

Title (en)

Method for heating water according to the circulation principle and water heating system

Title (de)

Verfahren zur Erwärmung von Wasser nach dem Durchlaufprinzip und Wassererwärmungssystem

Title (fr)

Procédé de chauffage d'eau en continu et système de chauffage d'eau

Publication

EP 2372260 B1 20160511 (DE)

Application

EP 11159320 A 20110323

Priority

DE 102010013140 A 20100327

Abstract (en)

[origin: EP2372260A2] The method involves regulating a drain off temperature (T-w) to a drain off- reference temperature (T-w0) by a change of a modulated or switchable volume flow (V-h) of the heating fluid with a deviation of the drain-off temperature from the drain off-reference temperature. The heating fluid temperature is controlled to a heating fluid-reference temperature by changing a modulated or switchable heat output (Q) of the heat generator with a deviation of heat fluid temperature from a preset heat fluid-reference temperature. An independent claim is also included for a water heating system with a heat source.

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

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Cited by

US10612795B2; CN115104922A; US11828474B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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