

Title (en)

Method for controlling the operation of a set of induction units of an induction cooktop and associated induction cooktop

Title (de)

Steuerverfahren bei Betrieb einer Reihe von Induktoren eines Induktionskochfeldes, und zugehöriges Induktionskochfeld

Title (fr)

Procédé de commande en fonctionnement d'un ensemble d'inducteurs d'une table de cuisson à induction et table de cuisson à induction associée

Publication

EP 2440012 A3 20121107 (FR)

Application

EP 11184065 A 20111006

Priority

FR 1003984 A 20101007

Abstract (en)

[origin: EP2440012A2] The method involves detecting a heating zone (Z1), and controlling the detected heating zone with a heat-setpoint value. A new container is inserted on a cooking surface (3). A new heating zone (Z2) is detected on the cooking surface constituted of a subset of induction units (2) partially covered by the new container. The detected new heating zone is controlled with the heat-setpoint value applied for the set of heating zones of the cooking surface. An independent claim is also included for an induction cooktop comprising a set of induction units.

IPC 8 full level

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

CPC (source: EP)

H05B 6/062 (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/05** (2013.01)

Citation (search report)

- [X] JP 2010205720 A 20100916 - PANASONIC CORP
- [XD] FR 2863039 A1 20050603 - BRANDT IND [FR]
- [X] EP 1610590 A1 20051228 - BRANDT IND [FR]
- [A] FR 2895639 A1 20070629 - BRANDT IND SAS [FR]

Cited by

EP2941091A1; CN106233074A; US10136479B2; EP4021144A1; FR3118389A1; WO2015165694A1; US11064574B2; US11700675B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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