

Title (en)  
Burner.

Title (de)  
Brenner.

Title (fr)  
Brûleur.

Publication  
**EP 0451923 B1 19941207 (EN)**

Application  
**EP 91200856 A 19910411**

Priority  
NL 9000883 A 19900412

Abstract (en)  
[origin: EP0451923A2] A burner (1) is provided, comprising a primary mixture supply conduit (2) and a primary mixture chamber (6) connected with the supply conduit (2), the primary mixture chamber (6) having primary discharge openings (7) for discharging burning mixture into the space surrounding the burner (1). The burner (1), which may be made of a ceramic material, which may be made of a ceramic material, further comprises flame stabilizing means arranged near the primary discharge openings (7). The flame stabilizing means may be vortex strips (14) separating areas (16) of discharge openings (7), or they may be secondary discharge openings (5), discharging burning mixture from a secondary mixture chamber (3) near the primary discharge openings (7). <IMAGE>

IPC 1-7  
**F23D 14/06**; F23D 14/10; F23D 14/26; F23D 14/74; F23D 14/58

IPC 8 full level  
**F23C 99/00** (2006.01); **F23D 14/04** (2006.01); **F23D 14/06** (2006.01); **F23D 14/10** (2006.01); **F23D 14/12** (2006.01); **F23D 14/26** (2006.01); **F23D 14/46** (2006.01); **F23D 14/58** (2006.01); **F23D 14/74** (2006.01)

CPC (source: EP)  
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Cited by  
EP0751344A1; GB2302401B; US5993200A; EP0774623A1; NL1001688C2; AT405444B; US5368476A

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**EP 91200856 A 19910411**; AT 91200856 T 19910411; BG 9424991 A 19910412; CS 104091 A 19910412; DE 69105588 T 19910411; DK 91200856 T 19910411; ES 91200856 T 19910411; FI 911764 A 19910411; HU 122091 A 19910412; JP 7958091 A 19910412; LT IP1567 A 19931208; NL 9000883 A 19900412; NO 911413 A 19910411; PL 28987191 A 19910412; SI 9110667 A 19910412; SU 4895113 A 19910411; YU 66791 A 19910412