



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.05.2002 Bulletin 2002/22

(51) Int Cl.7: **H01R 13/115**, H01R 13/11,
H01R 43/16

(43) Date of publication A2:
08.08.2001 Bulletin 2001/32

(21) Application number: **01300884.2**

(22) Date of filing: **31.01.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Heimüller, Hans Jost**
67373 Dudenhofen (DE)

(74) Representative: **Warren, Keith Stanley et al**
BARON & WARREN
18 South End
Kensington
London W8 5BU (GB)

(30) Priority: **31.01.2000 EP 00101873**

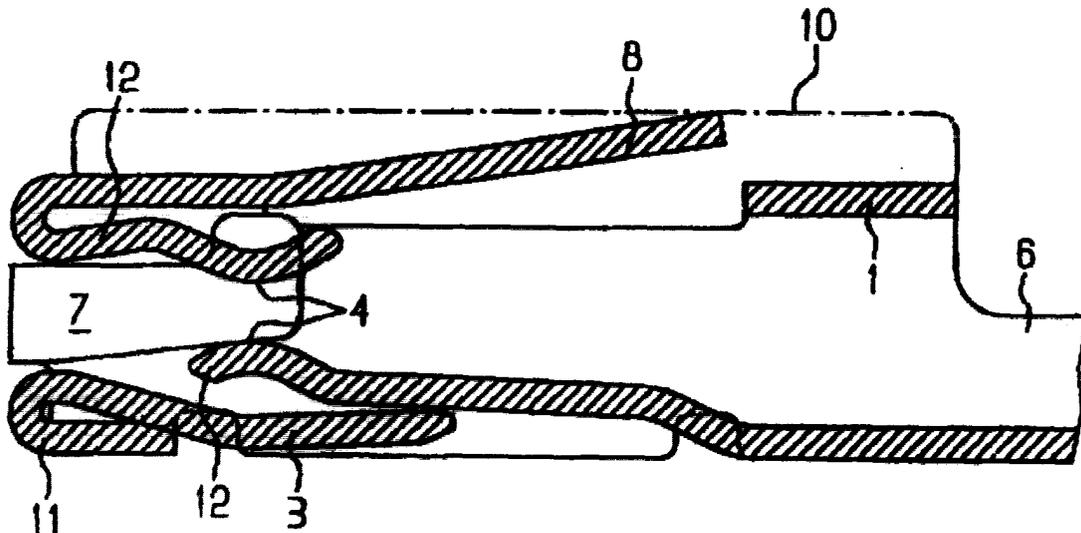
(71) Applicant: **Tyco Electronics AMP GmbH**
64625 Bensheim (DE)

(54) **Contact socket**

(57) The contact socket is of single-part construction and has a base spring (1) and two spring legs (12), which are integrally formed on the base spring (1) and both spring legs (12) include contacting sections (4),

facing each other where, as a result of the single-piece construction, the manufacturing process of this contact socket can be optimized and one of the spring legs (12) is supported by an additional support member (3) thereby increasing the resilient force.

FIG 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 0884

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 697 752 A (WHITAKER CORP) 21 February 1996 (1996-02-21) * the whole document * ---	1	H01R13/115 H01R13/11 H01R43/16
A	US 5 707 259 A (KAMEYAMA ISAO ET AL) 13 January 1998 (1998-01-13) * the whole document * ---	1	
A	US 5 989 078 A (CAPPE PATRICE ET AL) 23 November 1999 (1999-11-23) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		8 April 2002	Salojärvi, K
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 0884

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

08-04-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0697752 A	21-02-1996	EP 0697752 A2 US 5645458 A	21-02-1996 08-07-1997
US 5707259 A	13-01-1998	JP 9035796 A	07-02-1997
US 5989078 A	23-11-1999	FR 2749443 A1 AT 212753 T BR 9703431 A CA 2204293 A1 DE 69710123 D1 EP 0812034 A1 JP 10055841 A	05-12-1997 15-02-2002 07-07-1998 03-12-1997 14-03-2002 10-12-1997 24-02-1998