

Title (en)

Burner for fire tube boiler

Title (de)

Brenner für Rauchrohrkessel

Title (fr)

Brûleur pour chaudière à tubes de fumées

Publication

EP 1544541 A1 20050622 (FR)

Application

EP 04292905 A 20041207

Priority

FR 0314694 A 20031215

Abstract (en)

The burner (1) has a central oxidant injection tube (2) in which a fuel injection tube is arranged. Peripheral oxidant injection tubes (4) are regularly distributed around the central tube, where the oxidant circulates in the central and peripheral tubes. An air supply duct supplies air to the peripheral and central tubes. A fumes supply duct supplies combustion fumes of a boiler to the peripheral tubes. An independent claim is also included for a fire tube boiler.

Abstract (fr)

L'invention se rapporte à un brûleur (1) pour une chaudière à tubes de fumées. Le brûleur (1) comporte un passage central (2) d'injection de comburant dans lequel est disposé un tube d'injection de carburant. Selon l'invention, le brûleur (1) comprend également des passages périphériques (4) d'injection de comburant disposés autour du passage central (2). <IMAGE>

IPC 1-7

F23C 9/08; **F23C 7/02**

IPC 8 full level

F23C 7/02 (2006.01); **F23C 9/08** (2006.01)

CPC (source: EP)

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Citation (search report)

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