

Title (en)

Gas combustion apparatus for heating purpose

Title (de)

Gasverbrennungsgerät, insbesondere Gasheizgerät

Title (fr)

Appareil à combustion de gaz utilisé à des fins de chauffage

Publication

EP 1239220 A3 20021030 (DE)

Application

EP 01129917 A 20011215

Priority

DE 10111077 A 20010308

Abstract (en)

[origin: EP1239220A2] The burner system (1) incorporates a gas burner (2) inside a combustion chamber (3). There is a lambda sensor (9) in the flue which feeds a signal (11) to a control computer (10). The computer incorporates a microprocessor (13) and a store (14) and has first and second signal lights (15,16). A control lead (12) connects the computer to a control valve (4) which regulates the air and gas inputs (5,6) to the burner.

IPC 1-7

F23N 5/24

IPC 8 full level

F23N 5/24 (2006.01); **F23N 1/02** (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP)

F23N 5/242 (2013.01); **F23N 1/02** (2013.01); **F23N 5/006** (2013.01); **F23N 2225/30** (2020.01); **F23N 2231/20** (2020.01)

Citation (search report)

- [X] EP 0050840 A1 19820505 - DUNGS KARL GMBH & CO [DE]
- [X] EP 0209771 A1 19870128 - BIELER & LANG GMBH [DE]
- [X] DE 19627857 A1 19980115 - STIEBEL ELTRON GMBH & CO KG [DE]
- [A] US 5329273 A 19940712 - PATTON PAUL B [US]

Cited by

EP1467149A1; EP2966353A1; EP3524884A1; EP2103873A2; DE102008015311A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1239220 A2 20020911; **EP 1239220 A3 20021030**; **EP 1239220 B1 20070103**; DE 10111077 A1 20020926; DE 10111077 C2 20031106; DE 50111790 D1 20070215

DOCDB simple family (application)

EP 01129917 A 20011215; DE 10111077 A 20010308; DE 50111790 T 20011215