

Title (en)  
Atmospheric gas burner

Title (de)  
Atmosphärischer Gasbrenner

Title (fr)  
Brûleur à gaz atmosphérique

Publication  
**EP 1120604 B1 20040421 (DE)**

Application  
**EP 01101705 A 20010125**

Priority  
DE 10003650 A 20000128

Abstract (en)  
[origin: EP1120604A1] The burner has a burner surface (1) with gas exit openings with at least one cooling channel (3) near the gas exit openings on the gas supply side and a plastics tray-shaped gas-air mixing passage (5) on the gas supply side. The gas-air mixing passage has a gas-air entry area (14), a gas-air mixing area (15) and a chamber (16), which is arranged on the gas supply side. A gas distributor (17) is arranged in the gas-air entry area. The burner surface and cooling channel form a material connection body, which is made of heat-conducting material, preferably aluminium.

IPC 1-7  
**F23D 14/10**; **F23D 14/58**; **F23D 14/78**

IPC 8 full level  
**F23D 14/10** (2006.01); **F23D 14/58** (2006.01); **F23D 14/78** (2006.01)

CPC (source: EP)  
**F23D 14/105** (2013.01); **F23D 14/583** (2013.01); **F23D 14/78** (2013.01)

Cited by  
EP1703202A1

Designated contracting state (EPC)  
AT BE DE FR IT NL

DOCDB simple family (publication)  
**EP 1120604 A1 20010801**; **EP 1120604 B1 20040421**; AT E265021 T1 20040515; DE 10003650 A1 20010816; DE 50102019 D1 20040527

DOCDB simple family (application)  
**EP 01101705 A 20010125**; AT 01101705 T 20010125; DE 10003650 A 20000128; DE 50102019 T 20010125