

Title (en)

Gas burner with multiple flame rings

Title (de)

Gasbrenner mit mehreren Flammenringen

Title (fr)

Bruleur à gaz comportant plusieurs couronnes de flammes

Publication

**EP 2551589 A2 20130130 (EN)**

Application

**EP 12175837 A 20120711**

Priority

TR 201107431 A 20110728

Abstract (en)

A multiple gas burner (1), which homogenously heats the cookers such as fryers and saucepans located on it and has a high power value (4 Kw-5 kW) and in which adequate amount of secondary air feeding is provided to the ports inside and where successive flame jump occurs from the inner circles to the outer circles, is explained. In the said burner (1) in order to provide a homogenous heating, there exist at least two little flame crowns (1.3) which are symmetric to the center of the big flame crown (1.2) and have equivalent powers. In order to provide an adequate secondary air feeding, there exist at least two big flame crown upper ducts (1.2.6) and in order to provide successive flame jumps, there exist angular ports (1.2.3). The said at least two equivalent little flame crowns (1.3) are located in the space (1.2.7) in the center of the big flame crown (1.2) and located symmetrically with respect to the center of the big flame crown (1.2) in order to heat the cookers such as fryers and saucepans located on the burner homogenously.

IPC 8 full level

**F23D 14/06** (2006.01)

CPC (source: EP)

**F23D 14/06** (2013.01); **F24C 3/085** (2013.01); **F23D 2900/14062** (2013.01)

Cited by

CN104696963A; EP3270056A4; EP3343107A1; US2016178210A1; US10094558B2; US10465903B2; WO2016145746A1; WO2016145744A1; US10393371B2; US10767857B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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