

Title (en)

Burner for fluid or gas fuel, in particular for oil

Title (de)

Brenner für flüssigen oder gasförmigen Brennstoff, insbesondere für Öl

Title (fr)

Brûleur pour combustible fluide ou gazeux, en particulier pour mazout

Publication

EP 0789189 B1 20031112 (DE)

Application

EP 96118804 A 19961123

Priority

DE 19604347 A 19960207

Abstract (en)

[origin: EP0789189A2] The burner has a liquid or gaseous fuel, which is especially oil, and which is fed by a nozzle which is surrounded by a concentric opening. The latter supplies air to the outlet region of the nozzle. The burner has equipment which imparts a rotation to the air which leaves from the opening. The equipment may be a swirl chamber (11) with a central outlet opening (12) and at least one inlet opening (14) for air, and the latter opening may be at least partly arranged radially outside the outlet opening, and may be at least partly aligned in the circumferential direction.

IPC 1-7

F23D 11/40

IPC 8 full level

F23D 11/40 (2006.01)

CPC (source: EP)

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Cited by

EP1916475A3; EP3638950A4

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EP 0789189 A2 19970813; **EP 0789189 A3 19990210**; **EP 0789189 B1 20031112**; AT E254262 T1 20031115; DE 19604347 A1 19970814; DE 59610817 D1 20031218

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