

Title (en)

Method for preventing flow instabilities in a burner

Title (de)

Verfahren zur Verhinderung von Strömungsinstabilitäten in einem Brenner

Title (fr)

Procédé pour prévenir les instabilités d'écoulement dans un brûleur

Publication

EP 0987491 B1 20050720 (DE)

Application

EP 98810924 A 19980916

Priority

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Abstract (en)

[origin: EP0987491A1] Disturbance air (22) is injected into the combustion air flow (15) in order to prevent the formation of coherent flow instabilities of the combustion air flow after outlet in the combustion chamber (28). The burner (26) has no premixing stretches and is operated with liquid or gaseous fuel.

IPC 1-7

F23C 7/00; **F23D 17/00**; **F23C 7/02**

IPC 8 full level

F23R 3/18 (2006.01); **F23C 7/00** (2006.01); **F23C 7/02** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP US)

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Citation (examination)

EP 0851172 A2 19980701 - ABB RESEARCH LTD [CH]

Cited by

US6698209B1; DE10000415A1; EP1114967A1; US6834504B2

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