

Title (en)

Method for detecting at least one cooking area in a cooktop

Title (de)

Verfahren zur Erkennung von mindestens einem Kochbereich auf einem Kochfeld

Title (fr)

Procédé de détection d'au moins une zone de cuisson dans une table de cuisson

Publication

EP 2445310 A3 20130102 (FR)

Application

EP 11186087 A 20111021

Priority

FR 1004136 A 20101021

Abstract (en)

[origin: EP2445310A2] The method involves partially covering a set of heating units (200, 300) i.e. inductors, by a container (R10), and identifying the set of heating units partially covered by the container positioned on a cooking surface. Cooking areas (Z10, Z11) are characterized in the identified set of heating units. The heating units forming a boundary between the cooking areas associated respectively to the container and other containers (R11, R12) are determined. The heating units are distributed based on the heating units forming the boundary. An independent claim is also included for a cook top comprising a set of heating units distributed along a bi-dimensional frame under a cooking surface.

IPC 8 full level

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] EP 2242328 A2 20101020 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] WO 2009016124 A1 20090205 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [XD] FR 2863039 A1 20050603 - BRANDT IND [FR]
- [XP] WO 2010118943 A1 20101021 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Cited by

EP2703728A1; US11596030B2; 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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