

Title (en)

Radiant plaque heater.

Title (de)

Heizofen mit Wärmestrahlungsplatte.

Title (fr)

Four de chauffage muni d'une plaque radiante.

Publication

EP 0408397 B1 19940413 (EN)

Application

EP 90307730 A 19900716

Priority

GB 8916237 A 19890714

Abstract (en)

[origin: EP0408397A2] A radiant plaque heater has a casing (1) a burner (4) and a plaque element (3) arranged within the casing so as to be heated by the burner and produce a radiant heat output. An air flow means (5) is provided and is operable to induce a flow of air into the casing in order to create an over-pressure therein which inhibits air flow from the exterior into the casing adjacent the plaque. A heat exchanger (7) may be provided for extracting heat from the burner exhaust gases and returning the extracted heat to the plaque element (3).

IPC 1-7

F24H 3/10; **F24C 3/04**; **F24C 1/08**

IPC 8 full level

F24C 1/08 (2006.01); **F24C 3/04** (2006.01); **F24H 3/10** (2006.01)

CPC (source: EP)

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Cited by

US6286500B1; WO9846946A1

Designated contracting state (EPC)

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EP 0408397 A2 19910116; **EP 0408397 A3 19910605**; **EP 0408397 B1 19940413**; AT E104421 T1 19940415; DE 69008060 D1 19940519; GB 8916237 D0 19890831

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