

Title (en)

Burner controller and method of setting a burner controller

Title (de)

Brennerkontroller und Einstellverfahren für einen Brennerkontroller

Title (fr)

Regulateur de brûleur et procédé pour ajuster un regulateur de brûleur

Publication

**EP 1396681 B1 20051207 (DE)**

Application

**EP 02019917 A 20020904**

Priority

EP 02019917 A 20020904

Abstract (en)

[origin: EP1396681A1] The burner controller (15) evaluates the signal of combustion sensor and adjusts an operating component for fuel feed or air feed by comparison of the signal with a set value. The burner controller determines the set value on the basis of a measure for the instantaneous burner output, and also on the basis of a measure of the instantaneous burner energy content. The burner controller determines the set value also by processing of data through desired signals of the combustion sensor during different fuel energy contents on the basis of the measure for the instantaneous fuel energy content. An Independent claim is included for a method for the adjustment procedure for a combustion controller.

IPC 1-7

**F23N 1/02**; **F23N 5/00**; **F23N 5/12**

IPC 8 full level

**F23N 1/02** (2006.01); **F23N 5/00** (2006.01); **F23N 5/12** (2006.01)

CPC (source: EP US)

**F23N 1/022** (2013.01 - EP US); **F23N 5/00** (2013.01 - EP US); **F23N 5/123** (2013.01 - EP US); **F23N 1/02** (2013.01 - EP US); **F23N 5/12** (2013.01 - EP US)

Cited by

CN114060841A; WO2007059991A1; WO2010097427A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 1396681 A1 20040310**; **EP 1396681 B1 20051207**; DE 50205205 D1 20060112; US 2005250061 A1 20051110

DOCDB simple family (application)

**EP 02019917 A 20020904**; DE 50205205 T 20020904; US 65415203 A 20030903