

Title (en)

MULTI-FUEL BURNER WITH ADJUSTABLE METERING VALVE

Title (de)

MEHRSTOFFBRENNER MIT EINSTELLBAREM DOSIERVENTIL

Title (fr)

BRULEUR A COMBUSTIBLES MULTIPLES A VANNE DE DOSAGE REGLABLE

Publication

EP 0904511 B1 20010718 (EN)

Application

EP 97921558 A 19970523

Priority

- CA 9700340 W 19970523
- US 65496796 A 19960524
- US 85146597 A 19970505

Abstract (en)

[origin: WO9745676A1] A powered multi-fuel burner has a burner assembly which utilizes an air aspirated nozzle and an infrared configuration. An air compressor provides air to the air aspirated nozzle and a fuel tank holds fuel supplied to the air aspirated nozzle by operation of the suction created at the nozzle. A metering valve is interposed between the fuel tank and the air aspirated nozzle. The metering valve is manually adjustable to increase or decrease the fuel supplied to the nozzle thereby to increase or decrease the heat output of the burner.

IPC 1-7

F23K 5/04; **F23D 11/10**

IPC 8 full level

F23D 11/00 (2006.01); **F23D 11/10** (2006.01); **F23D 11/40** (2006.01); **F23K 5/04** (2006.01); **F23N 5/08** (2006.01)

CPC (source: EP US)

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