

Title (en)

GAS BURNER ARRANGEMENT FOR A GAS-COOKING APPLIANCE WITH A THERMOCOUPLE AND METHOD FOR DETERMINING IF A COOKING VESSEL IS PLACED ABOVE THE GAS BURNER

Title (de)

GASBRENNERANORDNUNG FÜR EINE GASKOCHVORRICHTUNG MIT THERMOELEMENT UND VERFAHREN ZUR BESTIMMUNG OB EIN KOCHTOPF ÜBER DEM GASBRENNER ANGEORDNET IST

Title (fr)

SYSTÈME DE BRÛLEUR À GAZ POUR UNE CUISINIÈRE À GAZ AVEC UN THERMOCOUPLE ET PROCÉDÉ POUR DÉTERMINER SI UN USTENSILE DE CUISSON EST PLACÉ SUR LE BRÛLEUR À GAZ.

Publication

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Application

EP 15186148 A 20150922

Priority

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Abstract (en)

[origin: EP3147566A1] A gas burner arrangement (1) for a gas-cooking appliance (10), particularly a gas hob (10), comprising at least one gas burner (2) adapted to receive a fuel flow from a fuel supply (3) and for providing a fuel-supplied flame (4) to a cooking vessel (5), at least one support (6) arranged to support the cooking vessel (5) above the gas burner (2), particularly above the fuel-supplied flame (4), a thermocouple (7) adapted to generate a thermocouple signal (8) depending on the thermal state of said thermo-couple (7), and a control unit (9) connected to the thermocouple (7), the control unit (9) being adapted to receive the thermocouple signal (8) and to process said thermocouple signal (8) to an output signal, wherein the control unit (9) is capable of determining if the cooking vessel (5) is placed on the support (6), particularly above the fuel-supplied flame (4), dependent on the thermocouple signal (8).

IPC 8 full level

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