

Title (en)

Induction cooking hob and method for determining the temperature of the base of a cooking container

Title (de)

Induktionskochmulde und Verfahren zur Ermittlung einer Temperatur eines Bodens eines Zubereitungsbehälters

Title (fr)

Table de cuisson à induction et procédé de calcul d'une température d'un sol d'un récipient de préparation

Publication

EP 1865754 A3 20090211 (DE)

Application

EP 07108901 A 20070525

Priority

DE 102006026907 A 20060609

Abstract (en)

[origin: EP1865754A2] The pan has two sensors arranged in such a manner that local detection areas (12a) are completely overlapped. A sensor (11) and another sensor as an infrared sensor (12) are arranged on a base (31) turned on the rear side of the preparing zone (2b). The sensor is attached to the base. The two sensors are arranged by an induction device (4) shielded for inductive heating of the preparing zone. An independent claim is also included for a method for determining the temperature of a preparing container base.

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01); **H05B 2213/07** (2013.01)

Citation (search report)

- [YD] JP H03208288 A 19910911 - MATSUSHITA ELECTRIC IND CO LTD
- [Y] JP 2001065870 A 20010316 - TOSHIBA CORP
- [A] JP 2005011618 A 20050113 - MATSUSHITA ELECTRIC IND CO LTD
- [AD] JP 2003347028 A 20031205 - MATSUSHITA ELECTRIC IND CO LTD

Cited by

FR2932640A1; EP3515154A1; US2015253014A1; US9976751B2; WO2014033593A3; US8754351B2; US9006622B2; US8598497B2; US9131537B2; EP2775792B1; EP2796791B1; EP2775784B1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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