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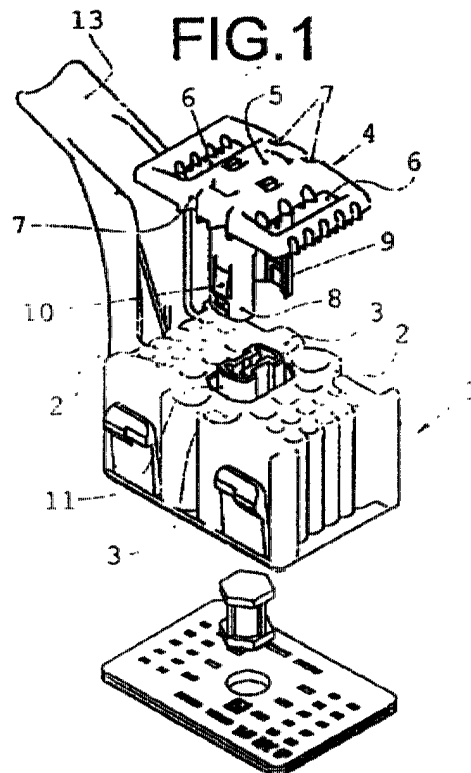
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(54) **A high-density multi-section electrical path connector**

(57) The high-density multi-section electrical connector is mainly intended for centralising cables in electrical installations of vehicles, and is of the type which consist of a housing adapted to house terminals associated with corresponding cables. Inside this type of connectors, cavities are arranged for housing the cables and said terminals.



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EUROPEAN SEARCH REPORT

Application Number
EP 01 50 0055

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)
X	US 5 211 583 A (ENDO TAKAYOSHI ET AL) 18 May 1993 (1993-05-18) * abstract; figures 3-6 * * column 3, line 18 - column 6, line 27 * ---	1,2	H01R13/58 H01R13/52 H01R13/436
A	US 5 209 676 A (ENDO TAKAYOSHI ET AL) 11 May 1993 (1993-05-11) * abstract; figures 1-5 * * column 2, line 22 - column 4, line 35 * ---	1-3	
A	US 5 941 737 A (OHSUMI HIDEKI ET AL) 24 August 1999 (1999-08-24) * abstract; figures 6-11 * * column 4, line 64 - column 11, line 33 * ---	1,3	
A	EP 0 948 093 A (YAZAKI CORP) 6 October 1999 (1999-10-06) * abstract; figures * * column 3, line 56 - column 7, line 43 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 December 2002	Examiner Serrano Funcia, J
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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20-12-2002

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5211583	A	18-05-1993	NONE		
US 5209676	A	11-05-1993	NONE		
US 5941737	A	24-08-1999	JP	10223295 A	21-08-1998
EP 0948093	A	06-10-1999	JP	11283695 A	15-10-1999
			EP	0948093 A1	06-10-1999
			US	6398585 B1	04-06-2002