

Title (en)

GAS BURNER WITH MULTIPLE FLAME RINGS

Title (de)

GASBRENNER MIT MEHREREN FLAMMENRINGEN

Title (fr)

BRÛLEUR À GAZ À MULTIPLES COURONNES DE FLAMMES

Publication

EP 1781989 B1 20151209 (EN)

Application

EP 05773155 A 20050624

Priority

- EP 2005006838 W 20050624
- IT VE20040031 A 20040709

Abstract (en)

[origin: WO2006005428A1] A multiple sector gas burner with flames distributed over a substantially circular inner portion and over an outer portion, characterised by the following combination: - it presents a single gas inlet in communication with at least one injector (14) disposed substantially horizontal, - with said at least one injector (14) there is associated a venturi conduit (26) of linear extension disposed substantially horizontal, - the primary air required for burner operation comes from the top external to the hob, - the secondary air required for burner operation comes from the top external to the hob.

IPC 8 full level

F23D 14/06 (2006.01)

CPC (source: EP)

F23D 14/065 (2013.01); **F23D 2900/14062** (2013.01)

Citation (examination)

- WO 9908046 A1 19990218 - DEFENDI OFF MEC SRL [IT], et al
- US 6742514 B1 20040601 - EASTMAN II ROBERT [US]

Cited by

US10317088B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2006005428 A1 20060119; BR PI0513197 A 20080429; BR PI0513197 B1 20170613; CN 1985126 A 20070620; CN 1985126 B 20110202; EG 25057 A 20110720; EP 1781989 A1 20070509; EP 1781989 B1 20151209; ES 2564581 T3 20160323; IT VE20040031 A1 20041009; MX PA06015017 A 20070509; PL 1781989 T3 20160630

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