

Title (en)
GAS PREMIX BURNER

Title (de)
GASVORMISCHBRENNER

Title (fr)
BRÛLEUR DE GAZ PRÉ-MÉLANGÉ

Publication
EP 3017098 B1 20190605 (EN)

Application
EP 14735913 A 20140701

Priority
• EP 13174661 A 20130702
• EP 2014063902 W 20140701
• EP 14735913 A 20140701

Abstract (en)
[origin: WO2015000869A1] The invention describes a gas premix burner comprising a perforated plate, a woven wire mesh or an expanded metal sheet; and a woven, knitted or braided burner deck comprising metal fibers supported by the perforated plate, woven wire mesh or expanded metal sheet. The woven, knitted or braided burner deck comprises at least a zone with a high density of at least 1250 g/dm³. The zone with a high density includes at least 25% of the surface of the burner deck

IPC 8 full level
D03D 15/12 (2006.01); **F23D 14/02** (2006.01); **F23D 14/14** (2006.01); **F24H 1/18** (2006.01)

CPC (source: EP US)
F23D 14/02 (2013.01 - EP US); **F23D 14/145** (2013.01 - EP US); **F24H 1/186** (2013.01 - EP US); **F23D 2203/1017** (2013.01 - EP US); **F23D 2203/102** (2013.01 - EP US); **F23D 2212/201** (2013.01 - EP US); **F23D 2900/00019** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015000869 A1 20150108; CN 105339539 A 20160217; CN 105339539 B 20180706; EP 3017098 A1 20160511; EP 3017098 B1 20190605; TR 201910322 T4 20190722; US 2016123580 A1 20160505

DOCDB simple family (application)
EP 2014063902 W 20140701; CN 201480035718 A 20140701; EP 14735913 A 20140701; TR 201910322 T 20140701; US 201414893883 A 20140701