

Title (en)  
POWER CONNECTION DEVICE

Title (de)  
STROMVERBINDER

Title (fr)  
DISPOSITIF DE CONNEXION DE PUISSANCE

Publication  
**EP 0736228 B1 20000112 (FR)**

Application  
**EP 95935995 A 19951020**

Priority  
• FR 9501390 W 19951020  
• FR 9412656 A 19941024

Abstract (en)  
[origin: WO9613078A1] A power connection device (1) comprising a socket portion (2) with a lyrate cross-section contained and held in an insulating holder (3) inside a bay so as to be accessible from one side only, as well as a plug portion (6) for insertion into the accessible side of the socket portion. The device is remarkable in that, to enable the transfer of strong currents, the socket portion consists of a thick rigid multiple clip (2) which, for connection, receives the inserted plug portion consisting of a single thick blade (6). The nip area (P) of the socket portion and the thickness (W) of the plug portion are such that the insertion force is of 1.5-5 daN, and the resultant of the contact resistances is lower than 60 mu OMEGA .

IPC 1-7  
**H01R 13/193**

IPC 8 full level  
**H01R 13/02** (2006.01); **H01R 13/03** (2006.01); **H01R 13/04** (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP US)  
**H01R 13/02** (2013.01 - EP US); **H01R 13/193** (2013.01 - EP US); **H01R 13/03** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9613078 A1 19960502**; CA 2179290 A1 19960502; CA 2179290 C 19991012; DE 69514499 D1 20000217; DE 69514499 T2 20000531; EP 0736228 A1 19961009; EP 0736228 B1 20000112; FR 2726129 A1 19960426; FR 2726129 B1 19961122; JP 2915997 B2 19990705; JP H09503343 A 19970331; US 5997327 A 19991207

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