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(54) **Plug-in power supply adapter.**

(57) A power supply adapter (10) for plug-in connection to a standard AC power supply socket (17) to provide a DC voltage to an associated electronic instrument. The adapter (10) comprises a relatively compact case having an end face (38) with a plurality of conductive pins ((40) for plug-in connection to one socket (17), of a standard multi-point wall outlet. An AC adapter (32) assembly including a transformer (34), a capacitor (42) and a rectifier (44) is mounted within the adapter case with these components arranged generally in-line between the pins (40) and a power cord (16) adapted for connection to the associated electronic instrument. The adapter case further includes a mounting clip (64) for convenient removable connection to the associated electronic instrument when the power supply adapter (10) is not in use.

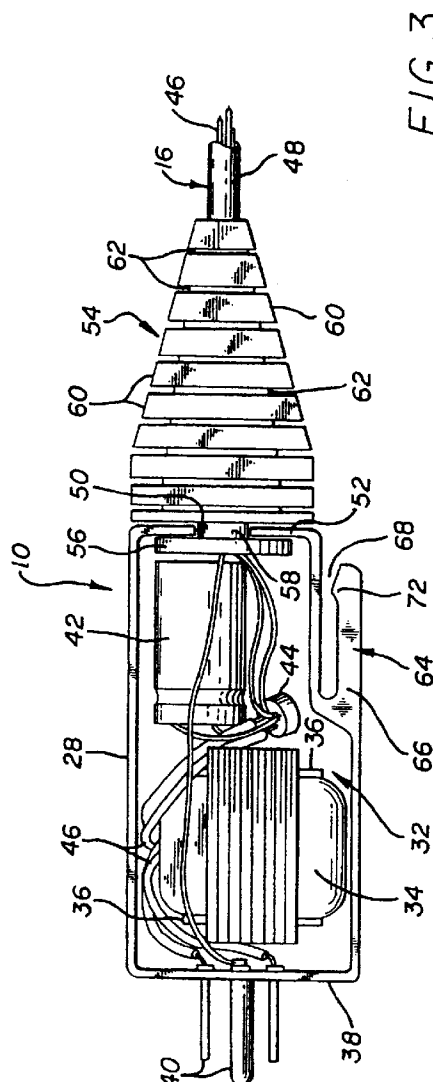


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

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EP 91 31 1968

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)
X	US-A-4 273 406 (OKAGAMI)	1	H02M7/00
A	* the whole document *	3,7	H01R13/66
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X	FR-A-902 735 (FRANCOIS COROLLER)	1,2	H01R13/60
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X	FR-A-1 587 175 (DYNAMIC INSTRUMENT CORP)	1	
A	* page 1, line 41 - page 3, line 35; figures 1-3 *	3	

A	FR-A-1 347 470 (JEAN-ROBERT GRIMAUD)	4-6	
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A	GB-A-1 186 803 (KABEL- UND METALLWERKE GUTEHOFFNUNGSHÜTTE AG)	8-10	
	* the whole document *		

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R H02M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04 AUGUST 1992	Examiner TAPPEINER R.
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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