

Title (en)

Electrical connector assembly for high currents

Title (de)

Elektrische Verbindungseinrichtung für hohe Ströme

Title (fr)

Dispositif de connection électrique pour courants forts

Publication

**EP 1760839 B1 20101110 (DE)**

Application

**EP 06017422 A 20060822**

Priority

- DE 102005041206 A 20050831
- DE 102006002657 A 20060119

Abstract (en)

[origin: EP1760839A2] A metal plug (10) has a cone section (16) with an external thread (18). A metal coupling (12) has a cone cavity (20) with an internal thread (22) that interconnects with the external thread of the plug. A guide pin (24) on the front end of the plug is insertable into a center hole (26) in the cone cavity of the coupling. The guide pin has parallel and opposing flattenings (28) separated by an appropriate distance corresponding to a specific wrench width. An independent claim is also included for a coupling.

IPC 8 full level

**H01R 13/622** (2006.01)

CPC (source: EP)

**H01R 13/622** (2013.01); **H01R 13/53** (2013.01); **H01R 13/5804** (2013.01); **H01R 13/74** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1760839 A2 20070307**; **EP 1760839 A3 20080514**; **EP 1760839 B1 20101110**; AT E488034 T1 20101115; DE 502006008268 D1 20101223

DOCDB simple family (application)

**EP 06017422 A 20060822**; AT 06017422 T 20060822; DE 502006008268 T 20060822