

Title (en)

METHOD FOR GENERATING PROCESSING AND ANALYSING A SIGNAL CORRELATED TO TEMPERATURE AND CORRESPONDING DEVICE

Title (de)

VERFAHREN ZUM ERZEUGEN, VERARBEITEN UND AUSWERTEN EINES MIT DER TEMPERATUR KORRELIERTEN SIGNALS UND ENTSPRECHENDE VORRICHTUNG

Title (fr)

PROCÉDÉ DE PRODUCTION, DE TRAITEMENT ET D'ÉVALUATION D'UN SIGNAL EN CORRÉLATION AVEC LA TEMPÉRATURE, ET DISPOSITIF CORRESPONDANT

Publication

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Application

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Priority

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Abstract (en)

[origin: US2009294433A1] According to the invention, an improved analysis method for temperature monitoring of a hotplate (11) as a cooker with a temperature sensor (S) may be achieved by means of differentiating once over time and inverting the electronically interrogated temperature signal (T). The result of the inversion is raised to the power of 2/3 to give an output value (A). This output value is used in further processing wherein, in the second processing, the output value is compared with stored values for an output value for defined events. The recording of the output value (A) occurs for a maximum time of up to 300 seconds after starting a cooking process, advantageously 60 to 120 seconds, and then said recording and analysis is terminated.

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