

Title (en)

Method for regulating the tapping temperature of sanitary water

Title (de)

Verfahren zum Regeln der Entnahmetemperatur von Brauchwasser

Title (fr)

Procédé de réglage de la température de la prélèvement de l'eau sanitaire

Publication

EP 1148302 A3 20030102 (DE)

Application

EP 01890113 A 20010412

Priority

AT 6932000 A 20000419

Abstract (en)

[origin: EP1148302A2] The heat exchanger (8), on the primary side, is incorporated in a heating circuit fitted with a circulating pump (4) with controllable rotational speed and leading over a heat source (3) especially a buffer storage. A proportional-integral-differential regulator controls the pump-drive (10) in relation to the comparison of the measured secondary-side outflow temperature of the heat exchanger as actual value with a pre-set desired value. The PID regulator (9) is fitted with a regulator stage for the rotational speed of nil, and the pump drive is controlled over the entire rotational speed range only in relation to the comparison of the actual and desired values.

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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