

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 B1 20160803 (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)

Cited by

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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2440012 A2 20120411**; **EP 2440012 A3 20121107**; **EP 2440012 B1 20160803**; ES 2600875 T3 20170213; FR 2966005 A1 20120413; FR 2966005 B1 20151106

DOCDB simple family (application)

**EP 11184065 A 20111006**; ES 11184065 T 20111006; FR 1003984 A 20101007