

Title (en)  
MULTIPATH ELECTRIC POWER CONNECTION ASSEMBLY

Title (de)  
MEHRPFADSTROMVERBINDUNGSANORDNUNG

Title (fr)  
ENSEMBLE DE CONNEXION D'ALIMENTATION ÉLECTRIQUE À TRAJETS MULTIPLES

Publication  
**EP 3565065 A4 20200805 (EN)**

Application  
**EP 16925010 A 20161230**

Priority  
CN 2016113577 W 20161230

Abstract (en)  
[origin: EP3565065A1] A multi-way power-connection assembly (10) used to simultaneously connect multiple power-cables (12) to a mating-connector (14) includes a socket-pin (22), and a terminal (30). Each of the multiple power-cables (12) has a conductive-shield (16) overlying and insulated from a single-cable (18) used to conduct power. The socket-pin (22) defines a socket-portion (24) used to make contact with a power-pin (26) of a mating-connector (14). The socket-pin (22) also defines a terminal-portion (28). The terminal (30) defines a crimp-end (32) that is wrapped and crimped around a single-cable (18). The terminal (30) also defines a contact-end (34) that includes a plurality of fingers (36) that surround and make elastic-contact with the terminal-portion (28) of the socket-pin (22).

IPC 8 full level  
**H01R 4/18** (2006.01); **H01R 4/48** (2006.01); **H01R 11/28** (2006.01); **H01R 13/187** (2006.01); **H01R 13/514** (2006.01); **H01R 13/6581** (2011.01); **H01R 13/707** (2006.01); **H01R 24/00** (2011.01); **H01R 24/30** (2011.01); **H01R 13/18** (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP)  
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Citation (search report)

- [Y] GB 2469023 A 20101006 - TYCO ELECTRONICS [GB]
- [Y] CN 205212051 U 20160504 - DELPHI ELECTRICAL CENTERS (SHANGHAI) CO LTD
- [Y] CN 205231308 U 20160511 - DELPHI ELECTRICAL CENTERS (SHANGHAI) CO LTD
- [A] EP 2843774 A1 20150304 - DELPHI TECH INC [US]
- [A] US 2004137790 A1 20040715 - LEE JOON [US], et al
- See references of WO 2018120050A1

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

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**EP 3565065 A1 20191106; EP 3565065 A4 20200805; CN 110178271 A 20190827; WO 2018120050 A1 20180705**

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