

Title (en)

Gas burner and cooking appliance using such burner

Title (de)

Gasbrenner und diesen verwendendes Kochgerät

Title (fr)

Brûleur à gaz et appareil de cuisson utilisant un tel brûleur

Publication

EP 1195556 A1 20020410 (FR)

Application

EP 01402549 A 20011003

Priority

- CA 2412117 A 20021120
- FR 0012619 A 20001003

Abstract (en)

[origin: US2002039713A1] All-gas burner 1 the shape of the peripheral wall 9 of which is not circular in order to increase the heat exchange surface with the item to be heated. The ejection orifices 11 which cross this peripheral wall are created so as to permit a substantially complete combustion of the gas.

Abstract (fr)

Brûleur tous gaz 1 dont la forme de la paroi périphérique 9 est non circulaire afin d'augmenter la surface d'échange thermique avec l'objet à chauffer. Les orifices d'éjection 11 qui traversent cette paroi périphérique sont agencés afin de permettre une combustion sensiblement complète du gaz. <IMAGE>

IPC 1-7

F23D 14/06; **F24C 3/08**

IPC 8 full level

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

CPC (source: EP US)

F23D 14/06 (2013.01 - EP US); **F24C 3/085** (2013.01 - EP US); **F23D 2900/14064** (2013.01 - EP US)

Citation (applicant)

- NL 31636 C
- US 2257399 A 19410930 - PARKER CLAUDE E
- US 2320754 A 19430601 - SHERMAN ALVIN G
- WO 9601572 A1 19960125 - PROCTER & GAMBLE [US]

Citation (search report)

- [XY] GB 2240168 A 19910724 - GAZ DE FRANCE [FR]
- [X] US 2344144 A 19440314 - HOBSON STANLEY H
- [X] EP 0719982 A1 19960703 - GAZ DE FRANCE [FR]
- [Y] FR 2776753 A1 19991001 - GAZ DE FRANCE [FR]
- [Y] WO 9815780 A1 19980416 - SOURDILLON SA [FR], et al

Cited by

EP3121515A1; CN107850298A; AU2016296045B2; WO2017012826A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1195556 A1 20020410; **EP 1195556 B1 20060823**; AT E337524 T1 20060915; CA 2412117 A1 20040520; DE 60122447 D1 20061005; DE 60122447 T2 20070524; ES 2269326 T3 20070401; FR 2814795 A1 20020405; FR 2814795 B1 20051021; US 2002039713 A1 20020404; US 6655954 B2 20031202

DOCDB simple family (application)

EP 01402549 A 20011003; AT 01402549 T 20011003; CA 2412117 A 20021120; DE 60122447 T 20011003; ES 01402549 T 20011003; FR 0012619 A 20001003; US 97031001 A 20011003