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(54) **Electrical connector having gel sealing and post insertion conductor engagement**

(57) An electrical connector (2) comprising a terminal block (4) having conductor receiving passageways (18) therein that extend from a rear face (22) to a mating face (14) of the block (4), where a contact (10) having an conductor engaging section (54) for engaging an insulated wire (66) to be terminated thereto is disposed in the passageway (18); a gel-like seal (6) is disposed towards the rear face (22) such that the wire (66) to be terminated to the contact (10) must pass therethrough to be received within the conductor engaging section

(54) and, a displacement member (38) for terminating the wire (66) in the conductor engaging section (54) after the wire (66) passes through the seal (6), thereby assuring the residue of the seal does not contaminate the interconnection of the contact to the mating terminal (not shown) or to the conductive lead (70) within the wire (66) as any residue would be disposed upon the coating (68).

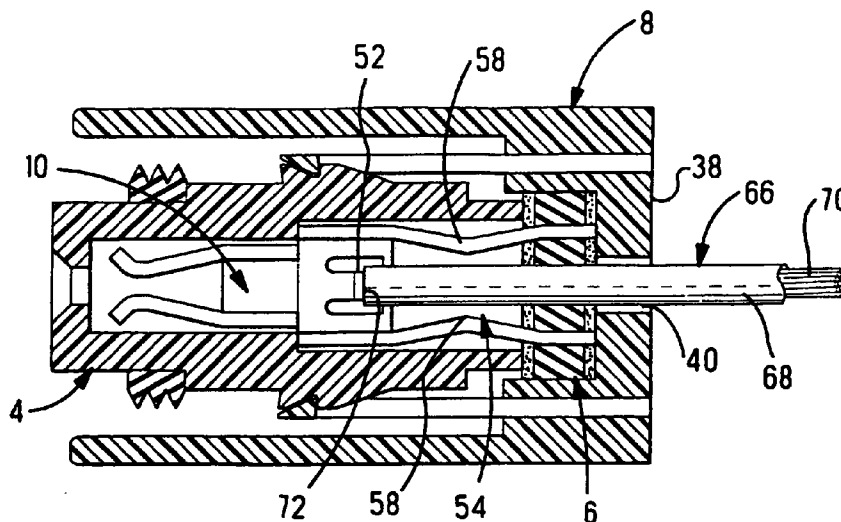


Fig. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 3043

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.6)
D,A	EP-A-0 102 156 (MOLEX INC) 7 March 1984 * page 5, line 11 - page 8, line 12; figure 3 * ---	1-5,7	H01R13/52 H01R4/24
D,A	US-A-4 875 870 (HARDY JUDY ET AL) 24 October 1989 * column 7, line 6 - line 8; figures 4,5 * * column 7, line 31 - line 48 * ---	1,3,6,7	
A	US-A-4 497 531 (BAKER ROBERT W) 5 February 1985 * column 2, line 33 - line 58; figure 2 * -----	1,7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01R
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 11 November 1996	Examiner Berg, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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