

Title (en)
BOILER, PARTICULARLY FOR THE INSTALLATION IN MOVABLE ROOMS OR THE LIKE

Publication
EP 0036997 B1 19840418 (DE)

Application
EP 81101934 A 19810316

Priority
DE 3012548 A 19800331

Abstract (en)
[origin: US4373472A] A water heater has a closed container of approximately circular cross-section, a housing surrounding at least a lower part of the water container, the housing being closed by a base and forming, with the base of the water container, a gas-tight combustion chamber, a lower induction aperture for fresh air, an upper extraction aperture for waste gases, and passages through the water container for inlet and outlet pipes. The improvement is that an annular space connected with the combustion chamber is formed between the housing and the water container. The waste gas extraction aperture and the fresh air induction aperture are located in the housing. One or two box-shaped corner sections, for one or both apertures, adjoin the curved housing and, by means of their side walls, convert the housing in the vicinity of the corner sections into a rectangular shape. A connecting branch to link up with a through-flow unit in the outer wall is provided in one side wall.

IPC 1-7
F24H 1/18; **F24H 1/34**

IPC 8 full level
F24H 1/18 (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP US)
F24H 1/186 (2013.01 - EP US); **F24H 9/133** (2022.01 - EP US)

Cited by
EP0222221A1; EP0153046A3

Designated contracting state (EPC)
BE FR GB IT NL SE

DOCDB simple family (publication)
EP 0036997 A2 19811007; **EP 0036997 A3 19811209**; **EP 0036997 B1 19840418**; CA 1158494 A 19831213; DE 3012548 A1 19811008; DE 3012548 C2 19841108; US 4373472 A 19830215

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EP 81101934 A 19810316; CA 374245 A 19810331; DE 3012548 A 19800331; US 24766881 A 19810326