

Title (en)

System for automatically seeking the minimum power deliverable by gas-fired atmospheric burners

Title (de)

System zur automatischen Mindestleistungssuchung geliefert durch atmosphärische Gasbrenner

Title (fr)

Système de recherche automatique de la puissance minimum délivrée par un brûleur atmosphérique à gaz

Publication

EP 0773409 B1 20010801 (EN)

Application

EP 95117841 A 19951113

Priority

EP 95117841 A 19951113

Abstract (en)

[origin: EP0773409A1] An atmospheric burner (1) is associated with a flame presence sensor (5, 8) and an electrical-discharge ignition device (6, 7). It is fed via a flow rate control device (7). Both the ignition device and the flow rate control device are controlled by a microcontroller (4). A user interface (9) enables the user to select the desired power by sending to the microcontroller (4) a request for altering the flow rate and hence for altering the minimum power deliverable by the burner (1). <IMAGE>

IPC 1-7

F23N 5/20; **F24C 3/12**

IPC 8 full level

F23N 5/20 (2006.01); **F24C 3/12** (2006.01); **F23N 5/10** (2006.01)

CPC (source: EP)

F23N 5/203 (2013.01); **F24C 3/126** (2013.01); **F23N 5/10** (2013.01); **F23N 2223/08** (2020.01); **F23N 2227/20** (2020.01); **F23N 2227/36** (2020.01); **F23N 2229/00** (2020.01); **F23N 2231/22** (2020.01); **F23N 2235/16** (2020.01); **F23N 2241/08** (2020.01)

Cited by

JP2014142119A; FR2787177A1; EP1293728A3; CN104896534A; JP2016217651A; US7669590B2; US7255100B2; WO0036341A1; WO2005031215A1; WO0063620A1; WO0129483A1

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

EP 0773409 A1 19970514; **EP 0773409 B1 20010801**; AT E203811 T1 20010815; DE 69522002 D1 20010906; DE 69522002 T2 20020529; ES 2160138 T3 20011101

DOCDB simple family (application)

EP 95117841 A 19951113; AT 95117841 T 19951113; DE 69522002 T 19951113; ES 95117841 T 19951113