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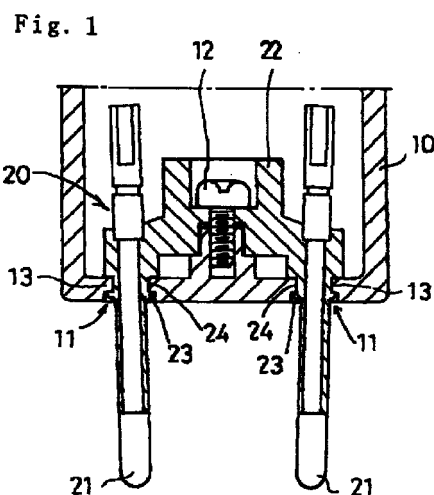
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(54) **AC power plug assembly**

(57) AC plug assembly adapted for a housing (10) of electric device made of insulating plastic material which is provided with two openings (11). This plug assembly comprises a pin block (20) including a connecting member (22) and a pair of plug pins (21) integrally formed in the connecting member (22) to permit the plug pins (21) to be protruded out of the housing through the openings (11) formed in the housing (10). The pin block (20) is preferably fixed to the housing by engaging between a first engaging section formed in the connecting member (22) in the vicinity of the base portion of the plug pin (21) and a second engaging section formed in the opening (11) of the housing. The first engaging section is preferably composed of a flange (23) and an annular groove (24). The second engaging section is preferably formed in an annular internal edge (13). These annular groove (24) and annular internal edge (13) can be fit with each other to prevent the plug pins (21) from falling off. Further, the connecting member (22) is fixed securely to the housing through a screw bolt (12).



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	US 5 328 387 A (HOFFMAN ERNEST G) 12 July 1994 (1994-07-12) * the whole document *	1-5	H01R13/512 H01R13/506 H01R13/502 H01R24/06
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			TECHNICAL FIELDS SEARCHED (Int.CI.7)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 9 October 2000	Examiner Salojärvi, K
CATEGORY OF CITED DOCUMENTS 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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