

Title (en)

Burner for operating a heat generator

Title (de)

Brenner für den Betrieb eines Wärmeerzeugers

Title (fr)

Brûleur pour la mise en oeuvre d'un générateur de chaleur

Publication

EP 0903540 B1 20030409 (DE)

Application

EP 97810687 A 19970919

Priority

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Abstract (en)

[origin: EP0903540A1] Vortex generator (100) has an arrangement for homogenizing the fuel concentration (150) at least over the cross-section of a mixing pipe (20). Preferably a ring (190) is provided at the head of the vortex generator and cooperating with a fuel nozzle, having a number of bores (161) in the circumferential direction, through which air (160) flows and fuel can be sprayed (170).

IPC 1-7

F23D 17/00; **F23C 7/00**

IPC 8 full level

F23C 7/00 (2006.01); **F23D 11/40** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP US)

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