

Title (en)  
Gas burner

Title (de)  
Gasbrenner

Title (fr)  
Brûleur à gaz

Publication  
**EP 0844436 A1 19980527 (EN)**

Application  
**EP 96830594 A 19961126**

Priority  
EP 96830594 A 19961126

Abstract (en)  
The invention relates to a gas burner (1) either of the atmospheric or premix type comprising a casing (2, 102) in the shape of a tube or of a ramp and enclosing a mixing element (6) capable, when used, of creating a mixture of gas and air inside the casing (2, 102); in the portion (12) of the wall (13) defining the lateral surface of the casing (2, 102) there is a plurality of first flame ports (14) designed to allow the combustion mixture of gas and air out of the casing (2, 102) and there is also at least one second port (15, 15t) consisting of a structural break, preferably a slot, substantially perpendicular to the longitudinal axis (3) of the casing (2, 102). <IMAGE>

IPC 1-7  
**F23D 14/58**; **F23D 14/10**

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

CPC (source: EP)  
**F23D 14/105** (2013.01); **F23D 14/58** (2013.01)

Citation (search report)  
• [X] NL 8801383 A 19891218 - NEFIT NV  
• [X] EP 0695911 A1 19960207 - WORGAS BRUCIATORI SRL [IT]  
• [X] DE 29514660 U1 19951207 - POLIDORO ALDO [IT]

Cited by  
CN104566379A; CN110513681A; DE19961994A1; DE19961994C2; US6139312A; WO2005059437A1; WO2009151420A1; WO9935439A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0844436 A1 19980527**

DOCDB simple family (application)  
**EP 96830594 A 19961126**