

Title (en)

Cooking apparatus and method for visual display of a temperature on a cooking appliance

Title (de)

Kochvorrichtung und Verfahren zur optischen Temperaturanzeige an einer Kochvorrichtung

Title (fr)

Dispositif de cuisson et procédé d'affichage optique de la température sur un dispositif de cuisson

Publication

EP 2587166 B1 20170809 (DE)

Application

EP 12189547 A 20121023

Priority

DE 102011085117 A 20111024

Abstract (en)

[origin: EP2587166A2] The apparatus i.e. cook field (11), has a cook field plate (13) whose lower part (14) is provided with a heating device (18) i.e. induction heating device, for heating a cooking vessel that is provided on the cook field plate. An optical display device (20) is provided close to the heating device for displaying temperature under the cook field plate. The display device is fixed at a rear part of the cook field plate and made of thermochromic ink (24) and/or thermochromic material, which are not directly or inseparably attached to the cook field plate. The induction heating device is provided with an overlying insulator disk that is made of mica or ceramic material. The cook field plate is made of transparent glass ceramic. An independent claim is also included for a method for displaying optical temperature on a cooking apparatus.

IPC 8 full level

F24C 15/10 (2006.01); **F24C 7/08** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)

F24C 7/083 (2013.01); **F24C 15/10** (2013.01); **H05B 6/1218** (2013.01)

Citation (examination)

DD 258511 A1 19880720 - ELEKTROGERAETE INGBUERO VEB [DD]

Cited by

EP2816292A1; EP3557943A1; DE102014018464A1; WO2019201590A1; WO2024098621A1

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DOCDB simple family (publication)

EP 2587166 A2 20130501; **EP 2587166 A3 20130724**; **EP 2587166 B1 20170809**; DE 102011085117 A1 20130425; ES 2643841 T3 20171124; PL 2587166 T3 20180131

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