

Title (en)
HOTPLATE DEVICE

Title (de)
KOCHFELDVORRICHTUNG

Title (fr)
PLAQUE DE CUISSON

Publication
EP 3001772 B1 20171115 (DE)

Application
EP 15183229 A 20150901

Priority
ES 201431392 A 20140924

Abstract (en)
[origin: ES2564849A1] In order to provide a generic cooking field device with better properties in terms of comfort for the user, a cooking field device is proposed, namely an induction cooking field device, with two or more elements of heating (12a-b) defining a variable area of cooking surface (14a-b), and with a control unit (16a-b) that, if two or more cooking batteries are used (18a-b, 20a-b, 22b) in the variable area of cooking surface (14a-b), is provided in at least one operating state to put into operation a first cooking battery (18a-b) of the two or more cooking batteries (18a-b, 20a-b, 22b) in a power-movement heating mode in which the control unit (16a-b) is provided for heating the first cooking battery (18a-b) with different densities of the heating power depending on the position of the first cooking battery (18a-b) in the variable surface area of cooking (14a-b), and to put into operation a second cooking battery (20a-b) of the two or more cooking batteries (18a-b, 20a-b, 22b) in a normal heating mode. (Machine-translation by Google Translate, not legally binding)

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP ES)
H05B 6/06 (2013.01 - ES); **H05B 6/062** (2013.01 - EP); **H05B 2213/03** (2013.01 - EP); **H05B 2213/05** (2013.01 - EP)

Cited by
EP3945749A1; EP3723451A1; CN109407723A; EP4250872A1; BE1031107B1; EP3297397A1; ES2719152A1; ES2719156A1; EP4383944A1; US11209172B2; WO2023180045A1; EP3509392A1; DE102020200694B4; DE102020209648A1; US11553564B2; US11917742B2; EP3509392B1; EP3297397B1

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 3001772 A1 20160330; EP 3001772 B1 20171115; ES 2564849 A1 20160329; ES 2564849 B1 20170112; ES 2649159 T3 20180110

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EP 15183229 A 20150901; ES 15183229 T 20150901; ES 201431392 A 20140924