

Title (en)

Gas burner for a gas hob, gas hob and method for operating such a gas hob

Title (de)

Gasbrenner für ein Gaskochfeld und Gaskochfeld sowie Verfahren zum Betrieb eines solchen Gaskochfeldes

Title (fr)

Brûleur à gaz pour un champ de cuisson au gaz et champ de cuisson au gaz ainsi que procédé destiné au fonctionnement d'un tel champ de cuisson au gaz

Publication

EP 2444726 B1 20160406 (DE)

Application

EP 11186138 A 20111021

Priority

DE 102010042872 A 20101025

Abstract (en)

[origin: EP2444726A2] The burner (14) has a gas burner body (15) comprising gas outlet opening (16), where a disk type thermogenerator (25) is arranged above the gas burner body. The thermogenerator has same shape as a gas burner. The thermogenerator is held above the gas burner body by a flexible/resilient holding unit and pushed upward to bear against a lower face of a pot (30) that is located above the gas burner, where an abutment is subjected to action of a spring force. The gas burner openings are arranged in a plane, where the thermogenerator is arranged parallel to the plane of the burner openings. Independent claims are also included for the following: (1) a gas cooktop comprising a gas burner (2) a method for operating the gas cooktop.

IPC 8 full level

F23D 14/06 (2006.01); **F24C 3/12** (2006.01)

CPC (source: EP US)

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Citation (examination)

- US 2006172245 A1 20060803 - HU CAROLINE K [US], et al
- EP 2144004 A2 20100113 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Cited by

EP2840317A1; EP2711627A3; EP2998654A1; US9909763B2; WO2017076538A1

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DOCDB simple family (publication)

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EP 11186138 A 20111021; DE 102010042872 A 20101025; EP 16156130 A 20111021; ES 11186138 T 20111021; ES 16156130 T 20111021; TR 201820935 T 20111021; US 201113279757 A 20111024