

Title (en)
Control device for a burner

Title (de)
Regelanordnung für einen Brenner

Title (fr)
Dispositif de commande pour un brûleur

Publication
EP 0825385 A3 19990804 (DE)

Application
EP 97113372 A 19970802

Priority
DE 19633317 A 19960819

Abstract (en)
[origin: EP0825385A2] The burner regulator uses a temperature sensor (2) for detecting the boiler temperature, coupled to both a regulator element (1) and a safety element (6), which each operate a valve (4) inserted in the fuel line (5) to the burner. The regulator element controls the valve to maintain the required boiler temperature, the safety element blocking the valve to cut out the fuel feed for the burner when a maximum boiler temperature is exceeded.

IPC 1-7
F23N 5/02; **F23N 5/24**

IPC 8 full level
F23N 5/02 (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)
F23N 5/02 (2013.01); **F23N 5/24** (2013.01); **F23N 2225/08** (2020.01); **F23N 2233/08** (2020.01); **F23N 2235/14** (2020.01); **F23N 2235/16** (2020.01); **F23N 2241/04** (2020.01)

Citation (search report)

- [X] EP 0614047 A1 19940907 - LANDIS & GYR BUSINESS SUPPORT [CH]
- [A] US 4629113 A 19861216 - BRANDT RANDY L [US], et al
- [A] US 4470541 A 19840911 - RALEIGH WILLIAM F [US]

Cited by
US7090140B2; WO02077529A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0825385 A2 19980225; **EP 0825385 A3 19990804**; **EP 0825385 B1 20060510**; DE 19633317 A1 19980226; DE 59712645 D1 20060614; ES 2259186 T3 20060916

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