

Title (en)

CIRCULAR SOCKET WITH A SURROUNDING SPRING MEMBER

Publication

EP 0108878 B1 19861112 (DE)

Application

EP 83108654 A 19830902

Priority

DE 3241485 A 19821110

Abstract (en)

[origin: US4540234A] A round plug socket including a conductor securing portion and a cylindrical spring arm base portion provided with spring arms connected to the front edge of the spring arm base portion, the spring arms being spaced from one another and being bent inward. A plug ring is provided on the front side of the spring arms. The plug ring is embraced by a ring portion of an over-spring which is slit in a longitudinal direction of the round plug socket. Securing members for unreleasably seating the over-spring ring portion on the round plug socket are provided, which preferably also limit the opening of the over-spring to protect against any over-bending of the spring arms during contact thereof with a male plug inserted into the round plug socket.

IPC 1-7

H01R 13/18

IPC 8 full level

H01R 13/11 (2006.01); **H01R 13/18** (2006.01); **H01R 13/434** (2006.01)

CPC (source: EP US)

H01R 13/18 (2013.01 - EP US); **H01R 13/434** (2013.01 - EP US)

Cited by

FR2688946A1; EP0517076A3; DE4034094A1; EP0333988A3; DE3810210A1; EP0196368A1; EP0650224A3; EP0517077A3; US5338229A; FR2762452A1; US5938486A; EP0352088A1

Designated contracting state (EPC)

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EP 83108654 A 19830902; DE 3241485 A 19821110; JP 19627283 A 19831021; US 54898383 A 19831104