

Title (en)
Gas burner for a cooktop

Title (de)
Gasbrenner für ein Kochfeld

Title (fr)
Brûleur au gaz pour table de cuisson

Publication
EP 2833060 A1 20150204 (EN)

Application
EP 13178981 A 20130801

Priority
EP 13178981 A 20130801

Abstract (en)
A gas burner comprises a flame ring, a Venturi tube to feed said flame ring, and a gas injector having a nozzle with an orifice to inject a burnable gas in said Venturi tube to feed said flame ring, wherein a flow perturbation element is provided in a region between said orifice and a middle portion of said Venturi tube to impact the air - gas mixing.

IPC 8 full level
F23D 14/06 (2006.01); **F23D 14/64** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP US)
F23D 14/06 (2013.01 - EP US); **F23D 14/64** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US); **F24C 3/08** (2013.01 - US);
F23D 2900/14701 (2013.01 - EP US)

Citation (search report)

- [XYI] WO 2012001714 A1 20120105 - SABAF SPA [IT], et al
- [Y] US 2010310998 A1 20101209 - RALEIGH WILLIAM F [US], et al
- [A] DE 29500619 U1 19950223 - VAILLANT JOH GMBH & CO [DE]

Cited by
CN104776433A; CN114608007A

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 2833060 A1 20150204; US 2015034070 A1 20150205

DOCDB simple family (application)
EP 13178981 A 20130801; US 201414447057 A 20140730