

Title (en)

BURNER WITH DIFFUSER RESISTANT TO HIGH OPERATING TEMPERATURES

Title (de)

BRENNER MIT EINEM GEGEN HOHE BETRIEBSTEMPERATUREN RESISTENTEN DIFFUSOR

Title (fr)

BRULEUR COMPRENANT UN DIFFUSEUR RESISTANT A DES TEMPERATURES DE FONCTIONNEMENT ELEVEES

Publication

EP 1802916 B1 20120125 (EN)

Application

EP 05789535 A 20051010

Priority

- EP 2005010897 W 20051010
- IT MO20040277 A 20041022

Abstract (en)

[origin: WO2006045426A2] A burner suppliable with a mixture of air and fuel, comprising a diffuser (1; 1a) on which holes are made for the passage and subsequent combustion of said mixture, said diffuser (1; 1a) being divided into a plurality of diffuser elements (2) adjacent to one another, said diffuser elements (2) are fixable to a support and distribution element (11; 14; 14a; 14b; 14c) provided with first coupling means (12) for coupling with said diffuser elements (2) and with openings (13) for distributing said mixture to said diffuser elements (2).

IPC 8 full level

F23D 14/02 (2006.01)

CPC (source: EP US)

F23D 14/02 (2013.01 - EP US); **F23D 14/583** (2013.01 - EP US); **F23D 2203/1012** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006045426 A2 20060504; WO 2006045426 A3 20060706; AT E543047 T1 20120215; EP 1802916 A2 20070704; EP 1802916 B1 20120125; IT MO20040277 A1 20050122; RU 2006145638 A 20080627; US 2007298361 A1 20071227

DOCDB simple family (application)

EP 2005010897 W 20051010; AT 05789535 T 20051010; EP 05789535 A 20051010; IT MO20040277 A 20041022; RU 2006145638 A 20051010; US 62999605 A 20051010