

Title (en)

Arrangement to supply a resistive load of a household appliance and method for feeding a resistive load of a household appliance

Title (de)

Anordnung zur Speisung einer ohmschen Last eines Haushaltsgeräts und Verfahren zur Speisung einer ohmschen Last eines Haushaltsgeräts

Title (fr)

Dispositif et procédé pour alimenter une charge résistive d'un appareil ménager

Publication

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Application

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Priority

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Abstract (en)

The present invention describes a circuit arrangement (2000) for controlling the power of a resistive load of a household appliance such as a top heater (4150), a bottom heater (4200) and a grill (4100). The power is supplied asymmetrically to the respective resistive loads by using a diode (2120) that is e.g. serially connected to one of the resistive loads. In this manner, a simple configuration is provided that can be used in household appliances. According to measurements it saves power and is pricewise and technically competitive in comparison to electromechanical thermostats.

IPC 8 full level

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Citation (applicant)

US 4196330 A 19800401 - PAYNE THOMAS R [US]

Citation (search report)

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Designated contracting state (EPC)

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