

Title (en)  
Shockproof plug

Title (de)  
Schutzkontaktstecker

Title (fr)  
Fiche de prise de courant de sécurité

Publication  
**EP 0987796 A3 20000531 (DE)**

Application  
**EP 99112753 A 19990701**

Priority  
DE 19838489 A 19980825

Abstract (en)  
[origin: EP0987796A2] The plug (1) has a main body of insulating material and an inset flat metal element with a pair of projecting pins. Each pin extends beyond the underside, Contact caps fitted to each pin fit in slots and have a pair of spring contacts that engage behind edges of the socket bushes to lock the pins in place.

IPC 1-7  
**H01R 24/08**; **H01R 13/20**; **H01R 13/193**; **H01R 13/17**; **H01R 13/639**

IPC 8 full level  
**H01R 13/17** (2006.01); **H01R 13/193** (2006.01); **H01R 13/20** (2006.01); **H01R 13/639** (2006.01); **H01R 13/648** (2006.01); **H01R 13/655** (2006.01); **H01R 24/08** (2006.01); **H01R 24/30** (2011.01)

CPC (source: EP)  
**H01R 13/655** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  
• [A] US 5249976 A 19931005 - BROCK ROGER D [US]  
• [A] US 5194013 A 19930316 - PROPP MORRIS [US]  
• [A] US 5480318 A 19960102 - GARRISON DALE E [US]  
• [A] FR 2233724 A1 19750110 - POULAIN WILFRID [FR]  
• [A] US 5082450 A 19920121 - WARREN SR CHARLES C [US], et al

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0987796 A2 20000322**; **EP 0987796 A3 20000531**; **EP 0987796 B1 20011114**; AT E208965 T1 20011115; DE 19838489 C1 20000309; DE 59900421 D1 20011220

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