

Title (en)

Premix burner and method of operating the burner

Title (de)

Vormischbrenner und Verfahren zum Betrieb des Brenners

Title (fr)

Brûleur à prémélange et procédé de mise en oeuvre du brûleur

Publication

**EP 0816759 B1 20030108 (DE)**

Application

**EP 97810385 A 19970618**

Priority

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- US 86510297 A 19970529

Abstract (en)

[origin: EP0816759A2] The central axes of the hollow part cone bodies (1,2) have widening cone inclinations in the flow direction and in the longitudinal direction run displacedly to each other. In the cone-shaped inner space (8) in the burner head formed by the part cone bodies a fuel nozzle (11) for the fluid fuel (12) is positioned. The feeds (13,14) for the gas-form fuel (16) are provided with fuel injectors (15). The air entry slots (5) on the combustion chamber side are closed by a burner crescent (26). In the burner crescent may be at least one hole (27) for feed of gas-form fuel. The hole may be arranged parallel to the burner axis or at an angle to it, preferably of 45 degrees inclinedly outwards.

IPC 1-7

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IPC 8 full level

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