

Title (en)

Burner cap for gas range and burner with same

Title (de)

Brennerkappe für Gasherde und Gasherd-Brenner mit einer solchen Brennerkappe

Title (fr)

Chapeau de brûleur pour cuisinière à gaz et brûleur doté d'un tel chapeau

Publication

EP 2290287 A3 20140820 (DE)

Application

EP 10174077 A 20100826

Priority

CN 200910034393 A 20090827

Abstract (en)

[origin: EP2290287A2] The burner cap has a cap body (1) formed in circular shape and provided with a surface area. A gas reviving space is formed on a bottom side of the cap body, and penetrative burning outlets (3) are arranged on the cap body. A head-shaped mold (4) is arranged on the surface area and concentrically arranged on the cap body. The head-shaped mold includes two separate sections, and a mold draft (5) is provided on one of the sections and turned away on a center circle of the cap body. The burning outlets are formed on the sections of the head-shaped mold. An independent claim is also included for a burner including flame propagation rings.

IPC 8 full level

F23D 14/06 (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)

F23D 14/06 (2013.01); **F23D 14/58** (2013.01); **F23D 2900/14062** (2013.01)

Citation (search report)

- [XPA] EP 2189718 A2 20100526 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [XA] CN 201209862 Y 20090318 - ZHOU JIANJI [CN]

Cited by

CN103759262A; CN104676591A; CN105351935A; US2014060517A1; CN111720823A; US11536449B2; US9593854B2; WO2018144776A1; WO2021094151A1; WO2011160762A1; EP2592356A1; WO2013068230A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2290287 A2 20110302; **EP 2290287 A3 20140820**; **EP 2290287 B1 20171011**; CN 101995020 A 20110330; CN 101995020 B 20140723

DOCDB simple family (application)

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