

Title (en)

IMPROVED GAS BURNER SYSTEM FOR FOOD COOKING

Title (de)

VERBESSERTES GASBRENNERSYSTEM ZUM KOCHEN VON LEBENSMITTELN

Title (fr)

SYSTÈME DE BRÛLEUR A GAZ AMÉLIORÉ POUR LA CUISSON DES ALIMENTS

Publication

**EP 1809946 B1 20190220 (EN)**

Application

**EP 05805769 A 20051026**

Priority

- IB 2005003188 W 20051026
- IT TO20040794 A 20041112

Abstract (en)

[origin: WO2006051368A1] A gas burner system (1) for food cooking is described, comprising a pair of concentric burners , the gas to be supplied to the pair of burners (3, 4) being suitably mixed with air taken above the cooking top (16) on which the burner system (1) is mounted, so as to form an air-gas mixture for the pair of burners, said pair of burners comprising: an outer burner (3) fitted with a first cap (7) having a lower surface and an upper surface and, - an inner burner (4) fitted with a second cap (8) having a lower surface and an upper surface. The lower surface of at least one cap (7, 8) is, in its distal development, substantially inclined upward relative to the bearing plane of said cap (7, 8), so that the flow of air-gas mixture is directed upward, in particular toward apertures (5, 6) for the formation and propagation of the flame.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- US 6332460 B1 20011225 - PAESANI CARLO [IT]
- FR 1335280 A 19630816 - FARGAS S P A

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CN112524611A; WO2016145744A1

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