

Title (en)

Connector for quick connection in collet attachment technologie

Title (de)

Schnellanschliessbare Steckverbindung in Spannzangentechnik

Title (fr)

Connecteur pour un branchement rapide à technique de pince de serrage

Publication

EP 1467441 A3 20050831 (DE)

Application

EP 03028723 A 20031212

Priority

- DE 10302712 A 20030123
- DE 10323616 A 20030526

Abstract (en)

[origin: US2004224552A1] A connector has a front insulating body, a contact fixed in the main body and having rear-end parts forming an axially open seat adapted to receive a conductor of a stripped wire and radially displaceable toward each other, and structure radially compressing the parts toward each other to grip the conductor. This structure is an intermediate body formed with an axially tapered passage fitting over the rear-end parts and axially displaceable to displace the rear-end parts radially toward one another.

IPC 1-7

H01R 13/58

IPC 8 full level

H01R 4/50 (2006.01); **H01R 13/506** (2006.01); **H01R 13/658** (2011.01); **H01R 13/52** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

H01R 4/5066 (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US); **H01R 13/65917** (2020.08 - EP US); **H01R 4/48** (2013.01 - EP); **H01R 13/5202** (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US); **H01R 13/5816** (2013.01 - EP US)

Citation (search report)

- [XY] US 5011440 A 19910430 - LEE CHUN-TE [TW]
- [Y] US 6394838 B1 20020528 - YEN MICHAEL [TW]
- [Y] US 5091606 A 19920225 - BALSELLS PETER J [US]

Cited by

DE102022110817A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2004224552 A1 20041111; EP 1467441 A2 20041013; EP 1467441 A3 20050831

DOCDB simple family (application)

US 76305504 A 20040122; EP 03028723 A 20031212