

Title (en)

Method for detecting cooking cutlery on a matrix hob

Title (de)

Verfahren zum Detektieren von Kochgeschirrelementen auf einem Matrix-Kochfeld

Title (fr)

Procédé de détection d'éléments de vaisselle de cuisson sur un champ de cuisson à matrice

Publication

**EP 2242328 A3 20110119 (DE)**

Application

**EP 10158908 A 20100401**

Priority

ES 200930072 A 20090417

Abstract (en)

[origin: EP2242328A2] The method involves generating a representation of a bottom area of multiple cookware elements i.e. cooking pots (12, 14) arranged side by side, or one of the cookware element placed on a matrix-hob i.e. matrix-induction hob. A continuous area (28) in the representation is classified depending on a shape and/or size of the continuous area. A pot separation algorithm is applied with a result of classification so as to distinguish surface areas of the continuous area, where the surface areas are generated by the single cookware element. An independent claim is also included for a matrix-hob comprising a control unit.

IPC 8 full level

**H05B 3/74** (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP ES)

**H05B 3/74** (2013.01 - EP); **H05B 6/06** (2013.01 - ES); **H05B 6/062** (2013.01 - EP); **H05B 2213/03** (2013.01 - EP); **H05B 2213/05** (2013.01 - EP)

Citation (search report)

- [A] EP 2034799 A1 20090311 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] WO 2008122495 A1 20081016 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] EP 1206164 A2 20020515 - WHIRLPOOL CO [US]
- [A] WO 2006072388 A1 20060713 - EGO ELEKTRO GERAETEBAU GMBH [DE], et al
- [A] WO 9719298 A1 19970529 - ELECTROLUX AB [SE], et al

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EP3920663A1; EP3920662A1; WO2023110674A1; DE102014111899A1; DE102014110026B4; DE102019115192A1; DE102015118453A1; DE102015118453B4; EP2600690A3; EP2600691A3; US11617236B2; DE102012204546A1; EP2688366A1; US10085304B2; EP2988573A1; US11596030B2; EP4021144A1; FR3118389A1; EP3432684A1; FR2966690A1; EP2445310A3; WO2015015360A1; WO2013136218A1; EP3028536B1; EP2688365B1; EP3013120B1; EP3013120B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2242328 A2 20101020**; **EP 2242328 A3 20110119**; **EP 2242328 B1 20120620**; ES 2362839 A1 20110714; ES 2362839 B1 20120522; ES 2387642 T3 20120927

DOCDB simple family (application)

**EP 10158908 A 20100401**; ES 10158908 T 20100401; ES 200930072 A 20090417