

Title (en)  
Gas burner supplied with secondary forced air

Title (de)  
Gasbrenner mit Sekundärdruckluftzufuhr

Title (fr)  
Brûleur à gaz alimenté en air secondaire forcé

Publication  
**EP 1016823 A1 20000705 (FR)**

Application  
**EP 99403323 A 19991230**

Priority  
FR 9816656 A 19981230

Abstract (en)  
Gas burner receives gas through injector (5) and gas regulator (6), and primary and secondary air supplies. Secondary air flow is guaranteed by fan (13) blowing air in chamber (14) and with hole (15) allowing air to exit chamber towards flames (16). Fan commands depend of power commands (19). Commands (17) will guaranty constant pressure in chamber following pressure sensor (18) readings.

Abstract (fr)  
La présente invention se rapporte à l'alimentation en air secondaire d'un brûleur à gaz comportant des moyens (5, 6) d'alimentation en gaz, des moyens d'alimentation en air primaire et des moyens (13, 14, 15) d'alimentation en air secondaire. Les moyens d'alimentation en air secondaire comportent des moyens (13) pour forcer le déplacement de l'air. <IMAGE>

IPC 1-7  
**F23C 7/02**; **F23L 5/02**; **F23D 14/60**; **F24C 3/08**; **F24C 3/12**; **F23N 1/02**

IPC 8 full level  
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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 318 (M - 632) 16 October 1987 (1987-10-16)

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