ-45-Verbinder

Title (fr)

Dispositif de connection à forte contrainte pour cable de données, plus particulièrement connecteur RJ-45

Publication

EP 1317025 A3 20060405 (DE)

Application

EP 02026512 A 20021127

Priority

US 1208201 A 20011129

Abstract (en)

[origin: EP1317025A2] A transverse septum of a cylindrical carrier housing with threads, receives and positions a RJ-45 connector (12) at a predetermined location within the housing. A tapered boot (26) radially compresses a chuck (18), to move the connector to a preset location and for gripping a cable (14). When threaded bushing (34) is tightened onto the housing in a threaded joint, the boot is urged towards the housing to form an assembly.

IPC 8 full level

H01R 13/533 (2006.01); **H01R 13/516** (2006.01); **H01R 13/59** (2006.01); **H01R 13/56** (2006.01)

CPC (source: EP US)

H01R 13/516 (2013.01 - EP US); **H01R 13/533** (2013.01 - US); **H01R 13/59** (2013.01 - EP US); **H01R 13/562** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US)

Citation (search report)

- [XA] US 5567174 A 19961022 - ERICSON JR JOHN E [US], et al
- [A] US 4703989 A 19871103 - PRICE JAMES R [US], et al
- [A] WO 9639731 A1 19961212 - BAXTER INT [US]
- [A] US 5564951 A 19961015 - ATTAL LUCIEN [US], et al
- [A] US 5378882 A 19950103 - GONG FRANK [US], et al

Cited by

AU2019248403B2; EP2495825A1; EP2081066A1; FR2906089A1; EP2731204A1; EP1953875A1; EP3280008A1; DE202011002160U1; US11515661B2; WO2019192753A1; US9671567B2; EP3709461A1; DE102019106140A1; WO2012119587A3; WO2008034961A1; WO2014183821A1; US9401565B2; DE102020123079A1; EP1912085A1; US9160099B2; WO2022096190A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1317025 A2 20030604; **EP 1317025 A3 20060405**; **EP 1317025 B1 20080305**; AT E388507 T1 20080315; CN 1253974 C 20060426; CN 1433111 A 20030730; DE 50211823 D1 20080417; ES 2302780 T3 20080801; HK 1055019 A1 20031219; US 2003100215 A1 20030529; US 6582248 B2 20030624

DOCDB simple family (application)

EP 02026512 A 20021127; AT 02026512 T 20021127; CN 02152420 A 20021127; DE 50211823 T 20021127; ES 02026512 T 20021127; HK 03107155 A 20031003; US 1208201 A 20011129