

Title (en)

Method for supplying power to at least one induction unit and cooking device implementing said method

Title (de)

Verfahren zur Stromversorgung mit der Leistung von mindestens einem Induktor und Kochgerät, bei dem dieses Verfahren umgesetzt ist

Title (fr)

Procédé d'alimentation en puissance d'au moins un inducteur et appareil de cuisson mettant en oeuvre ledit procédé

Publication

EP 2200399 B1 20110810 (FR)

Application

EP 09290982 A 20091221

Priority

FR 0858976 A 20081222

Abstract (en)

[origin: EP2200399A1] The method involves analyzing an inductor associated with a container to be heated to determine a function between the instantaneous power supplied to the inductor and a cutting period of a signal generated by a frequency generator controlling an inverter. The inductor analysis is carried out by measurements implemented for a sample of setpoint power values assigned to the inductor, where the sample of setpoint power values includes minimum setpoint power value and a maximum setpoint power value. An independent claim is also included for an electric cooking appliance comprising two boiling plates respectively comprising two inductors mounted in parallel in a single phase of an electrical power supply.

IPC 8 full level

H05B 6/06 (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01)

Cited by

ES2400528R1; EP2498576B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2200399 A1 20100623; EP 2200399 B1 20110810; AT E520280 T1 20110815; ES 2370297 T3 20111214; PL 2200399 T3 20120131

DOCDB simple family (application)

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