

Title (en)

HEAT EXCHANGER FOR A GAS-FIRED WATER HEATER

Publication

EP 0237443 B1 19891129 (FR)

Application

EP 87400569 A 19870313

Priority

FR 8603689 A 19860314

Abstract (en)

[origin: US4751897A] A heating body is provided for a gas water heater in the form of a vertical tubular chamber (1) obstructed at its upper end by a heat exchanger (2) itself having a pipe section (4) through which the water to be heated flows, the rear (6) and side (7,8) portions of the wall of said chamber being formed by a protective metal sheet (11) lined on the inside with a refractory material body (10). The front portion (9) of said wall is a heat conducting metal panel adapted so as to form a capacity or chamber (16) through which the water to be heated flows just upstream of the exchanger.

IPC 1-7

F24H 1/14

IPC 8 full level

F24H 1/14 (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP US)

F24H 1/145 (2013.01 - EP US)

Cited by

EP0816775A3; EP0816776A3; AT404755B; AT406085B

Designated contracting state (EPC)

AT BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)

EP 0237443 A1 19870916; EP 0237443 B1 19891129; AT E48309 T1 19891215; AU 599360 B2 19900719; AU 6998687 A 19870917; CA 1283008 C 19910416; DE 3761060 D1 19900104; DK 126087 A 19870915; DK 126087 D0 19870311; DK 164243 B 19920525; DK 164243 C 19921102; FR 2595796 A1 19870918; FR 2595796 B1 19880617; JP S62272062 A 19871126; US 4751897 A 19880621

DOCDB simple family (application)

EP 87400569 A 19870313; AT 87400569 T 19870313; AU 6998687 A 19870313; CA 531765 A 19870311; DE 3761060 T 19870313; DK 126087 A 19870311; FR 8603689 A 19860314; JP 5701587 A 19870313; US 2463387 A 19870311