

Title (en)  
Burner

Title (de)  
Brenner

Title (fr)  
Brûleur

Publication  
**EP 0773404 A3 19990113 (DE)**

Application  
**EP 96116459 A 19961015**

Priority  
DE 19541801 A 19951109

Abstract (en)  
[origin: EP0773404A2] The gas burner (1) has a mixing chamber (2) for the combustion gas and the air and a burner head (14) provided with at least two rows of outlet openings (17). The openings in each row extend parallel to one another. The openings in the adjacent rows are offset from one another in the transverse direction of the mixer chamber for preventing resonance effects. Each opening extends perpendicular to the longitudinal direction of the mixing chamber.

IPC 1-7  
**F23D 14/04**; **F23D 14/10**

IPC 8 full level  
**F23D 14/04** (2006.01); **F23D 14/10** (2006.01); **F23D 14/26** (2006.01); **F23D 14/58** (2006.01); **F23D 14/74** (2006.01)

CPC (source: EP)  
**F23D 14/045** (2013.01); **F23D 14/105** (2013.01); **F23D 14/26** (2013.01); **F23D 14/58** (2013.01); **F23D 14/74** (2013.01); **F23D 2210/00** (2013.01)

Citation (search report)

- [XY] GB 1224443 A 19710310 - VAILLANT JOH KG [DE]
- [Y] FR 2319080 A1 19770218 - REMEHA FABRIEKEN BV [NL]
- [Y] DE 9005033 U1 19900712
- [Y] WO 8901116 A1 19890209 - WORGAS BRUCIATORI SRL [IT]
- [Y] BE 709592 A 19680530
- [X] GB 955767 A 19640422 - W APP NFABRIEK N V AS
- [X] DE 9206481 U1 19920625

Cited by  
RU2613105C2; EP0953804A1; FR2777978A1; US6123543A; US9885476B2; WO2008081271A3; WO2018165821A1; WO2005059437A1; WO2015196504A1; WO2006082169A1; WO2014006103A1

Designated contracting state (EPC)  
BE DE FR GB IT

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