

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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• 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
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• 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

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DOCDB simple family (publication)

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ES 2615428 T3 20170606

DOCDB simple family (application)

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