

Title (en)

AN APPARATUS FOR CONTROLLING THE OPERATING TEMPERATURE OF A COOKING ZONE

Title (de)

GERÄT ZUR REGELUNG DER ARBEITSTEMPERATUR IN EINEM KOCHFELD

Title (fr)

DISPOSITIF DE COMMANDE DE TEMPERATURE DE FONCTIONNEMENT DANS UNE ZONE DE CUISSON

Publication

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Application

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Abstract (en)

[origin: WO9516230A1] Pot detection, determination of type of pot, and determination of a fault condition may be performed by suitable signal processing and statistics on the measurements of thermal radiation from the top, possibly vitroceramic, surface of a cooking zone. The measurements are converted to indicators of thermal load over time on the radiating elements and classified according to stored limits possibly determined during calibration runs. The power supplied to the heating elements is used as a correction factor.

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