

Title (en)
Hotplate with sensors

Title (de)
Kochfeld mit Sensoren

Title (fr)
Champ de cuisson doté de capteurs

Publication
EP 2312908 B1 20170802 (DE)

Application
EP 10187083 A 20101011

Priority
• ES 200931011 A 20091118
• EP 09382204 A 20091013
• EP 10187083 A 20101011

Abstract (en)
[origin: EP2312908A1] The hob has heating elements (12a) i.e. inductors, arranged under a cover panel (10), and sensors (16) e.g. inductive-, capacitive- and/or optical sensors, for detecting a cooking utensil that is positioned on the cover panel. The sensors are arranged in a layer (18) between the cover panel and the heating elements, where a distance between the adjacent sensors is smaller than a distance between the adjacent heating elements. The heating elements and sensors arranged in corresponding patterns, and the sensors are attached on a rear side of the cover panel.

IPC 8 full level
H05B 6/06 (2006.01)

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

Cited by
WO2020152499A1; WO2022002587A1; EP3035772A1; EP3079443A1; US2016302263A1; DE102017221341A1; EP2988573A1; EP4203609A1; EP3422808A1; EP3422811A1; EP3422813A1; ES2754873A1; EP2981154A1; DE102014214795A1; EP3490338A1; CN106051846A; US11006485B2; EP3185647A1; EP3422809A1; ES2754821A1; US2021410238A1; EP4287770A1; US10433375B2; WO2021045494A1; US11178732B2; US11785680B2; US10869365B2; EP3026981A1; DE102014224051A1; ES2754877A1; EP3799527A1; DE102019214910A1; US11153938B2; US11770881B2; US11202345B2; EP2792951A3; US2021068208A1; EP3954179A4; WO2020079609A1; WO2018029002A1; WO2020079625A1; WO2020079611A1; US10271386B2

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 2312908 A1 20110420; EP 2312908 B1 20170802; ES 2376566 A1 20120315; ES 2376566 B1 20130129; ES 2639022 T3 20171025

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EP 10187083 A 20101011; ES 10187083 T 20101011; ES 200931011 A 20091118