

Title (en)
MOVEABLE HEARTH BOILER WITH INTERNAL COMBUSTION AND AJUSTABLE DRAUGHT

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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.

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