

Title (en)  
Pilot burner.

Title (de)  
Zündbrenner.

Title (fr)  
Brûleur pilote.

Publication  
**EP 0159421 A2 19851030 (EN)**

Application  
**EP 84301953 A 19840322**

Priority  
US 57349984 A 19840124

Abstract (en)  
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)

Cited by  
DE19500263A1; US5787874A; US11428408B2; EP3647660A4

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