

Title (en)

Condensation clothes dryer with a heat pump and auxiliary resistance heater

Title (de)

Kondensationwäschetrockner mit Wärmepumpe und zusätzlicher Widerstandheizung

Title (fr)

Sèche-linge à condensation avec pompe à chaleur et chauffage auxiliaire par résistance

Publication

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Application

EP 01104870 A 20010228

Priority

DE 10022613 A 20000509

Abstract (en)

The invention concerns a condensation clothes dryer with a heat pump and a closed process air circuit that proceeds from a dryer drum and returns to it via an evaporator, blower and a condenser as well as an auxiliary resistance heater. The heat pump circuit for the cold-start, heating and operating phase is automatically adapted without program-controlled changes in the heat output and without overload protection as follows: The auxiliary resistance heater consists of one or more semiconductor resistors that heat the coolant for the condenser of the heat pump circuit.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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