

Title (en)

MOVEABLE HEARTH BOILER WITH INTERNAL COMBUSTION AND AJUSTABLE DRAUGHT

Publication

EP 0131585 B1 19870729 (FR)

Application

EP 84900068 A 19831223

Priority

FR 8300005 A 19830103

Abstract (en)

[origin: WO8402764A1] Moveable hearth boiler device with internal combustion using fluids as heat conveying medium and with automatic draught regulation. It is comprised in its visible part of a boiler body (12), two supply pipes (2 and 3), a slide suspension (fig. 3), an articulated bracket (fig. 2), two holes pipes (17) for the connection to the central heating plant, two sealed hydraulic connections of the so-called fast type (18). In its invisible part, the boiler device comprises combustion chambers (9), a fluid (10), baffles (16), a draught device (20), a purging cock (5), a safety valve (7), a fume collector (6), a thermostatic probe (8). Among the most interesting applications of the invention, it may be mentioned the utilisation as the main boiler for the central heating or as an auxiliary boiler in an existing plant, and the facility for producing sanitary hot water through a boiler water drum.

IPC 1-7

F24B 9/04

IPC 8 full level

F24B 9/00 (2006.01); **F24B 1/183** (2006.01); **F24B 9/04** (2006.01)

IPC 8 main group level

F24B (2006.01)

CPC (source: EP US)

F24B 1/183 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8402764 A1 19840719; AU 2344384 A 19840802; AU 569052 B2 19880121; DE 3372819 D1 19870903; DK 418284 A 19840831; DK 418284 D0 19840831; EP 0131585 A1 19850123; EP 0131585 B1 19870729; ES 284718 U 19850716; ES 284718 Y 19860401; FI 843453 A0 19840903; FI 843453 A 19840903; FR 2538881 A1 19840706; HU 195304 B 19880428; HU T35819 A 19850729; IT 1215609 B 19900222; IT 8349604 A0 19831230; NO 843470 L 19840831; OA 07807 A 19861120; PT 77917 A 19840201; PT 77917 B 19860410; SU 1409138 A3 19880707; US 4658804 A 19870421

DOCDB simple family (application)

FR 8300258 W 19831223; AU 2344384 A 19831223; DE 3372819 T 19831223; DK 418284 A 19840831; EP 84900068 A 19831223; ES 284718 U 19840102; FI 843453 A 19840903; FR 8300005 A 19830103; HU 35984 A 19831223; IT 4960483 A 19831230; NO 843470 A 19840831; OA 58382 A 19840903; PT 7791784 A 19840103; SU 3793663 A 19840903; US 64818384 A 19840904