

Title (en)

Radiant plaque heater.

Title (de)

Heizofen mit Wärmestrahlungsplatte.

Title (fr)

Four de chauffage muni d'une plaque radiante.

Publication

**EP 0408397 A2 19910116 (EN)**

Application

**EP 90307730 A 19900716**

Priority

GB 8916237 A 19890714

Abstract (en)

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

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

IPC 8 full level

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

CPC (source: EP)

**F24C 1/08** (2013.01)

Cited by

US6286500B1; WO9846946A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

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

DOCDB simple family (application)

**EP 90307730 A 19900716**; AT 90307730 T 19900716; DE 69008060 T 19900716; GB 8916237 A 19890714