

Title (en)

Modular High-power burner device

Title (de)

Modularer Hochleistungsbrenner

Title (fr)

Brûleur modulaire à grande puissance

Publication

**EP 1813864 A2 20070801 (EN)**

Application

**EP 06023922 A 20061117**

Priority

IT MI20060147 A 20060127

Abstract (en)

A burner (1) to be supplied with a fuel comprises a diffuser (3) with a pattern of openings (5) for the fuel to pass therethrough and be combusted, a fuel conduction pathway (7) to the diffuser (3, 8), wherein the diffuser (3) comprises a plate-like body (8) with two opposite diffusion surfaces (9, 10) facing the outside of the plate-like body (8), such as to allow a combustion to take place on two opposite sides (17, 18) of a same plate-like body (8).

IPC 8 full level

**F23D 14/10** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)

**F23D 14/10** (2013.01); **F23D 14/58** (2013.01); **F23D 2203/101** (2013.01); **F23D 2203/1012** (2013.01); **F23D 2203/1017** (2013.01); **F23D 2203/102** (2013.01); **F23D 2203/106** (2013.01); **F23D 2203/108** (2013.01); **F23D 2211/00** (2013.01); **F23D 2212/10** (2013.01); **F23D 2212/20** (2013.01); **F23D 2900/00003** (2013.01); **F23D 2900/00012** (2013.01)

Cited by

WO2009065733A1; GB2523733A; CN102597624A; CN107662714A; CN115355503A; JP2015105788A; GB2523244A; GB2523244B; EP2037175A3; US10989406B2; WO2019165385A1; US9625155B2; US10001280B2; WO2023028129A1; EP2037175B1

Designated contracting state (EPC)

DE GB IT NL TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1813864 A2 20070801**; **EP 1813864 A3 20130306**; IT MI20060147 A1 20070728

DOCDB simple family (application)

**EP 06023922 A 20061117**; IT MI20060147 A 20060127