

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 B1 20060802 (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 8 full level  
**F23N 5/02** (2006.01); **F23N 1/08** (2006.01); **F24D 19/10** (2006.01); **F24H 9/20** (2006.01)

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**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

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