

Title (en)

METHOD FOR OPERATING A MULTI GAS BURNER AND MULTI GAS BURNER

Title (de)

VERFAHREN ZUM BETRIEB EINES MULTIGASBRENNERS SOWIE MULTIGASBRENNER

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN BRÛLEUR MULTIGAZ ET BRÛLEUR MULTIGAZ

Publication

EP 2834563 B1 20160302 (DE)

Application

EP 12732523 A 20120605

Priority

EP 2012002402 W 20120605

Abstract (en)

[origin: WO2013182214A1] The invention relates to a method for operating a multi gas burner comprising at least one burner lance with a first, second and third nozzle, and further comprising a first, second and third supply chamber. For a high-calorific operation, air is fed via the first nozzle, O₂-depleted gas is fed via the second nozzle and the high-calorific fuel gas is fed via the third nozzle into the combustion chamber and all are combusted therein. The invention further relates to a multi gas burner for operation with a low-calorific and high-calorific fuel gas.

IPC 8 full level

F23D 14/22 (2006.01)

CPC (source: CN EP KR US)

F23C 9/00 (2013.01 - US); **F23D 14/22** (2013.01 - CN EP KR 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 2013182214 A1 20131212; BR 112014029474 A2 20170627; CA 2871074 A1 20131212; CA 2871074 C 20190226; CN 104541102 A 20150422; CN 104541102 B 20170315; EP 2834563 A1 20150211; EP 2834563 B1 20160302; IN 9007DEN2014 A 20150522; JP 2015522785 A 20150806; JP 5890589 B2 20160322; KR 20150027054 A 20150311; RU 2014145113 A 20160727; US 2015111159 A1 20150423

DOCDB simple family (application)

EP 2012002402 W 20120605; BR 112014029474 A 20120605; CA 2871074 A 20120605; CN 201280073295 A 20120605; EP 12732523 A 20120605; IN 9007DEN2014 A 20141028; JP 2015515392 A 20120605; KR 20147032291 A 20120605; RU 2014145113 A 20120605; US 201214400494 A 20120605