

Title (en)  
Contact spring

Title (de)  
Kontaktfeder

Title (fr)  
Ressort de contact

Publication  
**EP 0921597 B1 20030409 (DE)**

Application  
**EP 98118504 A 19980930**

Priority  
DE 19753459 A 19971202

Abstract (en)  
[origin: EP0921597A1] The contact spring (10) has a rectangular frame providing a spring arm base (16) with a terminal element (18) at one end for an electrical conductor lead and a pair of spring arms (20) at the opposite end. The spring arms have co-operating contact surfaces (22) and are angled away from one another at their free ends to provide an insertion gap with an opening angle of at least 30 degrees. The contact surfaces of the spring arms are formed to provide a pair of domed contacts.

IPC 1-7  
**H01R 13/115**; **H01R 13/18**

IPC 8 full level  
**H01R 13/03** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 13/18** (2006.01)

CPC (source: EP US)  
**H01R 13/03** (2013.01 - EP US); **H01R 13/113** (2013.01 - EP US); **H01R 13/18** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

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**EP 0921597 A1 19990609**; **EP 0921597 B1 20030409**; DE 59807845 D1 20030515; JP H11224710 A 19990817; KR 100348021 B1 20021118; KR 19990062706 A 19990726; US 6217395 B1 20010417

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**EP 98118504 A 19980930**; DE 59807845 T 19980930; JP 34003798 A 19981130; KR 19980052454 A 19981202; US 20440998 A 19981202