

Title (en)

INTEGRATED HYDRAULIC CIRCUIT FOR HOT-WATER HEATING BOILERS FOR HEATING AND SANITARY USE

Publication

EP 0244915 A3 19880511 (EN)

Application

EP 87200837 A 19870506

Priority

IT 2178486 U 19860509

Abstract (en)

[origin: EP0244915A2] An integrated hydraulic circuit forms a plurality of connections between hydraulic components of the boiler, among which at least an accelerator, a secondary water-water heat-exchanger (39) and a 3-way valve (32) for selectively deviating the flow of water from the accelerator to the said heat-exchanger or to a heating circuit. The circuit is realized by the joining of two facing plate-shaped elements (14, 25), channel-shaped passages being formed in at least one of them and the elements being joined in a watertight manner at their interface at least in the region of the peripheral passages; provision being made on the said circuit for the fixing of at least the accelerator, the secondary heat-exchanger and the 3-way valve, and provision also being made for inlet and outlet connections for a primary heat-exchanger, a heating system and a sanitary water system.

IPC 1-7

F24H 9/14

IPC 8 full level

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CPC (source: EP)

F24H 9/14 (2013.01); **F24H 9/144** (2013.01); **F24H 9/148** (2013.01)

Citation (search report)

- [X] EP 0000584 A1 19790207 - VIESSMANN HANS
- [XE] EP 0236235 A1 19870909 - ELETTRIC TERMICA SUD SPA [IT]

Cited by

AT413240B; EP0825387A3; EP0340370A1; FR2969254A1; EP0735332A3; US5778829A; FR2706593A1; EP0797057A3; EP1650506A1; EP1626232A2; WO2012085464A1

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