

Title (en)

Electrical terminal.

Title (de)

Elektrisches Anschlusselement.

Title (fr)

Borne électrique.

Publication

**EP 0646989 A3 19951122 (EN)**

Application

**EP 94115292 A 19940928**

Priority

GB 9320182 A 19930930

Abstract (en)

[origin: EP0646989A2] An electrical contact (2) has an inner contact member (4) and an outer assist spring (6) where backup spring arms (24) of the assist spring (6) press against cantilever beam spring arms (10a and 10b) to increase contact pressure on an inserted tab. The cantilever beam spring arm (10a) includes two contact points at (34) with an intermediate shallow section (36) whereas the cantilever beam spring arm (10b) includes a single contact point at (32). This configuration provides three distinct contact points for an inserted tab, and increases the contact force against an inserted tab contact. <IMAGE> <IMAGE>

IPC 1-7

**H01R 13/115; H01R 13/18**

IPC 8 full level

**H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 13/15** (2006.01); **H01R 13/18** (2006.01)

CPC (source: EP)

**H01R 13/113** (2013.01); **H01R 13/18** (2013.01)

Citation (search report)

- [X] EP 0214022 A2 19870311 - DAIICHI DENSHI KOGYO [JP], et al
- [A] FR 2647602 A1 19901130 - AMP FRANCE [FR]
- [A] FR 2195084 A1 19740301 - INT STANDARD ELECTRIC CORP [US]
- [A] DE 4034941 C1 19910926

Cited by

EP1635425A4

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0646989 A2 19950405; EP 0646989 A3 19951122**; GB 9320182 D0 19931117; JP H07169524 A 19950704

DOCDB simple family (application)

**EP 94115292 A 19940928**; GB 9320182 A 19930930; JP 26150394 A 19940930