

Title (en)
STAMPED POWER CONTACT

Title (de)
GESTANZTER LEISTUNGSKONTAKT

Title (fr)
CONTACT ELECTRIQUE MATRICE

Publication
EP 0880805 B1 20030416 (EN)

Application
EP 97905738 A 19970131

Priority
• US 9701751 W 19970131
• US 1106096 P 19960202

Abstract (en)
[origin: WO9728579A1] A power port terminal formed by stamping from a blank of conductive material comprises a contact receiving socket portion (12) and an integral mounting portion (14). The socket includes a web with a plurality of beams (20) thereon. The inner surface of the beams on the bends thereof define a substantially continuous cylindrical contact surface at a predetermined point along the reference axis of the terminal. The contact surface has a predetermined constricted dimension (36) measured in a plane perpendicular to the reference axis, this dimension being the most constricted dimension along the reference axis of the terminal. The terminal is thereby able to accomodate a pin of any desired axial length. The trailing mounting portion has a set of mounting legs (46) thereon, that in the preferred instance, extend generally perpendicular to the reference axis of the terminal. Latch tabs (38) may be provided on one or more of the beams. There are lateral projections (62) on the mounting portion, which restrain the terminal from pivoting on its longitudinal axis when it is mounted in a through hole (52) in an insulative housing (50).

IPC 1-7
H01R 12/04; **H01R 12/32**; **H01R 13/432**; **H01R 13/11**

IPC 8 full level
H01R 13/11 (2006.01); **C11D 3/28** (2006.01); **H01R 12/55** (2011.01); **H01R 13/115** (2006.01); **H01R 13/432** (2006.01)

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