

Title (en)

GAS VALVE UNIT FOR A DUAL CIRCUIT BURNER

Title (de)

GASVENTILEINHEIT FÜR EINEN ZWEIKREISBRENNER

Title (fr)

UNITÉ VANNE À GAZ POUR UN BRÛLEUR À DEUX CIRCUITS

Publication

**EP 2652398 A2 20131023 (DE)**

Application

**EP 11794700 A 20111207**

Priority

- EP 10290659 A 20101214
- EP 2011072024 W 20111207
- EP 11794700 A 20111207

Abstract (en)

[origin: WO2012080051A2] The subject matter of the invention is a gas valve unit for adjusting gas volume flows to a dual circuit gas burner (1) of a gas appliance, particularly a gas cooking appliance. The gas valve unit comprises a gas inlet (3) and two gas outlets (11, 12). According to the invention, the gas volume flow fed to the first gas outlet (11) can be adjusted in multiple stages. The gas volume flow fed to a second gas outlet (12) can be adjusted in multiple stages. The gas valve unit comprises at least two first on-off valves (15) and at least two first throttle points (17) for adjusting the gas volume flow fed to the first gas outlet (11). The gas valve unit further comprises at least two second on-off valves (16) and at least two second throttle points (18) for adjusting the gas volume flow fed to the second gas outlet (12). At least some of the on-off valves (15, 16) can be switched by means of magnetic force by positioning at least one magnetically active body (5, 6), and at least one first on-off valve (15.3) can be switched by means of a mechanical force acting on said first on-off valve (15.3).

IPC 8 full level

**F23D 14/06** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2012080051A2

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BA ME

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