

Title (en)
Gas burner arrangement for cooking hobs

Title (de)
Gasbrenneranordnung für Kochstellen

Title (fr)
Aménagement des brûleurs à gaz pour une surface de cuisson

Publication
EP 0926437 B1 20030702 (DE)

Application
EP 98124267 A 19981218

Priority
DE 19757733 A 19971223

Abstract (en)
[origin: EP0926437A1] The arrangement has a multi-circuit gas burner with an inner burner (6) with lateral gas-air mixture outlets and low burning power and an annular outer burner (7) with gas-air outlets and a manually operated gas fitting (5) for passing, dispensing and blocking the burner gas, which is fed into the multi-circuit burner via separate pipelines. The fitting has three gas channel branches which can be opened and closed by an actuating element (18) which can be set in various positions via valves. Two are open for a predefined gas throughput and one is designed for a variable throughput. One fixed throughput branch is associated with the inner burner and is open over the entire adjustment movement by the associated valve, starting from a null position, possibly after a first stage of the actuator setting. The other two branches are associated with the outer burner and are activated by a valve over a part of the adjustment movement which holds the first branch open.

IPC 1-7
F23D 14/58; **F24C 3/08**

IPC 8 full level
F23D 14/06 (2006.01); **F23D 14/58** (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP)
F23D 14/065 (2013.01); **F24C 3/085** (2013.01); **F23D 2900/14062** (2013.01)

Cited by
DE102008014841B4; US6619279B1; FR2804496A1; EP1120603A3; US6325619B2; US8307817B2

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