

Title (en)

GAS BURNER WITH SEVERAL FLAME SECTORS

Title (de)

GASBRENNER MIT MEHREREN FLAMMENSEKTOREN

Title (fr)

BRULEUR A GAZ A PLUSIEURS SECTEURS DE FLAMME

Publication

EP 1459012 B1 20090805 (EN)

Application

EP 02801909 A 20021023

Priority

- EP 0211846 W 20021023
- IT VE20010043 A 20011024

Abstract (en)

[origin: WO03036168A1] A gas burner with several flame sectors for cooking appliances, comprising: a cup (2) positioned below the hob and provided with an injector (4) which forms a gas mixture with primary air originating from outside the hob, a flame divider (12) superposed on said cup and comprising a radial venturi tube (14) connected to two concentric annular chambers (32,34), caps (40,46) closing said annular tubes, the secondary air originating from outside the hob, characterised in that said flame divider presents four mutually concentric flame rings (36,38,40,42).

IPC 8 full level

F23D 14/06 (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP)

F23D 14/065 (2013.01); **F24C 3/085** (2013.01); **F23D 2900/14062** (2013.01)

Cited by

CN108036314A; RU2701432C2; WO2016142872A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03036168 A1 20030501; AT E438830 T1 20090815; DE 60233259 D1 20090917; EP 1459012 A1 20040922; EP 1459012 B1 20090805; IT VE20010043 A1 20030424

DOCDB simple family (application)

EP 0211846 W 20021023; AT 02801909 T 20021023; DE 60233259 T 20021023; EP 02801909 A 20021023; IT VE20010043 A 20011024