

Title (en)

Wall mounted gas heater with a small sanitary water storage tank

Title (de)

Wandgasheizkessel mit kleinem Brauchwasserspeicher

Title (fr)

Chaudière murale mixte à gaz avec un mini-ballon accumulateur d'eau chaude sanitaire

Publication

EP 0719989 B1 20000802 (FR)

Application

EP 95402958 A 19951228

Priority

FR 9415855 A 19941229

Abstract (en)

[origin: EP0719989A1] A burner (2) heats the central-heating boiler (1) directly. Hot water is continuously available (11) from a boiler heat-exchanger (7), via a small (under 20 l) cylinder (10). If its measured (17) flow exceeds a set value, a two-way valve (5) diverts the radiator circuit (4,3) through a by-pass (12), and, in summer, the burner lights to heat the cylinder make-up water, temperature-regulated at the boiler (15). During idle periods, cylinder temperature is maintained by a local thermostat (16), similarly activating the burner and by-pass. An indirect coil (13) in the latter - opt., a small electric heater - transfers the heat required. The burner does not light for brief or low-volume demands, through repeated draw-offs will initiate reheating as cylinder temperature falls.

IPC 1-7

F24D 3/08; **F24H 1/48**

IPC 8 full level

F24D 3/08 (2006.01); **F24H 1/48** (2006.01)

CPC (source: EP)

F24D 3/08 (2013.01); **F24H 1/48** (2013.01)

Cited by

FR2837266A1; ITTV20110157A1; ITUB20155430A1; CN104807068A; EP1139032A3; CN104676873A; DE19510877A1; FR2824627A1; EP0828117B1; WO2004074744A1; WO03076859A1

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