

United States Patent [19]

Gurevich

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[54]	FABRIC HEATING ELEMENT AND METHOD OF MANUFACTURE				
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[57] **ABSTRACT**

A soft and flexible thin heating element made of electrically conductive carbon carrying fabric coated with a soft stabilizing material. The heating element is shaped by curing the soft stabilizing material and cutting the coated fabric into a desired pattern. The electrical contacts are attached to the ends of the heating element core, which are electrically connected in parallel or in series. The fabric heating element core is sealed to form a multi-layer assembly comprising of at least two electrically insulating layers which envelop each strip of the heating element core. A method of producing the soft and flexible heating element is also disclosed.

1 Claim, 4 Drawing Sheets

