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(57) **ABSTRACT**

An electric heating apparatus includes a PTC heating device comprising at least one PTC element and electric conductor tracks which are connected to the PTC element in an electrically conductive manner, and a housing which receives the PTC heating device and on which inlet and outlet openings for a fluid to be heated are exposed. A helically-shaped tube is provided in the housing and connects the inlet opening to the outlet opening and is coupled to the PTC heating device in a thermally conductive manner.

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