

Title (en)  
Improvements relating to flat flame burners

Title (de)  
Verbesserungen an Flachflammenbrennern

Title (fr)  
Perfectionnements apportés aux brûleurs à flamme plate

Publication  
**EP 1031790 B1 20041013 (FR)**

Application  
**EP 00400320 A 20000204**

Priority  
FR 9902378 A 19990225

Abstract (en)  
[origin: EP1031790A1] The burner has a fuel injection tube (18,19) extending along the burner axis and an air feed (10) formed in the casing between the side openings (11). The fuel is fed from the tube via axial openings (25) in a plane adjacent to the external plane of the combustion tunnel (9) to provide a pre-dilution of the charge before burning.

IPC 1-7  
**F23D 14/22**

IPC 8 full level  
**F23D 14/56** (2006.01); **F23D 14/22** (2006.01)

CPC (source: EP US)  
**F23D 14/22** (2013.01 - EP US); **F23C 2202/40** (2013.01 - EP US)

Cited by  
EP3217094A1; US8480394B2; WO2007088458A1; WO2017153348A1; US10914468B2

Designated contracting state (EPC)  
AT DE ES GB IT

DOCDB simple family (publication)  
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**EP 00400320 A 20000204**; AT 00400320 T 20000204; CA 2299530 A 20000222; CN 00102677 A 20000225; DE 00400320 T 20000204; DE 60014727 T 20000204; ES 00400320 T 20000204; FR 9902378 A 19990225; JP 2000046033 A 20000223; US 51230700 A 20000224