

Title (en)

Liquid fuel burner suitable for a furnace to reheat steel industry products

Title (de)

Brenner für flüssigen Brennstoff insbesondere für Aufwärmöfen für siderurgische Produkte

Title (fr)

Brûleur à combustible fluide notamment pour fours de réchauffage de produits sidérurgiques

Publication

EP 0994302 B1 20040114 (FR)

Application

EP 99402320 A 19990922

Priority

FR 9812824 A 19981013

Abstract (en)

[origin: EP0994302A1] The burner, producing an axially-symmetrical flame with axial development, has a broad combustion tunnel (10) with oxidant and fuel injection orifices (13, 14) lying parallel to its longer axis of symmetry. The tunnel can be rectangular or oval in shape, or a combination of these, with the axes of the injection orifices lying in planes parallel to the plane of the products to be treated.

IPC 1-7

F23D 14/22; **F23C 5/14**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0994302 A1 20000419; **EP 0994302 B1 20040114**; AT E257929 T1 20040115; CA 2286407 A1 20000413; CA 2286407 C 20080826; CN 1111203 C 20030611; CN 1250814 A 20000419; DE 69914153 D1 20040219; DE 69914153 T2 20040624; ES 2211008 T3 20040701; FR 2784449 A1 20000414; FR 2784449 B1 20001229; JP 2000121011 A 20000428; US 6334770 B1 20020101

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