

Publication

EP 0549908 A3 19940126

Application

EP 92120545 A 19921202

Priority

US 81413291 A 19911230

Abstract (en)

[origin: EP0549908A2] An electrical power connector assembly (12,14) includes a dielectric housing (16,54) having at least one terminal receiving passage (18,60) defined by at least a pair of opposite side walls. At least one elongate terminal (20,62) is positionable in the passage and has a front mating section (30,70), an intermediate section (32,72), and a rear terminating section (34,74). The terminal is unitary and the front mating section includes at least one forwardly extending spring contact arm (30a,84a,84b). The cross sectional area along substantially the entire length between the upwardly extending side wall (32b,72b) and the spring arm (30a,84a,84b) is generally uniform. The intermediate section includes a base (32a,72a) and at least one upwardly extending side wall (32b,72b) integral with the spring arm. A locking shoulder (42,76) is formed in an upper edge of the side wall of the intermediate section of the terminal. A complementarily engageable locking surface (52,78) is formed on an adjacent solid wall of the housing passage. The width (E) of the side wall of the terminal at the locking shoulder is at least substantially equal to that of a juncture (F) of the side wall and the spring contact arm which is integral therewith. <IMAGE>

IPC 1-7

H01R 13/422

IPC 8 full level

H01R 13/428 (2006.01); **H01R 13/432** (2006.01)

CPC (source: EP KR)

H01R 13/432 (2013.01 - EP); **H01R 25/00** (2013.01 - KR)

Citation (search report)

- [XA] GB 1293319 A 19721018 - AMP INC [US]
- [XA] FR 2291625 A1 19760611 - BUNKER RAMO [US]
- [A] US 3753193 A 19730814 - TEAGNO W, et al
- [A] US 3764960 A 19731009 - HEIMBROCK H
- [A] GB 1227429 A 19710407

Cited by

DE19756905A1; US8048523B2; US10330108B2

Designated contracting state (EPC)

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EP 0549908 A2 19930707; **EP 0549908 A3 19940126**; **EP 0549908 B1 19960612**; DE 69211516 D1 19960718; DE 69211516 T2 19970102; HK 192896 A 19961025; JP 2538829 B2 19961002; JP H05258797 A 19931008; KR 930015193 A 19930724; SG 44587 A1 19971219

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