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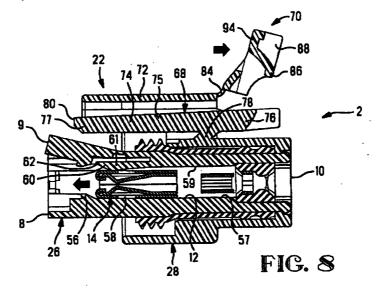
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(54) Electrical connector

(57) A connector (2) is provided with a safety element (70) that is pivoted over a release grip portion (76), of a latching arm (74). The safety element (70) prevents inadvertent uncoupling of the connectors. The connector is supplied With the safety element (70) in the secured position. Elasticity of the latch is sufficient to

allow coupling of the connectors when the safety element blocks the release portion of the latch. The connector is thus easy to couple without requiring subsequent actuation of a safety element, yet prevents inadvertent release.





EUROPEAN SEARCH REPORT

Application Number EP 99 10 1168

		ERED TO BE RELEVANT	Pol-yes*	CLASSIFICATION OF THE
Category	Citation of document with of relevant pass	indication, where appropriate, sages	Relevant to claim	APPLICATION (Int.Cl.6)
X	FR 2 408 232 A (SO * figures 2-4 * * page 6, line 5 -	URIAU & CIE) 1 June 1979 page 7, line 7 *	1,2,4	H01R13/627
A	EP 0 621 658 A (SUMITOMO WIRING SYSTEMS) 26 October 1994 * abstract; figures 4,5 * * column 11, line 3 - line 45 *		1,4	
A	1 February 1995 * abstract: figure	MITOMO WIRING SYSTEMS) s 2,3 * 7 - column 5, line 24 *	1,3,5-8	
A	24 January 1996 * abstract: figure:	AITOMO WALL SYSTEMS LTD) s 1,5 * - page 17, line 10 *	1-3,5,7, 8	
A	P 0 821 441 A (SUMITOMO WIRING SYSTEMS) A January 1998 A january figures 4,9 * Column 11, line 15 - line 49 *		1,2,4	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
- 1	<pre>5 February 1997 * abstract: figures</pre>	11TOMO WIRING SYSTEMS) 12,13,16 * - column 9, line 32 *	1	
			·	
	The present search report has	seen drawn up for all claims		
•	Place of search	Date of completion of the search	<u>_</u>	Examiner
	THE HAGUE	15 April 1999	Seri	rano Funcia, J
X : partic Y : partic docum A : techn O : non-v	TEGORY OF CITED DOCUMENTS sularly relevant if taken alone wilarly relevant if combined with another nent of the same category lological background written disclosure nediate document	T : theory or principle E : earlier patent docu after the filing date D : document oited in: L : document oited for & : member of the san	rment, but publish the application other reasons	ned on, or

EPO FORM 1503 03.82 (P04C01)



Application Number

EP 99 10 1168

CLAIMS INCURRING FEES				
The present European patent application comprised at the time of filing more than ten claims.				
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):				
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.				
LACK OF UNITY OF INVENTION				
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:				
see sheet B				
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.				
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.				
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:				
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:				
1-8				



LACK OF UNITY OF INVENTION SHEET B

Application Number EP 99 10 1168

2, 33 20 22

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-8

Resilient latch for securing connectors in a fully coupled position.

2. Claims: 9-11

A connector having locking members to engage terminals in place.

3. Claims: 12-14

Sealing means for an electrical connector.