

Title (en)

Electrical connector and method of connecting twisted pair cable to the electrical connector

Title (de)

Elektrischer Anschluss und Verfahren zum Verbinden eines Kabels mit verdrehten Adernpaaren an einen elektrischen Anschluss

Title (fr)

Connecteur électrique et procédé de connexion de câble à paire torsadée au connecteur électrique

Publication

EP 2395606 B1 20170510 (EN)

Application

EP 11004663 A 20110608

Priority

- JP 2010131282 A 20100608
- JP 2010220633 A 20100930

Abstract (en)

[origin: EP2395606A1] An electrical connector (1) includes a connector main body (2) made of an insulating material for attaching an end portion of a pair of single wires (102) untwisted at an end portion of a twisted pair cable (101); and a shell member (3) to hold the untwisted portion (106). The shell member (3) includes a base portion (4) made of a conductive material to dispose the connector main body (2) at the front end side and the untwisted portion (106) at the basal end side; a cable holding portion (7,75) made of a conductive material to hold the single wires (102) at the untwisted portion (106) for positioning the single wires (102) parallel to each other and close or contact to each other; and a cover portion (8) provided on the base portion (4) to have at least the untwisted portion (106) and the cable holding portion (7,75) between the cover portion (8) and base portion (4).

IPC 8 full level

H01R 9/03 (2006.01); **H01R 13/6463** (2011.01); **H01R 13/6473** (2011.01); **H01R 13/6593** (2011.01); **H01R 107/00** (2006.01)

CPC (source: EP)

H01R 13/6473 (2013.01); **H01R 13/65915** (2020.08); **H01R 13/6593** (2013.01); **H01R 13/6463** (2013.01); **H01R 13/65917** (2020.08); **H01R 2107/00** (2013.01)

Cited by

US11489294B2; DE112016003788B4; WO2020014485A1; US10790619B2; US11394156B2; EP2942841A3; EP3273542A1; US2018026401A1; EP3324491A1; US10033140B2; EP3591767A1; EP3621158A1; EP3859905A1

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