

Title (en)

GAS BURNER ASSEMBLY FOR A GAS HOB, GAS HOB AND GAS OVEN

Title (de)

GASBRENNERANORDNUNG FÜR EINE GASKOCHMULDE, GASKOCHMULDE UND GASHERD

Title (fr)

ENSEMBLE BRÛLEUR POUR PLAN DE CUISSON FONCTIONNANT AU GAZ, PLAN DE CUISSON FONCTIONNANT AU GAZ ET GAZINIÈRE

Publication

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Application

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Priority

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- IB 2014063913 W 20140814

Abstract (en)

[origin: WO2015036880A1] The invention relates to a gas burner assembly (1) for a gas hob (2) with a gas burner (3), a gas line (4), which is designed for supplying gas to the gas burner (3), a gas control valve (5), which is attached to the gas line (4) and is designed for the infinitely variable control or shutting off of a gas volume flow to the gas burner (3), and a gas switching valve (11), which is attached to the gas line (4) downstream of the gas control valve (5) and can be switched according to choice between two different switching states, wherein the gas switching valve (11) has a constantly open fluid duct and a closable fluid duct, wherein, in a first switching state of the gas switching valve (11), the closable fluid duct is closed and a maximum gas volume flow to the gas burner (3) is restricted by a cross section of the always open fluid duct of the gas switching valve (11), and wherein, in a second switching state of the gas switching valve (11), the closable fluid duct is open and the maximum gas volume flow to the gas burner (3) is limited by a cross section of a burner nozzle (20) of the gas burner (3).

IPC 8 full level

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Citation (search report)

See references of WO 2015036880A1

Citation (examination)

- US 2008216810 A1 20080911 - CLAUSS STEPHANE [FR], et al
- US 3448923 A 19690610 - SAPONARA DOMENICK
- EP 0818655 A2 19980114 - GAGGENAU HAUSGERAETE GMBH [DE]
- EP 1010942 A2 20000621 - HONEYWELL INC [US]

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