

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
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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)
F23D 14/06 (2013.01); **F23D 14/105** (2013.01); **F23D 14/26** (2013.01)

Cited by
EP0751344A1; GB2302401B; US5993200A; EP0774623A1; NL1001688C2; AT405444B; US5368476A

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EP 0451923 A2 19911016; **EP 0451923 A3 19920701**; **EP 0451923 B1 19941207**; AT E115260 T1 19941215; BG 94249 A 19931224; CS 104091 A2 19911217; DE 69105588 D1 19950119; DE 69105588 T2 19950413; DK 0451923 T3 19950529; ES 2064881 T3 19950201; FI 911764 A0 19910411; FI 911764 A 19911013; HU 911220 D0 19911028; HU T60027 A 19920728; JP H04225709 A 19920814; LT IP1567 A 19950626; NL 9000883 A 19911101; NO 911413 D0 19910411; NO 911413 L 19911014; PL 165631 B1 19950131; RU 2042883 C1 19950827; SI 9110667 A 19940630; YU 66791 A 19941228

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