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(54) Plug for a connector arrangement

(57) Plug for a connector assembly, consisting of a plug and an accompanying mating plug, the plug having a connector housing (20) on which a locking latch (10) is arranged which, during the mating of the connector

assembly, the locking latch comes into contact with a portion of the mating plug, whereby the locking latch is designed as a separate part which can be connected to the housing.

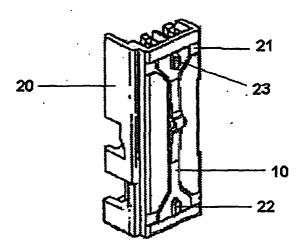


Fig. 2



EUROPEAN SEARCH REPORT

Application Number EP 01 11 8678

	DOCUMENTS CONSID			5-4	0, 100, 100, 100, 100, 100, 100, 100, 1
Category	Citation of document with it of relevant pass	ndication, where appropriate, sages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Х	US 5 762 514 A (LON		T AL)	1	H01R13/627
Α	9 June 1998 (1998-0 * the whole documen			2-10	
χ	FR 2 753 573 A (F R 20 March 1998 (1998			1	
Α	* abstract; claims;			2-10	
X	FR 2 453 513 A (CIT 31 October 1980 (19			1	
Α	* abstract; claims;			2-10	
X	US 3 544 951 A (ROB 1 December 1970 (19 * claims; figures *	70-12-01)		1	
χ	US 3 101 230 A (EWA			1	
Α	20 August 1963 (196 * claims; figures *			2-10	
A	FR 2 779 780 A (FRA FRANCE) 17 December * claims; figures *	1999 (1999-12-17)		1-10	TECHNICAL FIELDS SEARCHED (Int.CI.7)
	The present search report has				
	Place of search THE HAGUE	Date of completion of the 24 Septembe		Bur	examiner and, F
X : part Y : part doci A : tech O : nor	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotument of the same category innological background inwritten disclosure rmediate document	T: theory E: earlier after th her D: docum L: docum	or principle patent doc e filing date ent cited in ent cited fo	e underlying the nument, but public enthe application or other reasons	invention ished on, or

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 11 8678

This annex lists the patent family members relating to the patent documents cited in the above–mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-09-2003

	Patent documer cited in search rep		Publication date		Patent family member(s)	Publication date
US	5762514	Α	09-06-1998	GB JP	2325093 A ,B 10247555 A	11-11-1998 14-09-1998
FR	2753573	Α	20-0,3-1998	FR	2753573 A1	20-03-1998
FR	2453513	Α	31-10-1980	FR	2453513 A1	31-10-198
US	3544951	Α	01-12-1970	NONE		. — — — — — — — — — — — — — — — — — — —
US	3101230	Α	20-08-1963	NONE		. — — — — — — — — — — — — — — — — — — —
FR	2779780	Α	17-12-1999	FR	2779780 A1	17-12-199