

Title (en)
Water heater

Title (de)
Wassererwärmer

Title (fr)
Accumulateur d'eau chaude

Publication
EP 2221551 B1 20180321 (DE)

Application
EP 10151647 A 20100126

Priority
DE 102009010041 A 20090221

Abstract (en)
[origin: EP2221551A2] The heater (1) has a splitting device (8) for splitting total water flow into two partial water flows, where the total water flow escapes from a heat generator (4). A buffer device (9) is utilized for intermediate storage of the partial water flows. A bypass device (7) passes the partial water flows to the buffer device. A mixer unit (6) is utilized for combining the partial water flows. Water temperature of the mixer unit that is in connection with a hot water outlet pipe (3) is changed with respect to water temperature at immediate downstream of the heat generator. An independent claim is also included for a method for operating a water heater by a flow principle.

IPC 8 full level
F24H 1/12 (2006.01); **F24D 17/00** (2006.01); **F28D 20/00** (2006.01)

CPC (source: EP)
F24D 17/00 (2013.01); **F24H 1/122** (2013.01); **F28D 20/0034** (2013.01)

Cited by
EP2990750B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2221551 A2 20100825; EP 2221551 A3 20150923; EP 2221551 B1 20180321; DE 102009010041 A1 20100916

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