Title (en)

Controller and control method for a burner

Title (de)

Regelverfahren und Regler zur Regelung eines Brenners

Title (fr)

Régulateur et méthode de régulation pour un brûleur

Publication

EP 1310736 A3 20040519 (DE)

Application

EP 02023855 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

F23N 5/02; F23N 1/08; F24D 19/10; F24H 9/20

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)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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