

Title (en)

HOB COMPRISING A TEMPERATURE SENSOR

Title (de)

KOCHFELD MIT EINEM TEMPERATURSENSOR

Title (fr)

PLAQUE DE CUISSON DOTEE D'UN CAPTEUR DE TEMPERATURE

Publication

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Application

EP 10721505 A 20100527

Priority

- EP 2010057323 W 20100527
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Abstract (en)

[origin: WO2010139598A1] The invention relates to a hob comprising at least one heating zone (10), a temperature sensor (12) for detecting the temperature of a cookware element (14) placed on the heating zone (10), and a control unit (16) for operating the heating zone, wherein the control unit (16) is designed to heat up the cookware element (14) in a heat-up phase (26) and to control the temperature of the cookware element (14) to a target temperature (TS) in a holding phase (32) in at least one operating mode. In order to enable an energy-saving simmer operation, it is proposed that the control unit (16) be designed to detect a boiling point (TB) of the liquid contained in the cookware element (14) during the heat-up phase (26) and to determine the target temperature (TS) according to the boiling point (TB).

IPC 8 full level

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