

Title (en)

PLUG CONNECTOR COMPRISING INSULATION DISPLACEMENT TERMINALS AND A CAPTIVE INSULATING BODY

Title (de)

STECKVERBINDER MIT SCHNEIDKLEMMEN UND EINEM UNVERLIERBAREN ISOLIERKÖRPER

Title (fr)

CONNECTEUR DOTÉ DE PINCES COUPANTES ET D'UN CORPS ISOLANT IMPERDABLE

Publication

EP 2599164 B1 20161005 (DE)

Application

EP 11760986 A 20110530

Priority

- DE 202010010754 U 20100728
- DE 2011075124 W 20110530

Abstract (en)

[origin: WO2012022313A1] An insulating body (3) is captively secured on the housing (1) for a plug connector (1) comprising insulation displacement terminals (23). The insulating body (3) is held on guiding means of the housing in a rotatable manner and in an insertable manner into the housing via an opening. The guiding means can be formed as slits (22, 22') that lie in lateral parts (21, 21') of the housing. The lateral parts project beyond the housing. Electric conductors can be inserted into the insulating body on a rear surface, plugged through said body, and cut on a front surface. The electric conductors are thus brought to the intended length before the insulating body is inserted into the housing.

IPC 8 full level

H01R 4/24 (2006.01); **H01R 13/502** (2006.01)

CPC (source: EP KR US)

H01R 4/24 (2013.01 - US); **H01R 4/2433** (2013.01 - EP US); **H01R 13/04** (2013.01 - KR); **H01R 13/502** (2013.01 - KR); **H01R 13/502** (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)

DE 202010010754 U1 20101021; CN 103262347 A 20130821; CN 103262347 B 20170412; EP 2599164 A1 20130605; EP 2599164 B1 20161005; JP 2013535776 A 20130912; JP 5693720 B2 20150401; KR 20130045372 A 20130503; US 2013273769 A1 20131017; US 8851919 B2 20141007; WO 2012022313 A1 20120223

DOCDB simple family (application)

DE 202010010754 U 20100728; CN 201180036756 A 20110530; DE 2011075124 W 20110530; EP 11760986 A 20110530; JP 2013520972 A 20110530; KR 20137005126 A 20110530; US 201113699588 A 20110530