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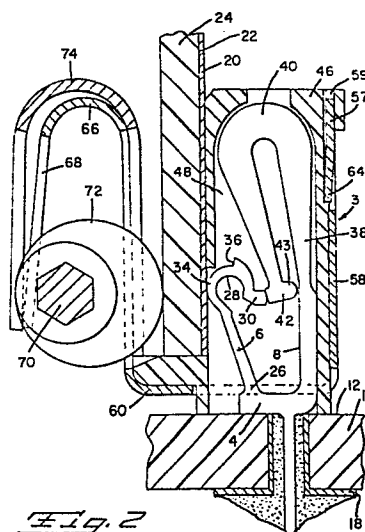
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(54) **Electrical contact terminal and multi-contact connector.**

(57) An electrical contact terminal (2) of the type contained in a connector housing (46) comprises a yoke portion (4) having extending therefrom, a contact arm (6) and a spring arm (8). The contact arm (6) has an electrical contact portion (34) on one side thereof and a bearing portion (32) on the other side which bears against a bearing portion (44) on the spring arm (8). When the contact arm (6) is flexed toward the spring arm (8) by a mating part, such as a circuit board (24), the contact force is developed in the spring arm (8) and the contact arm (6) serves primarily as a conductor. The terminal (2) and the contact arm 6 serves primarily as a conductor. The terminal 2 is produced by stamping sheet metal without subsequent bending, so that all parts of the terminal lie in the plane of the sheet metal from which it was produced. Terminals of the type described are used in electrical connectors for printed circuit boards which are also described.





EP 81 30 5304.8

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
P,X	<u>US - A - 4 268 102 (GRABBE)</u> * abstract; column 4, lines 8 to 47; column 5, line 31 to column 6, line 23; fig. 1 to 6 * --	1-7	H 01 R 23/72 H 01 R 23/68 H 05 K 7/10
X,D	<u>US - A - 4 188 085 (ALDRIDGE et al.)</u> * column 4, line 51 to column 5, line 43; column 7, line 54 to column 8, line 27; column 8, line 63 to column 9, line 7; fig. 1, 7, 8, 9, 11 * --	1-7	TECHNICAL FIELDS SEARCHED (Int.Cl. 3)
A	<u>DE - A1 - 2 838 557 (SIEMENS)</u> * page 6, line 29 to page 9, line 29; fig. 1 to 4 * ---	8-10	H 01 R 13/10 H 01 R 13/11 H 01 R 23/68 H 01 R 23/72 H 05 K 7/10
A	<u>EP - A1 - 0 018 422 (CIE INDUSTRIELLE DES TELECOMMUNICATIONS CIT-ALCATEL)</u> * page 3, line 19 to page 5, line 24; fig. 1 to 3 * ---	8-10	
A,D	<u>US - A - 3 871 736 (CARTER)</u> * complete document * ----		CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons
X The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search		Date of completion of the search	Examiner
Berlin		28-09-1982	HAHN