

Title (en)

ELECTRICAL CONNECTOR FOR A MULTI-CORE ELECTRIC CABLE

Title (de)

ELEKTRISCHER STECKVERBINDER FÜR EIN MEHRADRIGES ELEKTRISCHES KABEL

Title (fr)

CONNECTEUR ÉLECTRIQUE POUR UN CÂBLE ÉLECTRIQUE MULTI-FILS

Publication

**EP 3327869 B1 20190109 (DE)**

Application

**EP 16205445 A 20161220**

Priority

- EP 16200230 A 20161123
- EP 16200232 A 20161123
- EP 16200233 A 20161123

Abstract (en)

[origin: US2018145431A1] An electrical connector for a multi-wire electrical cable includes at least two cable-side electrical contact elements including associated electrical terminals to each of which is to be connected a wire of the electrical cable. At least two output-side electrical contact elements, from each of which projects an electrical connector element by which an electrical connection can be established to a mating connector. An electrically conductive carrier body is disposed between the cable-side contact elements and the output-side contact elements. The electrically conductive carrier body carries an electrical device by which the cable-side contact elements and the output-side contact elements are electrically connected to each other. The electrical device is supported by the carrier body without any of the cable-side contact elements or the output-side contact elements being in electrical contact with the carrier body through the electrical device.

IPC 8 full level

**H01R 9/03** (2006.01); **H01R 13/6592** (2011.01); **H01R 13/719** (2011.01); **H01R 4/18** (2006.01); **H01R 13/52** (2006.01); **H01R 24/30** (2011.01)

CPC (source: CN EP US)

**H01R 9/031** (2013.01 - CN); **H01R 9/053** (2013.01 - US); **H01R 9/22** (2013.01 - CN); **H01R 13/52** (2013.01 - US); **H01R 13/6589** (2013.01 - US); **H01R 13/65912** (2020.08 - EP US); **H01R 13/6592** (2013.01 - EP US); **H01R 13/719** (2013.01 - EP US); **H01R 4/183** (2013.01 - EP US); **H01R 13/506** (2013.01 - US); **H01R 13/6471** (2013.01 - US); **H01R 24/30** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3327869 A1 20180530**; **EP 3327869 B1 20190109**; CN 108092016 A 20180529; CN 108092016 B 20201013; DE 102016225642 A1 20180524; MX 2017015022 A 20181004; MX 371110 B 20200117; US 10361495 B2 20190723; US 2018145431 A1 20180524

DOCDB simple family (application)

**EP 16205445 A 20161220**; CN 201711075122 A 20171103; DE 102016225642 A 20161220; MX 2017015022 A 20171123; US 201715802475 A 20171103