

Title (en)  
Gas burner generating an annular flame

Title (de)  
Gasbrenner mit ringförmiger Flamme

Title (fr)  
Brûleur à gaz produisant une flamme annulaire

Publication  
**EP 1162404 A3 20020821 (EN)**

Application  
**EP 01106681 A 20010316**

Priority  
IT MI20001302 A 20000609

Abstract (en)  
[origin: EP1162404A2] A gas burner (1) is associated with a support member such as a cooking hob (2) and comprises a conduit (5) from which there emerges a gas/air mixture, said conduit (5) being operationally associated with a burner body (8). This latter comprises a base portion (9) and a burner head (10) disposed on said portion, said conduit opening (at 6) into the base portion (9), between said portion (9) and said burner head (10) there being present to the side of the burner body (8) an annular gap (16) at which an annular flame is generated when the burner (1) is activated. A cooking hob with at least one such burner is also claimed.

IPC 1-7  
**F23D 14/06**; **F23D 14/58**

IPC 8 full level  
**F23D 14/06** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)  
**F23D 14/06** (2013.01); **F23D 14/583** (2013.01)

Citation (search report)

- [XY] GB 2224824 A 19900516 - PARKINSON COWAN APPLIANCES LTD [GB]
- [X] GB 1560087 A 19800130 - RUHRGAS AG
- [Y] US 2179951 A 19391114 - GEORGE PETERSEN, et al
- [YA] DE 29805620 U1 19980514 - SCHOTT GLAS [DE]
- [Y] US 4891006 A 19900102 - LE MONNIER DE GOUVILLE JEAN-BE [FR], et al
- [Y] WO 9606304 A1 19960229 - UNIV LEEDS INNOVATIONS LTD [GB], et al
- [A] DE 19751008 C1 19990422 - METALLWAREN HEIDERSDORF GMBH [DE]
- [A] FR 1313704 A 19630104 - LIOTARD METALLURG
- [XP] US 6135764 A 20001024 - KWIATEK DAVID J [US]

Cited by  
US6589046B2; ITMI20111471A1; EP2487413A1; ITTO20110126A1

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