

Title (en)  
Burner with exhaust recirculation

Title (de)  
Brenner mit Abgasrückführung

Title (fr)  
Brûleur à recirculation de fumées

Publication  
**EP 1074790 B1 20041124 (FR)**

Application  
**EP 00430026 A 20000727**

Priority  
FR 9910296 A 19990804

Abstract (en)  
[origin: EP1074790A1] Gas burner (1) has central conduits for gas (100) and liquid (10) combustible, surrounded by an air conduit (2) and additional gas conduits (13) running through the air conduit. Exhaust gases conduits (22) are fixed on the exterior face of the air conduit by linkage (101), which has heat transfer properties. An Independent claim is also included for the heater of turbine exhaust gases using the new burner.

IPC 1-7  
**F23C 9/08**; **F23D 17/00**; **F23D 14/78**

IPC 8 full level  
**F23C 9/08** (2006.01); **F23D 14/78** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP)  
**F23C 9/08** (2013.01); **F23D 14/78** (2013.01); **F23D 17/002** (2013.01); **F23C 2202/20** (2013.01); **F23C 2202/40** (2013.01)

Cited by  
EP1980788A1; CN112303621A; IT202000028394A1; CN110360559A; CN103277795A; CN109631036A; CN110594743A; FR2914398A1; CN116379431A; WO2022113000A3; WO2007134580A1

Designated contracting state (EPC)  
DE ES GB IT NL

DOCDB simple family (publication)  
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