

Title (en)
Improvements in electric hotplates.

Title (de)
Elektrische Kochplatten.

Title (fr)
Plaques de cuisinière.

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Application
EP 90301684 A 19900216

Priority
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Abstract (en)
An electric hotplate for use in a cooker hob comprises a pair of resistive heating elements, R1, R2, having a high positive temperature coefficient of resistance. A relay in series with R2, has its operating coil in series with a temperature sensing resistor T, also having a high positive temperature coefficient of resistance, and connected between the supply terminals by a switch S3, which closes when the energy regulating device S2 is first turned on. In operation, the relay contacts remain open until the hotplate has begun to warm up, so that initial heating is by current through R1 alone. The invention is applicable to hotplates comprising a vitreous enamelled metal plate on which the elements are deposited as resistive films.
<IMAGE>

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