

Title (en)

COOKING HOB DEVICE AND METHOD FOR OPERATING A COOKING HOB DEVICE

Title (de)

KOCHFELDVORRICHTUNG UND VERFAHREN ZUM BETRIEB EINER KOCHFELDVORRICHTUNG

Title (fr)

DISPOSITIF DE PLAQUE DE CUISSON ET PROCÉDÉ DESTINÉ AU FONCTIONNEMENT D'UNE PLAQUE DE CUISSON

Publication

EP 3030041 B1 20170913 (DE)

Application

EP 15195463 A 20151119

Priority

ES 201431791 A 20141203

Abstract (en)

[origin: ES2573144A1] The invention relates to a cooking field device with one or more heating modules (10a; 10b), with one or more inverters (12a; 12b) comprising two or more inverter switches (14a, 16a; 14b, 16b)), and are intended to supply at least one heating current (ior), with one or more resonant capacities (18a, 18b, 20b) assigned to the heating module (s) (10a; 10b), with one or more capacity voltage measuring units (22a; 22b) that are provided for measuring the capacity voltage (vc) of the resonant capacity (18a; 18b, 20b), and with at least one control unit (24a; 24b). In order to increase the efficiency of the cooking field device, it is proposed that the control unit (24a; 24b) be provided for determining in one or more operating states the power supplied (por) of the heating module (10a; 10b) from the capacity voltage (vc). (Machine-translation by Google Translate, not legally binding)

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP ES)

H05B 6/02 (2013.01 - ES); **H05B 6/062** (2013.01 - EP)

Cited by

EP3337293A1; EP3534673A1; WO2020229335A1

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 3030041 A1 20160608; EP 3030041 B1 20170913; ES 2573144 A1 20160606; ES 2573144 B1 20170316; ES 2643542 T3 20171123

DOCDB simple family (application)

EP 15195463 A 20151119; ES 15195463 T 20151119; ES 201431791 A 20141203