

Title (en)
PILOT BURNER

Publication
EP 0159421 A3 19860827 (EN)

Application
EP 84301953 A 19840322

Priority
US 57349984 A 19840124

Abstract (en)
[origin: EP0159421A2] Pilot burner apparatus is provided which has improved flame stability and other characteristics. The pilot burner (14) is comprised of a hollow body member (16) having at one end a combustible gas inlet nozzle portion (25) connected to a sleeve portion (20) which forms an outlet (22) at the other end. A heat-retaining member (38) is disposed within the sleeve portion adjacent the outlet end thereof. Upon short duration combustion disturbances, flame stability is maintained by the burner.

IPC 1-7
F23Q 9/00

IPC 8 full level
F23D 14/04 (2006.01); **F23Q 9/00** (2006.01)

CPC (source: EP)
F23Q 9/00 (2013.01)

Citation (search report)

- [X] DE 1629898 A1 19710325 - WITTEN EDELSTAHL
- [X] BE 679953 A 19661003
- [A] DE 1954185 A1 19700709 - BRAUN AG
- [A] US 3154132 A 19641027 - MAZZEO CHARLES F
- [A] US 2828814 A 19580401 - LARKIN JR ROBERT B

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DE19500263A1; US5787874A; EP3647660A4; US11428408B2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0159421 A2 19851030; EP 0159421 A3 19860827; CA 1250801 A 19890307; JP S60216110 A 19851029

DOCDB simple family (application)
EP 84301953 A 19840322; CA 448839 A 19840305; JP 8002484 A 19840420