

Title (en)
Premix Burner

Title (de)
Vormischbrenner

Title (fr)
Brûleur à prémélange

Publication
EP 1645802 B1 20150819 (DE)

Application
EP 05108942 A 20050928

Priority
DE 102004049491 A 20041011

Abstract (en)
[origin: EP1645802A2] The premixing burner has a grating for combustible air flow, a fuel dosing means (17a,17b) for intake of fuel and air inlet slots. The dosing of fuel in the combustible air is done with the help of fuel dosing means whereby at least one dosing means (5) is arranged in the spin area of the fuel flange (3).

IPC 8 full level
F23D 17/00 (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)
F23D 17/002 (2013.01 - EP US); **F23R 3/286** (2013.01 - EP US); **F23C 2900/07002** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US)

Cited by
CN111886068A; US10557634B2; US9028247B2; WO2007134580A1; WO2009127240A1; US8776524B2; EP2071156A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1645802 A2 20060412; EP 1645802 A3 20130508; EP 1645802 B1 20150819; DE 102004049491 A1 20060420;
US 2006183069 A1 20060817; US 7780437 B2 20100824

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