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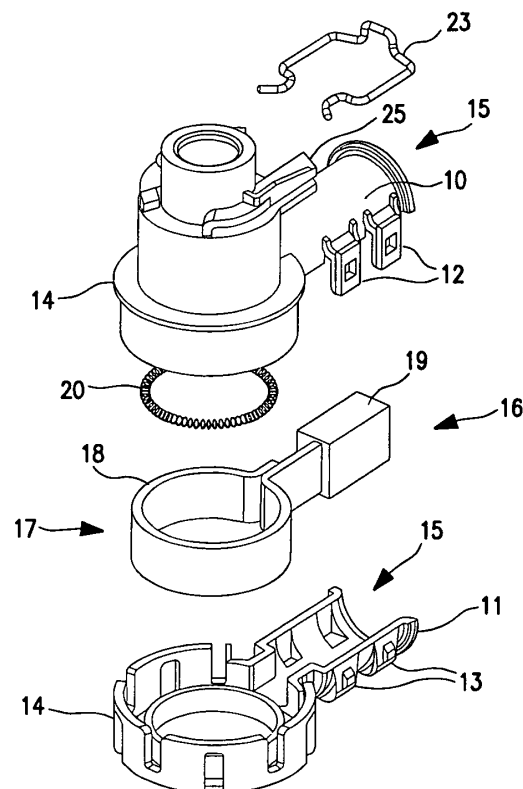
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(54) **Plug connector for connection with a battery terminal**

(57) The invention relates to a plug connector for making an electrical connection with a battery terminal. The plug connector comprises a housing formed by joining an upper shell and a lower shell with a contact lying within the housing. The contact has a helical spring contact and a contact strip bent to form a cylindrical region. The upper shell and the lower shell each have a holding element extending within the cylindrical region formed by the contact strip, in order to form a recess for holding the helical spring contact.



**FIG. 4**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 04 00 0754

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)
A	DE 197 18 448 A1 (HTS-ELEKTROTECHNIK GMBH, 53819 NEUNKIRCHEN-SEELSCHIED, DE) 5 November 1998 (1998-11-05) * the whole document * -----	1	H01R11/28
			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 2 May 2005	Examiner Corrales, D
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

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

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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  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19718448	A1	05-11-1998	NONE
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82