

Title (en)

Method for detecting and evaluating ignition failures

Title (de)

Verfahren zur Erkennung und Beurteilung von Zündproblemen

Title (fr)

Procédé de détection et d'évaluation des défaillances d'allumage

Publication

EP 1039227 A3 20020515 (DE)

Application

EP 00105904 A 20000322

Priority

AT 52999 A 19990323

Abstract (en)

[origin: EP1039227A2] A heating appliance (20) has a regulator (1) fitted with an ignition circuit (2) connected by a wire (11) to an ignition electrode (21) fitted to a gas or oil burner (3) supplied with gas or oil via a fuel pipe (23) fitted with an electromagnetic valve (22). Fitted with a heat exchanger (24) with an exhaust gas-collecting hood (25) linked to a waste gas flue (26), a burner has a monitoring electrode (27) connected to the regulator by a wire (12).

IPC 1-7

F23N 5/20; **F23N 5/12**

IPC 8 full level

F23N 5/12 (2006.01); **F23N 5/20** (2006.01)

CPC (source: EP)

F23N 5/123 (2013.01); **F23N 5/203** (2013.01); **F23N 2227/32** (2020.01); **F23N 2227/36** (2020.01)

Citation (search report)

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- [A] EP 0498034 A2 19920812 - PALOMA KOGYO KK [JP]
- [A] AT 393896 B 19911227 - VAILLANT GMBH [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 039 (M - 1075) 30 January 1991 (1991-01-30)

Cited by

US7103482B2; US6957154B2; US7308367B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1039227 A2 20000927; **EP 1039227 A3 20020515**; **EP 1039227 B1 20051005**; AT 407785 B 20010625; AT A52999 A 20001015; AT E306051 T1 20051015; DE 10014101 A1 20001012; DE 50011271 D1 20060216; ES 2249206 T3 20060401

DOCDB simple family (application)

EP 00105904 A 20000322; AT 00105904 T 20000322; AT 52999 A 19990323; DE 10014101 A 20000322; DE 50011271 T 20000322; ES 00105904 T 20000322