

Title (en)  
CATALYSIS HEATING APPARATUS FOR GASEOUS FUEL

Publication  
**EP 0428646 B1 19930714 (FR)**

Application  
**EP 90906837 A 19900523**

Priority  
CH 193089 A 19890523

Abstract (en)  
[origin: WO9014557A1] A catalysis heating apparatus includes a catalytic combustion cell (1) and a reflector (11) made of two semi-circular sections (10) which form the seat for a partition (13). Spacers (9) create a gap between the combustion cell (1) and the reflector (11) and also accommodate an annular nozzle (12) placed at one end of a channel (20). The partition centre (13) holds a ventilator (16) which feeds air to said channel, while an electromagnetic valve (8) controls the input of gas to the combustion cell (1). The assembly is held together by a section (17) which comprises a grooved ring with an annular slot opening onto the inside, its two ends being fixed by rivets. A filtering compartment and a top (32) are mounted on said grooved ring.

IPC 1-7  
**F23D 14/18**; **F24C 1/10**

IPC 8 full level  
**F23D 14/18** (2006.01); **F24C 1/10** (2006.01)

CPC (source: EP US)  
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