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(54) **Woven electric heater.**

(57) The woven electric heater comprises warp (1) and weft (2) from electric current-insulating material, interwoven with formation of background (3) and selvage (4). Worked into background (3) is the weft from current-conductive material with formation of heating portions (6) and insulating strips (7). The weft (5) yarn from current-conductive material and the current-carrying strand (8) have complete insulation cover, and their contact is secured by means of commutative elements (9) fixed between the heating portions (6). The warp (1) yarn has length shrinkage with 0.01-5% at 25 to 120 degrees C, while the weft (2) yarn is manufactured from material retaining its geometrical pattern in heating conditions.

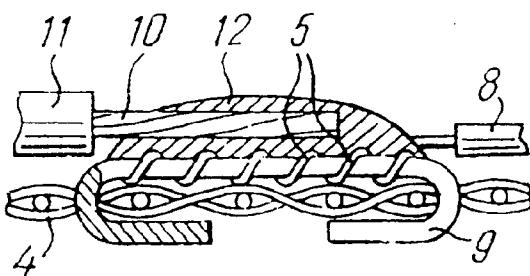


FIG. 2



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 92 30 1656

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	US-A-3 689 994 (E.S. STODDARD) * column 3, line 52 - column 6, line 31; figures 3-5 *	1	H05B3/34
A	GB-A-1 194 591 (THE ENGLISH ELECTRIC COMPANY LTD.) * page 1, line 59 - page 2, line 42; figures 1,2 *	1	
A	FR-A-1 548 880 (MATSUSHITA ELECTRIC INDUSTRIAL CO.)	---	
A	EP-A-0 243 504 (TORAY INDUSTRIES INC.)	---	
A	DE-A-2 229 808 (FA. PETER AUGUST LÜCKENHAUS)	---	
A	DE-A-2 611 838 (SEB S.A.)	-----	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H05B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	29 APRIL 1993	ALBERTSSON E.G.	
CATEGORY OF CITED DOCUMENTS		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	
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			