

Title (en)
GAS BOILER

Title (de)
GASTHERME

Title (fr)
CHAUDIERE A GAZ

Publication
EP 1595097 A1 20051116 (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 1-7
F24D 3/08; F24D 19/10; F04D 29/60

IPC 8 full level
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)

Citation (search report)
See references of WO 2004074744A1

Cited by
EP3428546A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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

DOCDB simple family (application)
EP 2004050182 W 20040220; AT 04713083 T 20040220; CN 200480004863 A 20040220; DE 602004005671 T 20040220; EP 04713083 A 20040220; ES 04713083 T 20040220; IT MI20030319 A 20030221; PL 37693604 A 20040220