

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 A1 19970514 (EN)**

Application

**EP 95117841 A 19951113**

Priority

EP 95117841 A 19951113

Abstract (en)

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)

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Citation (search report)

- [A] EP 0562538 A2 19930929 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0124330 A1 19841107 - AUTOFLAME ENG LTD [GB]
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 071 (M - 0933) 9 February 1990 (1990-02-09)

Cited by

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

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