

Title (en)

A CONNECTOR FOR JOINTING POWER CABLES

Title (de)

STECKVERBINDER FÜR VERBINDUNG STROMKABEL

Title (fr)

CONNECTEUR POUR JOINT DE CÂBLES DE PUISSANCE

Publication

EP 3336971 A1 20180620 (EN)

Application

EP 16204393 A 20161215

Priority

EP 16204393 A 20161215

Abstract (en)

The present disclosure relates to a connector (1) for jointing a first power cable section (3a) and a second power cable section (3b), comprising: a first contact body (5) having a first end (5a) provided with a central opening (5b) configured to receive a first conductor end (11a) of a first power cable section (3a), and a second end (5c) opposite to the first end (5a), provided with a male contact structure (5d), a second contact body (7) having a first end (7a) provided with a central opening (7b) configured to receive a first conductor end (11b) of a second power cable section (3b), and a second end (7c), opposite to the first end (7a) of the second contact body (7), provided with a female contact structure (7d) configured to engage with the male contact structure (5d), and a radially elastic contact member (9a-9d) configured to be arranged radially between the male contact structure (5d) and the female contact structure (7d) to provide radial mechanical and electrical contact between the male contact structure (5d) and the female contact structure (7d).

IPC 8 full level

H01R 13/17 (2006.01); **H01R 13/187** (2006.01); **H01R 24/86** (2011.01); **H01R 4/36** (2006.01); **H01R 13/512** (2006.01); **H01R 13/621** (2006.01)

CPC (source: EP)

H01R 13/187 (2013.01); **H01R 24/38** (2013.01); **H01R 13/512** (2013.01); **H01R 13/621** (2013.01)

Citation (applicant)

DE 102014105817 A1 20151029 - STRESCON GMBH [DE]

Citation (search report)

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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

Designated extension state (EPC)

BA ME

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