

Title (en)

Hotplate and method for operating a hotplate

Title (de)

Kochfeld und Verfahren zum Betreiben eines Kochfelds

Title (fr)

Champ de cuisson et procédé destiné au fonctionnement d'un champ de cuisson

Publication

**EP 2242329 A3 20110112 (DE)**

Application

**EP 10157626 A 20100324**

Priority

ES 200930064 A 20090414

Abstract (en)

[origin: EP2242329A2] The hob has energy transmission elements e.g. induction elements, activated independent of each other and arranged below a cooking plate (15). The energy transmission elements are provided with a pot detector. A marking (13) is provided for each energy transmission element at the cooking plate. The energy transmission elements are partially distributed in a flat pattern with a 3-fold symmetry on a surface of the cooking plate. The pattern exhibits an elementary cell in form of an isosceles triangle. Another marking is provided for the elementary cell at the cooking plate. An independent claim is also included for a method for operating a hob.

IPC 8 full level

**H05B 6/06** (2006.01); **H05B 3/74** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP ES)

**H05B 3/74** (2013.01 - EP); **H05B 6/1209** (2013.01 - EP ES); **H05B 2213/03** (2013.01 - EP)

Citation (search report)

- [X] JP 2006230517 A 20060907 - CLEANUP CORP
- [X] JP 2009016251 A 20090122 - FUJIMAK CORP, et al
- [A] WO 2006072388 A1 20060713 - EGO ELEKTRO GERAETEBAU GMBH [DE], et al
- [A] EP 1575336 A1 20050914 - BRANDT IND SAS [FR]
- [A] EP 1858300 A1 20071121 - ELECTROLUX HOME PROD CORP [BE]

Cited by

EP3920662A1; DE102021117876A1; US11596030B2

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 2242329 A2 20101020**; **EP 2242329 A3 20110112**; **EP 2242329 B1 20150729**; ES 2363666 A1 20110811; ES 2363666 B1 20120904; ES 2545327 T3 20150910

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**EP 10157626 A 20100324**; ES 10157626 T 20100324; ES 200930064 A 20090414