

Title (en)
ELECTRICAL CONTACT ARRANGEMENT

Publication
EP 0402792 A3 19910717 (EN)

Application
EP 90110898 A 19900608

Priority
US 36519489 A 19890612

Abstract (en)
[origin: EP0402792A2] An electrical contact unit (100) is disclosed, having a series of four electrical receptacles (102, 104, 106, 108). Each of the receptacles includes an upper cantilever member (110) and a lower cantilever member (112). Upper lateral arms (114) are conductively interconnected by an upper bridge portion (116). Correspondingly, lower lateral arms (118) are conductively interconnected by a lower bridge portion (120). The upper lateral arms (114) and upper bridge portion (116) provide a pair of contact surfaces or edges (122). Correspondingly, the lower lateral arms (118) and lower bridge portion (120) form a pair of lower contact surfaces or edges (124). In addition, an upper cantilever member (128) positioned inwardly of the upper lateral arms (114) is also provided. A lower and inner cantilever member (130) is disposed directly below the upper and inner cantilever member (128) and is located in a spatial area formed by the lower lateral arms (128) and lower bridge portion (120). The inner and upper cantilever member (128) is shaped so as to form a contact surface (140) on a lower surface thereof. Correspondingly, the lower and inner cantilever member (130) is shaped so as to form an electrical contact surface or edge (142) on an upper surface thereof.

IPC 1-7
H01R 13/11

IPC 8 full level
H01R 13/11 (2006.01)

CPC (source: EP)
H01R 13/11 (2013.01)

Citation (search report)

- [AD] US 4795379 A 19890103 - SASAKI TAKINORI [JP], et al
- [A] DE 8600211 U1 19870702
- [A] FR 2308217 A1 19761112 - AMP INC [US]

Cited by
US5938485A; EP0726615A3

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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