

Title (en)
ELECTRICAL CONNECTOR FOR A MULTI-CORE ELECTRIC CABLE

Title (de)
ELEKTRISCHER STECKVERBINDER FÜR EIN MEHRADRIGES ELEKTRISCHES KABEL

Title (fr)
CONNECTEUR ENFICHABLE ÉLECTRIQUE POUR UN CÂBLE ÉLECTRIQUE MULTI-FILS

Publication
EP 3595101 B1 20220824 (DE)

Application
EP 19193801 A 20161123

Priority

- EP 19193801 A 20161123
- EP 16200233 A 20161123

Abstract (en)
[origin: US2018145465A1] An electrical connector for a multi-wire electrical cable includes two cable-side electrical contact elements, including associated terminals to each of which is to be connected a wire of the electrical cable, as well as 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. A carrier body is disposed between the cable-side contact elements and the output-side contact elements. The carrier body forms a support region which extends from a first connecting section to a second connecting section and with which both the cable-side and the output-side contact elements are in connection. At each of the two connecting sections, a respective supporting section of the carrier body extends from the support region in such a way that the support region and the two supporting sections form a ring-shaped circumferential structure.

IPC 8 full level
H01R 13/6592 (2011.01); **H01R 4/20** (2006.01); **H01R 13/58** (2006.01); **H01R 13/66** (2006.01); **H01R 13/719** (2011.01); **H01R 13/7193** (2011.01); **H01R 24/30** (2011.01); **H01R 13/52** (2006.01)

CPC (source: CN EP US)
H01R 4/20 (2013.01 - EP); **H01R 13/02** (2013.01 - CN); **H01R 13/40** (2013.01 - CN); **H01R 13/415** (2013.01 - US); **H01R 13/5808** (2013.01 - EP); **H01R 13/648** (2013.01 - US); **H01R 13/6592** (2013.01 - EP US); **H01R 13/6608** (2013.01 - EP US); **H01R 13/719** (2013.01 - US); **H01R 13/7193** (2013.01 - EP); **H01R 24/28** (2013.01 - US); **H01R 24/30** (2013.01 - EP US); **H01R 43/20** (2013.01 - US); **H01R 13/5202** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (examination)
JP H0357176 A 19910312 - MOJI & CO LTD

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 3327875 A1 20180530; **EP 3327875 B1 20191009**; CN 108092027 A 20180529; CN 108092027 B 20201215; DE 102017217079 A1 20180524; EP 3595101 A1 20200115; EP 3595101 B1 20220824; HU E047843 T2 20200528; HU E060311 T2 20230228; MX 2017015019 A 20181004; US 10468836 B2 20191105; US 11171456 B2 20211109; US 2018145465 A1 20180524; US 2020006903 A1 20200102

DOCDB simple family (application)
EP 16200233 A 20161123; CN 201711075121 A 20171103; DE 102017217079 A 20170926; EP 19193801 A 20161123; HU E16200233 A 20161123; HU E19193801 A 20161123; MX 2017015019 A 20171123; US 201715803888 A 20171106; US 201916568319 A 20190912