

Title (en)  
Electrical terminal

Title (de)  
Elektrisches Anschlusselement

Title (fr)  
Élément de contact électrique

Publication  
**EP 1643598 A1 20060405 (DE)**

Application  
**EP 04022990 A 20040927**

Priority  
EP 04022990 A 20040927

Abstract (en)  
Free ends of the contact spring arms (32, 34) are each arranged near the entry opening (18) of the connector component (10) which accepts the plug pin. A widened part (60) stops the inserted component (14) against the base section (12). The base section has recesses (30) in which the widened parts engage. Each contact spring arms include a constriction (62) in the transition zone to the widened part. An independent claim is included for the corresponding method of manufacture.

IPC 8 full level  
**H01R 13/187** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP)  
**H01R 13/187** (2013.01); **H01R 43/16** (2013.01)

Citation (search report)

- [Y] EP 1215763 A1 20020619 - TYCO ELECTRONICS AMP GMBH [DE]
- [Y] EP 0317100 A1 19890524 - AMP INC [US]
- [Y] US 4720276 A 19880119 - TAKAHASHI TORU [JP]

Cited by  
DE102007040937B3; DE102017001166A1; US11329400B2; US7976351B2; WO2010085240A1; US8323061B2; US10389054B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1643598 A1 20060405; EP 1643598 B1 20070912**; AT E373327 T1 20070915; DE 502004004965 D1 20071025

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