

Title (en)

Method and device for controlling the tightness of a gas fired radiant tube

Title (de)

Verfahren und Vorrichtung zur Überwachung der Dichtheit eines von einem Gasbrenner befeuerten Strahlrohres

Title (fr)

Méthode et procédé pour contrôler l'étanchéité d'un tube radiant équipé de brûleur à gaz

Publication

EP 1479973 B1 20130327 (DE)

Application

EP 04011332 A 20040513

Priority

DE 10324299 A 20030521

Abstract (en)

[origin: EP1479973A2] The method involves monitoring the operation of the burner (12) and producing a burner signal (32) that can take the values BURNER OFF and BURNER ON, monitoring the burner's exhaust gas flow and deriving an exhaust gas signal (34) with EXHAUST GAS OFF and EXHAUST GAS ON states and combining the signals to output a fault signal (36) in the event of a combination that is not permitted. An independent claim is also included for the following: (a) an arrangement for monitoring the sealing of a radiation pipe heated by a gas burner.

IPC 8 full level

F23N 5/24 (2006.01); **F23C 3/00** (2006.01); **F23M 5/08** (2006.01); **F23M 11/04** (2006.01)

CPC (source: EP US)

F23C 3/002 (2013.01 - EP US); **F23N 5/242** (2013.01 - EP US); **F23N 5/245** (2013.01 - EP US); **F23N 2231/18** (2020.01 - EP US)

Cited by

EP2292976A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1479973 A2 20041124; **EP 1479973 A3 20080305**; **EP 1479973 B1 20130327**; DE 10324299 B3 20041223; PL 1479973 T3 20130830; US 2004265759 A1 20041230

DOCDB simple family (application)

EP 04011332 A 20040513; DE 10324299 A 20030521; PL 04011332 T 20040513; US 85001404 A 20040520