

Title (en)
CONNECTOR WITH MULTICORE CABLE

Title (de)
VERBINDER MIT MEHRADRIGEM KABEL

Title (fr)
CONNECTEUR AVEC CABLE MULTI-BRINS

Publication
EP 3211723 B1 20180627 (DE)

Application
EP 16156814 A 20160223

Priority
EP 16156814 A 20160223

Abstract (en)
[origin: US2017244186A1] A cable includes a line and a coupling housing. The line includes a plurality of cores and a sheath. The sheath is radially outwardly disposed relative to the cores. Each of the cores has a conductor and an insulation surrounding the conductor. Each of the conductors is stripped of the insulation at an end of the cores. A coupling housing including a coupling ring, a pin housing, and a sealing element. The coupling ring embraces the pin housing and the sheath and is fixed to the sheath. The pin housing surrounds the stripped ends of the conductors. The sealing element is disposed between the coupling ring and the pin housing. The conductors are formed of a solid and coated steel wire and the stripped ends of the conductors are useable as pin contacts.

IPC 8 full level
H01R 13/506 (2006.01); **H01R 13/02** (2006.01); **H01R 13/52** (2006.01); **H01R 24/28** (2011.01); **H01R 13/627** (2006.01); **H01R 103/00** (2006.01)

CPC (source: CN EP US)
H01B 1/02 (2013.01 - US); **H01R 13/025** (2013.01 - CN EP US); **H01R 13/502** (2013.01 - CN); **H01R 13/506** (2013.01 - EP US); **H01R 13/5202** (2013.01 - US); **H01R 13/5205** (2013.01 - US); **H01R 13/521** (2013.01 - US); **H01R 13/5219** (2013.01 - CN EP US); **H01R 24/28** (2013.01 - EP US); **H01R 13/6275** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/26** (2013.01 - CN EP US); **Y10S 439/93** (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 3211723 A1 20170830; EP 3211723 B1 20180627; CN 107104304 A 20170829; CN 107104304 B 20190903; DE 102016224257 A1 20170824; MX 2016017252 A 20180619; MX 368264 B 20190926; US 2017244186 A1 20170824; US 9917388 B2 20180313

DOCDB simple family (application)
EP 16156814 A 20160223; CN 201611216626 A 20161226; DE 102016224257 A 20161206; MX 2016017252 A 20161220; US 201715435334 A 20170217