

Title (en)

HOT WATER HEATING INSTALLATION WITH A HEAT CONSUMPTION METER

Publication

EP 0229319 A3 19880210 (DE)

Application

EP 86117178 A 19861210

Priority

DE 3544411 A 19851216

Abstract (en)

[origin: US4695052A] A hot water heating system powered by a gas burner uses the output signal of a heat consumption meter measuring the amount of heat flowing to heating radiators for controlling the heat capacity or heating power of the burner. A control signal dependent on the demand of heat is fed to a solenoid operator of a servopressure regulator and the required amount of air for achieving optimum combustion is supplied via an air control valve which receives its input signal from an oxygen or carbon dioxide sensor in a burner stack.

IPC 1-7

F24D 19/10

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 333 (M-443)[2056], 27. Dezember 1985; & JP-A-60 165 463 (MATSUSHITA DENKI SANGYO K.K.) 28-08-1985

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DE 3544411 A1 19870619; DE 3675362 D1 19901206; DK 607186 A 19870617; DK 607186 D0 19861216; EP 0229319 A2 19870722; EP 0229319 A3 19880210; EP 0229319 B1 19901031; US 4695052 A 19870922

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