

Title (en)
Apparatus for heating water

Title (de)
Vorrichtung zum Bereiten von Warmwasser

Title (fr)
Appareil pour chauffer de l'eau

Publication
EP 1686329 B1 20140507 (DE)

Application
EP 06100880 A 20060126

Priority
DE 102005004595 A 20050201

Abstract (en)
[origin: EP1686329A2] The apparatus has a heater (5) having an inlet and outlet (2, 3) and a heating stage (4) with water provided by the inlet warmed to a first and second temperature T1, T2. The temperature of water per unit time flowing through the heater is measured (8). The measuring instrument produces an electrical signal representing the information about flow of water. An electronic control unit (9) controls the supplied amount of heat by a discrete switching status, so that for a first flow interval a first switching status is provided and for further flow intervals further switching status is provided.

IPC 8 full level
F24H 9/20 (2006.01)

CPC (source: EP US)
F24H 9/2028 (2013.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/212** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/242** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/407** (2022.01 - EP US); **F24H 15/12** (2022.01 - EP US)

Cited by
FR2942302A1; CN107504551A; NL1035645C2; BE1026113B1; EP2098802A3; US9163855B2; WO2008083900A3; WO2010094893A3; WO2019179822A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1686329 A2 20060802; EP 1686329 A3 20110302; EP 1686329 B1 20140507; DE 102005004595 A1 20060810; DE 202006020924 U1 20110120

DOCDB simple family (application)
EP 06100880 A 20060126; DE 102005004595 A 20050201; DE 202006020924 U 20060126