

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

DOCDB simple family (publication)

EP 0402792 A2 19901219; EP 0402792 A3 19910717; EP 0402792 B1 19951011; CA 2018179 A1 19901212; CA 2018179 C 20000418; DE 69022888 D1 19951116; DE 69022888 T2 19960530

DOCDB simple family (application)

EP 90110898 A 19900608; CA 2018179 A 19900604; DE 69022888 T 19900608