

Title (en)
POWER CONNECTION DEVICE

Title (de)
STROMVERBINDER

Title (fr)
DISPOSITIF DE CONNEXION DE PUISSANCE

Publication
EP 0736228 A1 19961009 (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 13/03 (2006.01); **H01R 13/02** (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)

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See references of WO 9613078A1

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