

Title (en)  
GAS BOILER

Title (de)  
GASTHERME

Title (fr)  
CHAUDIERE A GAZ

Publication  
**EP 1595097 B1 20070404 (EN)**

Application  
**EP 04713083 A 20040220**

Priority  
• EP 2004050182 W 20040220  
• IT MI20030319 A 20030221

Abstract (en)  
[origin: WO2004074744A1] A combination gas boiler (1; 55) for producing heating water and domestic water has a heating circuit (7) and a domestic circuit (8), a gas burner (9), a heat exchanger (10; 57) located along the domestic circuit (8), and at least one tank (20) located along the domestic circuit (8), downstream from the heat exchanger (10; 57), and connected to the heat exchanger (10; 57) by a domestic recirculating branch (21); a pump (26) is incorporated in the tank (20) for selectively recirculating the domestic water contained in the tank (20) along the recirculating branch (21) to the heat exchanger (10; 57), so as to keep the domestic water in the tank (20) above a given temperature.

IPC 8 full level  
**F24D 3/08** (2006.01); **F04D 29/60** (2006.01); **F24D 19/10** (2006.01); **F24H 1/48** (2006.01); **F24H 1/52** (2006.01)

CPC (source: EP)  
**F24H 1/48** (2013.01); **F24H 1/52** (2013.01); **F24H 1/523** (2013.01)

Cited by  
EP3428546A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2004074744 A1 20040902**; AT E358801 T1 20070415; CN 100516704 C 20090722; CN 1754068 A 20060329; DE 602004005671 D1 20070516; DE 602004005671 T2 20071227; EP 1595097 A1 20051116; EP 1595097 B1 20070404; ES 2283987 T3 20071101; IT MI20030319 A1 20040822; PL 211041 B1 20120430; PL 376936 A1 20060109

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