

Title (en)

Method for water heating using a water heater and a multi-layered storage tank

Title (de)

Verfahren zur Warmwasserbereitung mit einem Wärmeerzeuger und einem Schichtenspeicher

Title (fr)

Procédé pour préparer de l'eau chaude utilisant un chauffe-eau et un accumulateur stratifié

Publication

EP 1795818 B1 20160224 (DE)

Application

EP 06024756 A 20061130

Priority

DE 102005058570 A 20051208

Abstract (en)

[origin: EP1795818A1] A method for controlling a water heating system connected to a hot water tank with a layered storage of hot and cold water has a control system (7) linked to the heating circuit which draws cold water from the bottom of the tank and returns heated water into the top of the tank. The control circuit monitors the heating effect and the hot water storage to compute the optimum output from the heater (1) as well as the optimum pump loading (8) to best match the heating with the demands for heated water and without undue turbulence.

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

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Cited by

EP1906104A1; CN102865663A; EP2017537A3; FR2928442A1; CN101965485A; EP3062027A1; US9134037B2; WO2009112385A1

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