

Title (en)

METHOD FOR CONTROLLING A DOMESTIC HOT WATER SYSTEM AND SYSTEM

Title (de)

VERFAHREN ZUR STEUERUNG EINES BRAUCHWARMWASSERSYSTEMS UND SYSTEM

Title (fr)

PROCÉDÉ DE COMMANDE D'UN SYSTÈME D'EAU CHAUDE DOMESTIQUE ET SYSTÈME

Publication

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Application

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Priority

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Abstract (en)

The present invention provides a method for controlling a domestic hot water system (1) comprising a pipeline network with a fresh water supply (6) and a flow, a water heater (2) for providing heated water, at least one water outlet (5) for providing heated water to a user, a control device (10) for controlling the system, one or more temperature sensors (4), and a user terminal (T) for providing information on the system to a user and for receiving inputs from the user to control the system. If at least one of currently set operation parameters of the water heater (2) or a measured temperature fulfils a preset condition, an optimization process is started. The process comprises a step of storing the currently set operation parameters as initial parameters. In another step a new set of parameters for reducing the temperature of the heated water by a preset value is determined. The water heater (2) is the operated with the new set of parameters for a specified period of time. After the period of time, the user is prompted to provide feedback on the temperature of the heated water. Finally, the water heater (2) is controlled in dependence on the user feedback

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Citation (applicant)

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Citation (search report)

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