

Title (en)  
Flat contact spring with multiple blades

Title (de)  
Flachfederkontakt in Mehrlamellenausführung

Title (fr)  
Ressort de contact plat ayant plusieurs lamelles

Publication  
**EP 0793302 A1 19970903 (DE)**

Application  
**EP 97103287 A 19970227**

Priority  
DE 19607526 A 19960228

Abstract (en)  
A flat-spring type contact (10) in multi-lamellar design for a contact knife includes troughed plug contact housing (12)) with a basic spring formed out of upper and lower contact limbs (14,16). The latter (14,16) are arranged spaced apart and opposite one another on the plug contact housing (12) and are spring-positioned against one another or against an intermediate knife contact of the contact knife by their free ends, which converge towards one another and are provided with crimp-form lip ends. At least two contact points are provided on each contact limb (14,16) and are formed from collar- or cap-shaped bulges (28,29) arranged on the contacting side of the contact limb (14,16) lamellae.

Abstract (de)  
Die Erfindung betrifft einen Flachfederkontakt (10) in Mehrlamellenausführung. Zur Bildung einer definierten Voröffnung ist mindestens der obere oder untere Kontaktschenkel (14) mit zwei seitlich herausgerissenen Lappen (30) versehen, die am gegenüberliegenden Kontaktschenkel (16) anliegen. Definierte Kontaktstellen werden durch kalottenförmige Auswölbungen (28, 29), die in die Kontaktschenkel (14, 16) geprägt sind, erreicht.  
<IMAGE>

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

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

CPC (source: EP)  
**H01R 13/11** (2013.01); **H01R 13/18** (2013.01)

Citation (search report)

- [Y] WO 8504766 A1 19851024 - AMP INC [US]
- [Y] DE 9202365 U1 19930617
- [A] FR 1219360 A 19600517
- [A] EP 0656673 A2 19950607 - WHITAKER CORP [US]
- [A] US 5145422 A 19920908 - FRY RUPERT J [US]

Cited by  
CN106716727A; US9905952B2; WO2016014308A1; TWI674711B

Designated contracting state (EPC)  
BE DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0793302 A1 19970903**; DE 19607526 A1 19970904; DE 19607526 C2 19980226

DOCDB simple family (application)  
**EP 97103287 A 19970227**; DE 19607526 A 19960228