

Title (en)

Method and device for controlling a burner

Title (de)

Verfahren und Vorrichtung zum Steuern eines Brenners

Title (fr)

Procédé et dispositif pour commander un brûleur

Publication

EP 0926442 A3 20010509 (DE)

Application

EP 98123659 A 19981211

Priority

DE 29722859 U 19971224

Abstract (en)

[origin: EP0926442A2] Oil or gas burner is controlled by an arrangement of a flame monitor (10), an ignition device (11), at least one fuel valve (13, 14) and a motor (12) of a combustion air fan. When there is a flame blow-off, switches are controlled so that the fan motor remains on to supply air to the burner while the ignition device and fuel valves are switched off. Preferably, the switching period is predetermined and can be adjusted. To ensure that the burner can be re-started, the devices are switched on in a given sequence, preferably automatically and immediately after the burner has been purged.

IPC 1-7

F23N 5/20; **F23N 5/24**

IPC 8 full level

F23D 14/72 (2006.01); **F23N 5/20** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [X] US 4243372 A 19810106 - CADE PHILLIP J
- [X] US 4035135 A 19770712 - JACOB SZ ROELOF F
- [X] FR 1418901 A 19651126 - CEM COMP ELECTRO MEC
- [Y] PATENT ABSTRACTS OF JAPAN vol. 012, no. 315 (M - 735) 26 August 1988 (1988-08-26)

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