

Title (en)

CATALYTIC GAS COMBUSTION DEVICE FOR AN APPLIANCE FOR PERSONAL USE

Title (de)

KATALYTISCHE GASVERBRENNUNGSEINRICHTUNG FÜR EIN GERÄT DES PERSÖNLICHEN BEDARFS

Title (fr)

INSTALLATION DE COMBUSTION CATALYTIQUE DE GAZ DESTINEES A UN APPAREIL D'USAGE PERSONNEL

Publication

EP 1286607 B1 20040204 (DE)

Application

EP 01925428 A 20010313

Priority

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Abstract (en)

[origin: US2003138750A1] A catalytic gas combustion device for an appliance for personal use with a gas supply device and a catalyst connected to the gas supply device is disclosed. To ignite the gas/air mixture and therefore to initiate catalytic combustion at the catalyst, an ignition device which can be controlled by an ignition system is provided. The gas supply device has a bypass for branching off part of a gas stream which flows onto the ignition device. In this way, the ignition system is actuated even shortly after the gas valve device is opened, and the catalyst is brought to its operating temperature as a result of the explosion of the gas/air mixture.

IPC 1-7

A45D 1/02; **A45D 20/06**; **A45D 2/36**

IPC 8 full level

A45D 1/02 (2006.01); **A45D 2/36** (2006.01); **A45D 4/00** (2006.01); **A45D 20/06** (2006.01); **F23D 14/18** (2006.01)

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