

Title (en)

ELECTRICAL MINIATURISED ROUND PLUG CONTACTS WITH A ROUND RECEPTACLE AND A ROUND PIN

Publication

**EP 0333988 A3 19900829 (DE)**

Application

**EP 89101049 A 19890121**

Priority

- DE 3810210 A 19880325
- DE 8804092 U 19880325

Abstract (en)

[origin: US4923416A] The invention pertains to a plug prong, stamped from a piece of sheet metal, with a crimp section and a contact section, as well as a transition section between the crimp section and the contact section, characterized by a hollow, cylindrical base section and a round, pin-like, hollow, cylindrical contact section with a conically rounded tip, as well as a short, cylindrical transition section, between the crimp section and the base section, while the outside diameter of the base section is greater than the outside diameters of the contact section and the transition section and the outside diameter of the transition section is greater than the outside diameter of the contact section. The invention also pertains to a round plug sleeve, especially for assembly with a plug prong, with a crimp section, a short, cylindrical transition section, and an ensuing contact section, while the contact section has a cylindrical spring-tongue base with two opposing spring arms joined thereto at the front end and the spring-tongue based is surmounted by an override spring with an overriding spring-arm base, whose overriding spring arms come to rest in the front end-section of the spring arms.

IPC 1-7

**H01R 13/05**; **H01R 13/18**

IPC 8 full level

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Citation (search report)

- [A] US 4070088 A 19780124 - VADEN JAMES L
- [A] EP 0108878 A1 19840523 - GROTE & HARTMANN [DE]

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DOCDB simple family (publication)

**US 4923416 A 19900508**; DE 3810210 A1 19891005; DE 3810210 C2 19910613; DE 8804092 U1 19880630; EP 0333988 A2 19890927; EP 0333988 A3 19900829; EP 0333988 B1 19930915; JP H01283781 A 19891115

DOCDB simple family (application)

**US 30667889 A 19890206**; DE 3810210 A 19880325; DE 8804092 U 19880325; EP 89101049 A 19890121; JP 7373989 A 19890324