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(54) Connector latches

(57) Electrical connectors having latches for holding the connectors in mated condition employ relatively long latch arms with a point of flexure near a rear end of the connector. The latches extend into locating posts positioned forwardly of the mating face of the connector. If multiple latch arms are used, they are interconnected by a commonly actuated cross bar. Latch arms may be

formed by integrally molding the arms with covers of the connectors. Effective latching properties and a long life are achieved with such latch structures. Manufacturing costs may be reduced by integrally molding latches with covers of the connector.

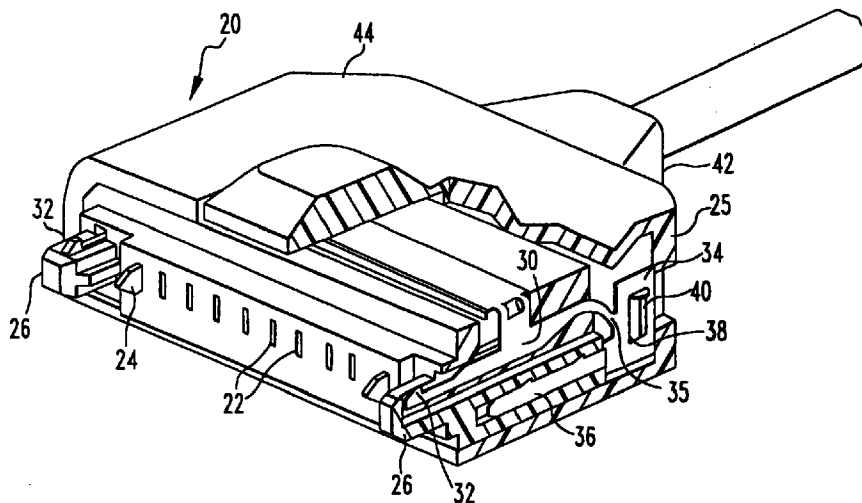


FIG.1



European Patent  
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EUROPEAN SEARCH REPORT

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EP 98 11 4983

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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A	* page 4, line 35 - page 5, line 11; figures 3,4 *	1-7	
X	US 5 613 870 A (R.F.TRAVER) 25 March 1997 (1997-03-25)	8	
A	* column 3, line 34 - line 48 * * column 4, line 53 - line 64; figures 1,7A-7F *	1,2,4	
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A	* column 3, line 13 - line 20; figures 1-3B *		
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	* column 8, line 18 - line 38; figure 4 *		
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		16 September 1999	Alexatos, G
CATEGORY OF CITED DOCUMENTS		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	
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			

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ANNEX TO THE EUROPEAN SEARCH REPORT  
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