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54 **Electrical connector assembly.**

57 An electrical connector assembly (100) comprises a plurality of contacts (10) removably mounted in densely packed cavities (73) of a connector housing (70), each cavity having a contiguous keyway slot (74) and oppositely inwardly facing shoulders (75,76). Each contact (10) includes a resilient tine (20) having an edge (21) for engaging the rear shoulder (76) to prevent withdrawal from the cavity, a locator key (30) adapted to be received in the keyway slot (74) and for orienting the tine and engaging the forward shoulder (75) to limit inward placement of the contact in the cavity and a rolled shoulder (40) having an installation abutment surface (41) at the rear (14) end of the sleeve, proper orientation of the tine allowing dense packing of the cavities and their associated contacts.

FIG. 1

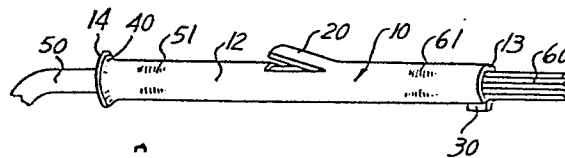
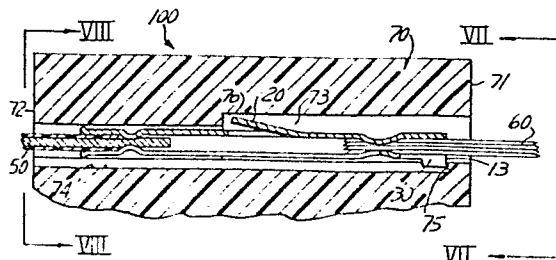


FIG. 6



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EUROPEAN SEARCH REPORT

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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	
X,Y	<p><u>DE - A1 - 2 656 920 (HARTING)</u> * page 6, line 22 to page 7, line 20; page 8, lines 1 to 14; fig. 1, 2, 4, 6 *</p> <p style="text-align: center;">--</p>	1,3,4,5,6	<p>H 01 R 13/432 H 01 R 23/02</p>
Y	<p><u>GB - A - 1 456 062 (AMP)</u> * page 1, lines 49 to 51; page 1, lines 86 to 89; page 3, lines 57 to 68; fig. 3, 16 *</p> <p style="text-align: center;">----</p>	6	<p>TECHNICAL FIELDS SEARCHED (Int.Cl. 3)</p> <p>H 01 R 13/42 H 01 R 13/432</p>
			<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 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</p>
<p><input checked="" type="checkbox"/> The present search report has been drawn up for all claims</p>			<p>&: member of the same patent family, corresponding document</p>
Place of search	Date of completion of the search	Examiner	
Berlin	25-02-1982	HAHN	