

Title (en)
CABLE CONNECTION COMPONENT

Title (de)
KABELANSCHLUSSBAUTEIL

Title (fr)
ÉLÉMENT DE RACCORDEMENT DE CÂBLE

Publication
EP 2735058 A1 20140528 (DE)

Application
EP 12756647 A 20120711

Priority
• DE 102011108123 A 20110721
• EP 2012002915 W 20120711

Abstract (en)
[origin: WO2013010648A1] The invention illustrates and describes a cable connection component for electrically conductively connecting a cable, having a union nut (3) which has an internal thread (2), and having a core receiving and guiding part (5) which has a plurality of incisions (4), wherein the cable has at least one core and the core insulation of the core ends which are inserted into the core receiving and guiding part (5) is severed by insulation-displacement terminals (10), which are arranged in the connection body (7) and enter the incisions (4) in the core receiving and guiding part (5), and contact is made with the conductors of the cores when the union nut (3) is screwed onto a connection body (7), which is provided with an external thread (6) which corresponds to the internal thread (2). In the cable connection component, a cable, once connected, can be released again with less effort by the union nut (3) having a second internal thread (11), wherein the thread pitch g1 of the first internal thread (2) is larger than the thread pitch g2 of the second internal thread (11), and by the core receiving and guiding part (5) having a radially running collar (12) which is matched in respect of its shape to the profile of the thread turn of the second internal thread (11) and interacts with said second internal thread.

IPC 8 full level
H01R 4/24 (2006.01); **H01R 13/512** (2006.01); **H01R 13/59** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP US)
H01R 4/2433 (2013.01 - EP US); **H01R 13/512** (2013.01 - EP US); **H01R 13/59** (2013.01 - EP US); **H01R 13/622** (2013.01 - US)

Citation (search report)
See references of WO 2013010648A1

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)
DE 102011108123 A1 20130124; **DE 102011108123 B4 20130228**; CN 103688412 A 20140326; CN 103688412 B 20160224; EP 2735058 A1 20140528; EP 2735058 B1 20150701; JP 2014523625 A 20140911; JP 5680256 B2 20150304; US 2014179149 A1 20140626; US 9172179 B2 20151027; WO 2013010648 A1 20130124

DOCDB simple family (application)
DE 102011108123 A 20110721; CN 201280036177 A 20120711; EP 12756647 A 20120711; EP 2012002915 W 20120711; JP 2014520560 A 20120711; US 201214233917 A 20120711