

Title (en)

Contact-Voltage proof banana plug

Title (de)

Bananenstecker mit Berührungsschutz

Title (fr)

Fiche de banane protege contre les contacts accidentels

Publication

EP 0774805 A3 19980506 (DE)

Application

EP 96116908 A 19961021

Priority

DE 29518296 U 19951120

Abstract (en)

[origin: EP0774805A2] The plug (3) includes an isolated tip (5) and a plug body (6) which comprises a ring-shaped surrounding groove (8) for holding an elastic ring at the end of the contacting side. A gradually narrowed part of a sheath (9) is clamped in the groove (8), which surrounds the plug over its full length. The sheath is furnished with a longitudinal slit in the area of the plug tip. A rip is formed at the exterior of the sheath at the gradually narrowed section.

IPC 1-7

H01R 15/08; **H01R 11/18**; **H01R 31/06**

IPC 8 full level

H01R 13/44 (2006.01); **H01R 13/506** (2006.01); **H01R 24/00** (2006.01); **H01R 13/46** (2006.01)

CPC (source: EP)

H01R 13/44 (2013.01); **H01R 24/28** (2013.01); **H01R 13/465** (2013.01); **H01R 2101/00** (2013.01)

Citation (search report)

- [Y] US 5026301 A 19910625 - BALYASNY MARIK [US], et al
- [Y] GB 2228631 A 19900829 - CLIFF ELECTRON COMPONENTS LTD [GB]
- [Y] GB 2256978 A 19921223 - FUKUDA DENSHI KK [JP]

Cited by

DE102009030708A1; CN105337125A; GB2323221A; GB2323221B; GB2328804A; GB2328804B

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

DE 29518296 U1 19970320; EP 0774805 A2 19970521; EP 0774805 A3 19980506

DOCDB simple family (application)

DE 29518296 U 19951120; EP 96116908 A 19961021