

Title (en)
WATER HEATER

Title (de)
WARMWASSERBEREITER

Title (fr)
CHAUFFE-EAU

Publication
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Application
EP 94918778 A 19940524

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Abstract (en)
[origin: US5709174A] PCT No. PCT/EP94/01667 Sec. 371 Date Nov. 27, 1995 Sec. 102(e) Date Nov. 27, 1995 PCT Filed May 24, 1994 PCT Pub. No. WO94/28359 PCT Pub. Date Dec. 8, 1994A hot water heater has an inlet for liquid fuels, a plurality of inlets for fresh air, an inlet for a fluid to be heated, at least two combustion stages traversed by the fuel-air mixture with catalytic combustion chambers surrounded at least partially by at least one fluid chamber filled with fluid and with an offgas heat exchanger for fluid to be heated. The heat exchanger is traversed by the offgas escaping from the combustion chambers. The first combustion stage has an evaporation chamber that has on its outside surface, at least a partial catalyst layer.

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IPC 8 full level
F23C 6/04 (2006.01); **F23C 13/00** (2006.01); **F23D 11/00** (2006.01); **F24H 1/00** (2006.01)

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