

Title (en)  
Hotplate device

Title (de)  
Kochfeldvorrichtung

Title (fr)  
Dispositif de champ de cuisson

Publication  
**EP 2688366 B1 20170118 (DE)**

Application  
**EP 13176009 A 20130711**

Priority  
ES 201231156 A 20120720

Abstract (en)  
[origin: EP2688366A1] The device comprises multiple inductors that are mounted on the cooking surfaces (12) in a direction perpendicular to the cooking surface direction. A pan detection unit is provided to detect a size, a shape and/or position of the cookware elements (18) mounted on the cooking surfaces. A control unit is provided for actuating the inductors mounted on the cooking surfaces. The control unit is provided to control a display element to indicate the positional area of the cookware elements covered with the inductors in the heating zones (24), to initiate a selection process. An independent claim is included for a method for operating a cooking device.

IPC 8 full level  
**H05B 6/06** (2006.01)

CPC (source: EP ES)  
**H05B 6/065** (2013.01 - EP); **H05B 6/12** (2013.01 - ES); **H05B 2213/03** (2013.01 - EP); **H05B 2213/05** (2013.01 - EP)

Citation (examination)  
• EP 2416621 A1 20120208 - SAMSUNG ELECTRONICS CO LTD [KR]  
• ES 2170033 A1 20020716 - BSH BALAY SA [ES]  
• EP 2395813 A1 20111214 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (opposition)  
Opponent : Electrolux Rothenburg GmbH Factory and Development  
• EP 2395813 A1 20111214 - SAMSUNG ELECTRONICS CO LTD [KR]  
• WO 2008122495 A1 20081016 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• WO 2009053279 A1 20090430 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• EP 2551600 A1 20130130 - FAGORBRANDT SAS [FR]  
• ES 2170033 A1 20020716 - BSH BALAY SA [ES]  
• EP 2416621 A1 20120208 - SAMSUNG ELECTRONICS CO LTD [KR]  
• EP 2258987 A2 20101208 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• WO 2010063539 A2 20100610 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• US 7759616 B2 20100720 - GOUARDO DIDIER [FR], et al  
• WO 9737515 A1 19971009 - KUSE KOLJA [DE]  
• DE 102009020905 A1 20101209 - DIEHL AKO STIFTUNG GMBH & CO [DE]

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• WO 2010063539 A2 20100610 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• US 7759616 B2 20100720 - GOUARDO DIDIER [FR], et al  
• WO 9737515 A1 19971009 - KUSE KOLJA [DE]  
• DE 102009020905 A1 20101209 - DIEHL AKO STIFTUNG GMBH & CO [DE]  
• DE 102010001002 A1 20100805 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• DE 69836478 T2 20071011 - FAGORBRANDT SAS [FR]

Opponent : Rau, Herr Albrecht  
• EP 2395813 A1 20111214 - SAMSUNG ELECTRONICS CO LTD [KR]  
• WO 2008122495 A1 20081016 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• WO 2009053279 A1 20090430 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al  
• EP 2551600 A1 20130130 - FAGORBRANDT SAS [FR]  
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• US 7759616 B2 20100720 - GOUARDO DIDIER [FR], et al  
• WO 9737515 A1 19971009 - KUSE KOLJA [DE]  
• DE 102009020905 A1 20101209 - DIEHL AKO STIFTUNG GMBH & CO [DE]  
• JP 2009231235 A 20091008 - MITSUBISHI ELECTRIC CORP, et al  
• JP 2004127821 A 20040422 - TIGER VACUUM BOTTLE CO LTD

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EP2837891A3; EP3445134A1; DE102019132486A1; DE102015118453A1; DE102015118453B4; EP3297400A4; EP2941091A1; CN106233074A; US10136479B2; EP4203608A1; EP3401605A1; WO2015165694A1; US11064574B2; US11700675B2; EP3390914B1; US11774107B2; WO2018206327A1; EP2980488B1; EP2980488B2; EP3028535B1; EP3028535B2

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 2688366 A1 20140122; EP 2688366 B1 20170118;** ES 2439418 A2 20140122; ES 2439418 B1 20150312; ES 2439418 R1 20140312;  
ES 2615428 T3 20170606

DOCDB simple family (application)

**EP 13176009 A 20130711;** ES 13176009 T 20130711; ES 201231156 A 20120720