

Title (en)

METHOD AND DEVICE FOR CONTROLLING COOKING PROCESSES IN A COOKING CHAMBER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REGELUNG VON GARVORGÄNGEN IN EINEM GARRAUM

Title (fr)

PROCEDE ET DISPOSITIF DE REGLAGE DE PROCESSUS DE CUISSON DANS UNE CHAMBRE DE CUISSON

Publication

EP 1856452 B1 20101103 (DE)

Application

EP 06707265 A 20060224

Priority

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Abstract (en)

[origin: US2008008808A1] A control method for an oven comprises the steps of determination of the food product, reading out of a corresponding vector from a memory, whereby the vector is at least two-dimensional and previously empirically determined, with a time value and a scalar value, recording the concentration of a gas characteristic of the cooking product by means of a gas sensor, recording a first point, at which the time curve for the gas concentration has the absolute greatest gradient, storage of the same and the corresponding time, recording a second point, at which the time curve of the gas concentration has a zero gradient and storing the corresponding time, determination of the gradient of the straight line through the first and second points, calculation of the cooking duration by multiplication of the straight line gradient by the scalar value and addition of the time value of the vector.

IPC 8 full level

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