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Katefidis

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(54) **DEVICE FOR CONTROLLING THE TEMPERATURE OF OBJECTS**

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See application file for complete search history.

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(57) **ABSTRACT**

A temperature-controlling tunnel is accommodated in a housing and defines at least one tunnel portion, which comprises at least one air outlet and at least one air inlet. The tunnel portion is paired with a heater assembly in which a hot primary gas can be generated by means of a burner unit. The hot primary gas can be conducted into a heat exchanger of the heater assembly, and tunnel air can be heated in the heat exchanger by means of the hot primary gas and fed back to the tunnel portion via the at least one air inlet in a circuit as a circulating air flow. A burner supply device is provided by means of which exhaust air from the tunnel portion can be fed to the burner unit of the heater assembly as a burner air flow in order to generate the primary gas.

10 Claims, 3 Drawing Sheets

