

Title (en)
Cooking top with gas burner

Title (de)
Kochplatte mit Gasbrenner

Title (fr)
Table de cuisson avec brûleur à gaz

Publication
EP 2487413 A1 20120815 (EN)

Application
EP 12154772 A 20120209

Priority
IT TO20110126 A 20110214

Abstract (en)
The present invention relates to a gas burner (1), in particular for a household cooking appliance, said burner (1) comprising: - a cup (10) comprising an injector (11) for letting out gas coming from a duct (12) that supplies gas to said burner (1); - a body (20) associated with said cup (10) and comprising a Venturi effect chamber (21), in particular said chamber (21) being positioned substantially coaxial to said injector (11); - a cap (30) associated with said body (20) in a manner such as to allow gas to come out through a plurality of apertures (31). The invention is characterized in that said Venturi effect chamber (21) comprises an inlet portion (21A), an intermediate portion (21B) and an outlet portion (21C), said outlet portion (21C) being positioned in a first horizontal plane (P1) lying above a second horizontal plane (P2) in which said apertures (31) lie.

IPC 8 full level
F23D 14/06 (2006.01)

CPC (source: EP)
F23D 14/06 (2013.01)

Citation (search report)

- [X] GB 876222 A 19610830 - WILLIAM BERNARD FIRNER
- [X] GB 1579322 A 19801119 - GLYNWED DOMESTIC & HEATING APP
- [A] FR 1313704 A 19630104 - LIOTARD METALLURG
- [A] EP 1162404 A2 20011212 - WHIRLPOOL CO [US]
- [A] GB 2100411 A 19821222 - SABAF SPA

Cited by
US10928061B2

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 2487413 A1 20120815; EP 2487413 B1 20161123; IT TO20110126 A1 20120815; PL 2487413 T3 20170831

DOCDB simple family (application)
EP 12154772 A 20120209; IT TO20110126 A 20110214; PL 12154772 T 20120209