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(54) **Press fit solder cup.**

(57) A solder cup (24) adapted to be secured to the shank (44) of a contact (22) received in a connector (20) has a generally cylindrical body having a bore (90) sized to receive the shank (44) of the contact (22) therein. The body has at least one retention feature (108) proximate a first end (92) that defines an effective diameter within the bore (90) that is less than the cross section measurement of the shank (44) of a contact (22) to be received therein. Upon insertion of the shank (44) of a contact (22) into the bore (90) of the solder cup (24), an interference fit is achieved between the shank (44) and retention features (108) of the solder cup (24) to provide electrical engagement therebetween and to secure the solder cup (24) on the shank (44).

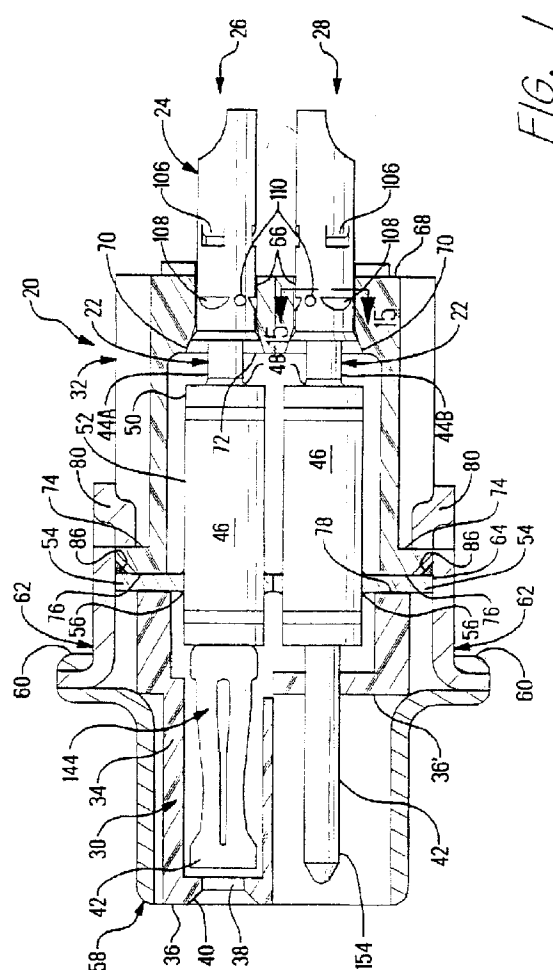


FIG. 1

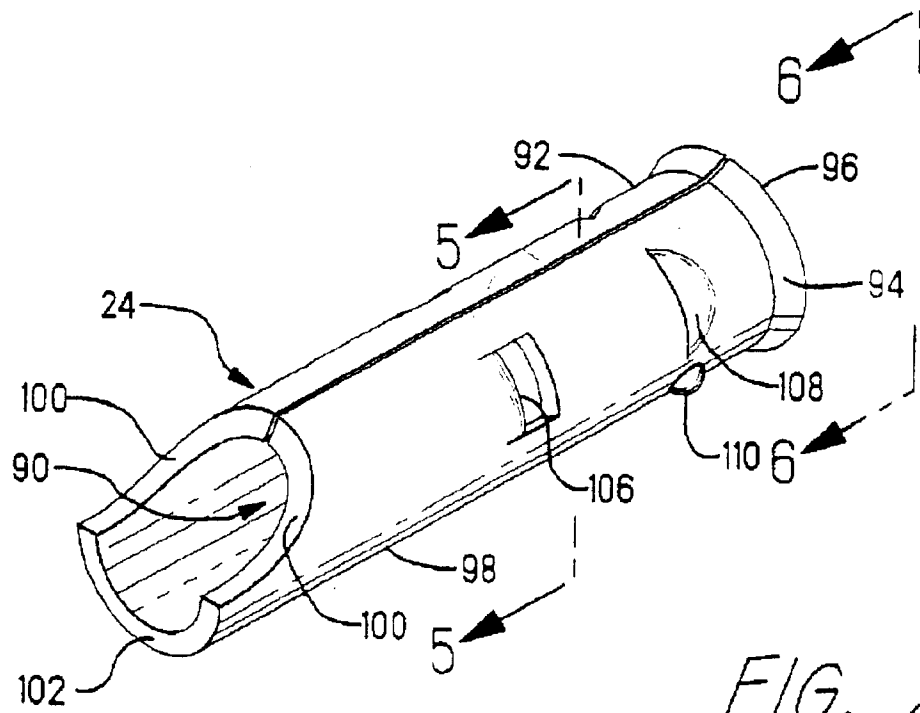


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 2442

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.5)
D,Y	US-A-4 717 354 (MCCLEEREY) * column 1, line 7 - line 19; figures 1,2 *	1-4,7	H01R9/11 H01R13/115
Y	DE-A-1 465 686 (HARTING) * page 4, line 8 - page 5, line 24; figures 1-12 *	1-4,7	
A	FR-A-2 498 827 (THE BENDIX CORPORATION) * page 3, line 17 - line 23; figure 1 *	5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 MARCH 1993	Examiner MATZDORF U.
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 & : member of the same patent family, corresponding document			

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