

Title (en)
DUAL SLOT ELECTRICAL CONTACT

Publication
EP 0251556 A3 19900103 (EN)

Application
EP 87305329 A 19870616

Priority

- US 88204786 A 19860703
- US 88204886 A 19860703
- US 88212686 A 19860703

Abstract (en)
[origin: EP0251556A2] A contact terminal (16,50,80,100) has a termination section (26,60,82,104) including a spaced pair of axially extending slots (42A,42B; 68A,68B; 90A,90B; 110,110) within each of which a respective one of a pair of conductor wires (24A,24B; 72A,72B; 114,114) is held in interference fit for weld termination (74A,118) such as by laser welding. The terminal (16,50,80,100) is stamped from a metal blank and its termination section is preferably formed by forming a raised central portion (56,84,112) therein of a height about equal to a wire diameter with a planar top surface (87) and with parallel vertical side surfaces defining the inner slot walls, and bending parallel vertical side walls (64A,64B; 88A,88B; 108,108) upward from side portions of the termination section spaced from the side surfaces of the raised central portion (56,84,112) and defining the outer slot walls, where the slot width at least at one location is just less than the wire diameter. The raised central portion may be formed by striking an axially extending boss (84) upwardly in the center of the termination section (82), or by bending a rearwardly extending tab portion (56) back along the top of the termination section (60).

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IPC 8 full level
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CPC (source: EP)
H01R 4/027 (2013.01); **H01R 43/02** (2013.01)

Citation (search report)

- [A] WO 8601946 A1 19860327 - AMP INC [US]
- [AD] EP 0112019 A1 19840627 - AMP INC [US]

Cited by
EP1128469A1; FR2983648A1; US2011265947A1; US8704123B2; US6435899B2; WO2013092116A1

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