

Title (en)
Gas burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 2466201 A3 20160518 (EN)

Application
EP 11386024 A 20111208

Priority
GR 20100100727 A 20101216

Abstract (en)
[origin: EP2466201A2] The gas burner is comprised of a body (1) with a grooved diffuser-cap (3) characterized by a second grooved diffuser-ring (2). The grooved diffuser is comprised of two separate parts: the grooved diffuser-ring and the grooved diffuser-cap. In order to modify the maximum capacity of the burner the grooved diffuser-cap can be removed or added. The number and angle of the grooves aid in shaping the flame around the burner, hence determining the final diameter of the heating zone and, consequently, that of the cookware, thus avoiding energy losses. Meanwhile, the cost of production, cleaning and maintenance is very low.

IPC 8 full level
F23D 14/06 (2006.01)

CPC (source: EP GR)
F23D 14/06 (2013.01 - EP GR); **F24C 3/085** (2013.01 - GR); **F23D 2900/14062** (2013.01 - EP)

Citation (search report)

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- [X] US 4518346 A 19850521 - PISTIEN JACQUES F [FR]
- [X] US 2006051718 A1 20060309 - KAMAL AZFAR [US], et al
- [X] US 1923393 A 19330822 - PICKUP GEORGE E

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CN105546534A; WO2013029138A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2466201 A2 20120620; EP 2466201 A3 20160518; EP 2466201 B1 20190306; GR 1007692 B 20120918; GR 20100100727 A 20120713

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EP 11386024 A 20111208; GR 20100100727 A 20101216