

Title (en)
BURNER FOR A GAS AND AIR MIXTURE

Title (de)
BRENNER FÜR EIN GAS/LUFT-GEMISCH

Title (fr)
BRULEUR POUR MELANGE GAZ/AIR

Publication
EP 1373799 A1 20040102 (DE)

Application
EP 02719999 A 20020325

Priority
• DE 10114903 A 20010326
• EP 0203342 W 20020325

Abstract (en)
[origin: US6997701B2] A burner for a gas/air mixture with an inlet (2) for the gas/air mixture, wherein a jet tube (7) is located downstream of the inlet (2). The jet tube (7) has a jacket surface with a plurality of breakthroughs (8) and is surrounded radially a flame stabilizing device.

IPC 1-7
F23D 14/14; **F23D 14/16**; **F23C 11/00**

IPC 8 full level
F23D 14/14 (2006.01); **F23C 99/00** (2006.01); **F23D 14/16** (2006.01); **F23D 14/70** (2006.01); **F24H 1/43** (2006.01)

CPC (source: EP US)
F23C 99/006 (2013.01 - EP US); **F23D 14/145** (2013.01 - EP US); **F23D 14/16** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US);
F24H 1/43 (2013.01 - EP US); **F23D 2203/1012** (2013.01 - EP US); **F23D 2203/108** (2013.01 - EP US); **F23D 2212/101** (2013.01 - EP US)

Cited by
CN116734246A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02077525 A1 20021003; AT E404819 T1 20080815; CN 1535367 A 20041006; DE 10114903 A1 20021017; DE 50212635 D1 20080925;
EP 1373799 A1 20040102; EP 1373799 B1 20080813; JP 2004522128 A 20040722; US 2004091831 A1 20040513; US 6997701 B2 20060214

DOCDB simple family (application)
EP 0203342 W 20020325; AT 02719999 T 20020325; CN 02810294 A 20020325; DE 10114903 A 20010326; DE 50212635 T 20020325;
EP 02719999 A 20020325; JP 2002575535 A 20020325; US 47302403 A 20030925