

Title (en)

Electrical receptacle apparatus with blade terminal.

Title (de)

Elektrische Verbindungseinrichtung mit Blattkontakt.

Title (fr)

Socle électrique avec une fiche en forme de lame.

Publication

**EP 0402792 B1 19951011 (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 (examination)

EP 0268364 A2 19880525 - MINNESOTA MINING & MFG [US]

Cited by

US5938485A; EP0726615A3

Designated contracting state (EPC)

DE FR GB IT

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