

Title (en)
BURNER SUPPLIED WITH FLUID FUEL

Publication
EP 0213258 A3 19870422 (DE)

Application
EP 86100524 A 19831022

Priority

- DE 8230410 U 19821029
- DE 8235312 U 19821216
- DE 8305799 U 19830226
- DE 8306221 U 19830304
- DE 8308544 U 19830319
- DE 8318419 U 19830622
- DE 8319776 U 19830706
- EP 83903374 A 19831022

Abstract (en)
[origin: EP0213258A2] The blower burner for liq. fuels has a blower and motor on one side of the housing and flame tube on the far side. The rear (16) of the tube (11) projects beyond the blower housing back (28) facing the blower motor (5) and reaches into the blower housing cover (22). The tube axis (6) is parallel to the blower axis (24) and the domed cover has an inside servomotor controlled (20) sleeve (19) sliding along the tube (11), the cover thus closing off outlets (27) at the rear end of the tube. The sleeve can be pre-tensioned and split in design. The blower burner has an air/fuel ratio adjuster and a pressure regulator responding to tube inside air pressure and adjusting the rev count of the blower accordingly. The regulator has an integrated measuring tube and transducer in the flame tube.

IPC 1-7
F23D 11/36; **F23D 11/24**; **F23C 7/00**

IPC 8 full level
F23C 7/00 (2006.01); **F23D 11/00** (2006.01); **F23D 11/36** (2006.01); **F23N 1/02** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP)
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Citation (search report)

- [Y] DE 1551662 A1 19701008 - FRITSCH HEINRICH A
- [Y] US 2358982 A 19440926 - LEWIS JOHN D
- [Y] FR 1272148 A 19610922
- [A] US 2084708 A 19370622 - SHERMAN RALLSTON M
- [A] US 4236578 A 19801202 - KREITH FRANK, et al

Designated contracting state (EPC)
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