

Title (en)
Device and method for control of fluid heater

Title (de)
Vorrichtung und Verfahren zur Regelung von Thermen

Title (fr)
Dispositif et procédé de regulation d'un chauffe-eau

Publication
EP 1310746 B1 20050406 (DE)

Application
EP 02023856 A 20021024

Priority
DE 10154198 A 20011107

Abstract (en)
[origin: EP1310746A1] Device for regulating an instantaneous water heater has a burner (2) for heating a heat carrying medium, an inlet for supply of heat carrying medium, with a given inlet temperature and an outlet with an outlet temperature. A regulator (1) measures the rate of increase of the outlet temperature for a given burner capacity, which enables the flowrate of output carrying medium to be calculated. The regulator adjusts the heating of the medium based on the calculated flowrate. <??>Independent claims are made for a regulator and a method for controlling an instantaneous heater.

IPC 1-7
F24H 9/20; **F23N 1/08**

IPC 8 full level
F23N 1/08 (2006.01); **F24D 19/10** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F23N 1/082 (2013.01 - EP); **F24D 19/1069** (2013.01 - EP US); **F24H 9/2035** (2013.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/184** (2022.01 - EP US); **F24H 15/215** (2022.01 - EP US); **F24H 15/219** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/269** (2022.01 - EP US); **F24H 15/345** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US); **F24H 15/421** (2022.01 - EP US); **F23N 2223/08** (2020.01 - EP); **F23N 2223/36** (2020.01 - EP)

Cited by
ITTV20090034A1; CN114251831A; DE102019123030A1; WO2021037311A1; WO2023235393A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 1310746 A1 20030514; **EP 1310746 B1 20050406**; AT E335169 T1 20060815; DE 10154198 A1 20030515; DE 50202701 D1 20050512; DE 50207704 D1 20060914; EP 1310736 A2 20030514; EP 1310736 A3 20040519; EP 1310736 B1 20060802

DOCDB simple family (application)
EP 02023856 A 20021024; AT 02023855 T 20021024; DE 10154198 A 20011107; DE 50202701 T 20021024; DE 50207704 T 20021024; EP 02023855 A 20021024