

Title (en)

A liquid heater and a gas burner therefor.

Title (de)

Flüssigkeitserhitzer und Brenner dafür.

Title (fr)

Chaudière à fluide et brûleur pour cette chaudière.

Publication

EP 0043232 A1 19820106 (EN)

Application

EP 81302847 A 19810624

Priority

AU 425680 A 19800627

Abstract (en)

A liquid heater such as a domestic hot water heater which comprises a vessel (4), means defining a chamber (18) beneath the vessel, said chamber having a constricted outlet (44), and a gas burner assembly (26, 28) which in operation discharges combustion gases into the chamber at a sufficient pressure to force the combustion gases through said constricted outlet. Also disclosed is a gas burner (28) which is formed with a multiplicity of radially directed flutes (76) and between which are formed passages for secondary air.

IPC 1-7

F24H 1/18; **F24H 9/18**; **F23D 13/10**

IPC 8 full level

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CPC (source: EP)

F23D 14/085 (2013.01); **F24H 1/186** (2013.01); **F24H 9/1836** (2013.01)

Citation (search report)

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