

Title (en)
MULTI-CABLE SOCKET CONNECTOR

Title (de)
MEHRKABEL-STECKVERBINDER

Title (fr)
CONNECTEUR DE PRISE MULTI-CÂBLES

Publication
EP 2997626 B1 20190724 (EN)

Application
EP 14885063 A 20140731

Priority
CN 2014083419 W 20140731

Abstract (en)
[origin: WO2016015280A1] A multi-cable socket connector is for connecting multi-cable (42) to a terminal (50) of a device, which comprises: a conducting portion (20), which comprises a first conductive part (23) and a second conductive part (24); the first conductive part (23), configured to have a plurality of holes (25) which are electrically connected to a plurality of mating terminals (40) of the cables (42), each mating terminal (40) of the cable (42) respectively passing through the corresponding hole (25); the second conductive part (24), configured to electrically connect to the terminal of the device; a mounting assembly, configured to house and fix the conducting portion (20) and the mating terminals (40) of the cables (42), which comprises a cover (10) and a bushing (30). It improves the usability, security and reliability of the multi-cable connector.

IPC 8 full level
H01R 4/30 (2006.01); **H01R 13/447** (2006.01); **H01R 13/50** (2006.01); **H01R 4/26** (2006.01); **H01R 11/26** (2006.01); **H01R 101/00** (2006.01)

CPC (source: EP)
H01R 4/308 (2013.01); **H01R 13/447** (2013.01); **H01R 13/501** (2013.01); **H01R 4/26** (2013.01); **H01R 11/26** (2013.01); **H01R 2101/00** (2013.01)

Citation (examination)
• EP 2415128 A1 20120208 - TYCO ELECTRONICS LTD UK [GB]
• WO 2013051528 A1 20130411 - AUTONETWORKS TECHNOLOGIES LTD [JP], et al

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)
WO 2016015280 A1 20160204; CN 104981950 A 20151014; CN 104981950 B 20171024; EP 2997626 A1 20160323; EP 2997626 A4 20161116; EP 2997626 B1 20190724; PL 2997626 T3 20200228

DOCDB simple family (application)
CN 2014083419 W 20140731; CN 201480006155 A 20140731; EP 14885063 A 20140731; PL 14885063 T 20140731