

(19)



Europäisches Patentamt  
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(11) Publication number:

**0 508 196 A3**

(12)

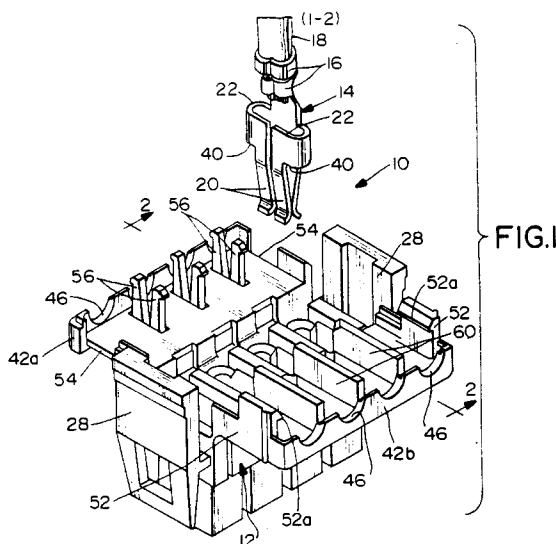
**EUROPEAN PATENT APPLICATION**(21) Application number: **92104949.0**(51) Int. Cl.<sup>5</sup>: **H01R 13/422**(22) Date of filing: **21.03.92**(30) Priority: **09.04.91 US 682819**(43) Date of publication of application:  
**14.10.92 Bulletin 92/42**(84) Designated Contracting States:  
**DE GB IT**(88) Date of deferred publication of the search report:  
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(54) **Electrical power connector.**

(57) An electrical connector (10) is provided with a dielectric housing (12) having a forward mating end (24) and a rear terminating end (26). The forward mating end has at least one terminal receiving cavity 932). A terminal (14) is received in the cavity for connection to a complementary terminal of an appropriate mating connector when the mating connector is coupled to the mating end of the housing. The terminal (14) is terminated to a conductor projecting from the rear terminating end (26) of the housing. The rear terminating end of the housing is provided substantially entirely by a pair of clam-shell members (42a, 42b) movably mounted on the forward end of the housing for movement between an open condition to allow the terminal easily to be inserted into the cavity (32) and a closed condition securely encapsulating the inserted terminal. Complementary interengaging retaining portions (48) are provided on at least one of the clam-shell members for holding the terminal (14) in the cavity (32) when the clam-shell members are in their closed condition. Complementary interengaging latches (56, 58) are provided between the clam-shell members for latching the clam-shell members in their closed condition.

**FIG.1**



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## EUROPEAN SEARCH REPORT

Application Number

EP 92 10 4949

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.5)
Y	GB-A-2 177 855 (SHINAGAWA SHOKO) * page 1, line 120 - page 3, line 42; figures 3-21 *	1,5,6	H01R13/422
Y	---		
Y	US-A-4 017 141 (BURY ET AL.)	1,5,6	
A	* column 2, line 65 - column 9, line 16; figures 15,16 *	2-4	
Y	---		
Y	FR-A-2 445 632 (PRECISION MEC. LABINAL)	1,5,6	
A	* figures 1-5 *	2,3	
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			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 OCTOBER 1992	Examiner DEMOLDER J.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			