

Title (en)

Pressurized vaporising burner, particularly for field ranges.

Title (de)

Druckverdampferbrenner, insbesondere für Feldkochherde.

Title (fr)

Brûleur à vaporisation sous pression, notamment pour fourneaux roulants.

Publication

EP 0413214 B1 19941214 (DE)

Application

EP 90114904 A 19900803

Priority

DE 3927159 A 19890817

Abstract (en)

[origin: EP0413214A2] In order to be able to operate selectively with gaseous fuel also a pressurised vaporising burner, in particular for field ranges, with an essentially cylindrical vertical combustion chamber which is surrounded by a wall and open on the underside, with a pressurised atomising nozzle, arranged at the underside of the combustion chamber, for liquid fuel for preheating operation, and a main nozzle for vaporised fuel for normal operation, and with a vaporiser which is arranged in the combustion chamber and conducts the liquid fuel from a supply pipe to the main nozzle, the combustion chamber bearing at its open upper end a diffuser, it is proposed that there is arranged on the underside of the cylindrical combustion chamber a further nozzle for gaseous fuel, which is fed from an independent supply line with gaseous fuel. <IMAGE>

IPC 1-7

F23D 17/00; F23D 11/44; F23D 14/06

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0413214 A2 19910220; **EP 0413214 A3 19910515**; **EP 0413214 B1 19941214**; DE 3927159 A1 19910221; DE 3927159 C2 19940609; DE 59007996 D1 19950126

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