

Title (en)

A DUAL CIRCUIT BURNER, A GAS BURNER ARRANGEMENT AND A GAS STOVE

Title (de)

ZWEIKREISBRENNER, GASBRENNERANORDNUNG UND GASHERD

Title (fr)

BRÛLEUR À DEUX CIRCUITS, AGENCEMENT DE BRÛLEUR À GAZ ET CUISINIÈRE À GAZ

Publication

**EP 3591289 A1 20200108 (EN)**

Application

**EP 19182852 A 20190627**

Priority

ES 201830668 A 20180704

Abstract (en)

A dual circuit burner (3) for a gas stove (1), the dual circuit burner (3) comprising a burner body (14) having outer gas outlet openings (15) for providing circularly arranged outer flames, inner gas outlet openings (16) for providing circularly arranged inner flames, at least one secondary air outlet opening (17) for providing secondary air (20) at the inner gas outlet openings (16), and a secondary air chamber (25) which is fluidly connected to the at least one secondary air outlet opening (17), wherein the secondary air chamber (25) is at least partially ring-shaped when looking from above.

IPC 8 full level

**F23D 14/06** (2006.01); **F23L 9/02** (2006.01)

CPC (source: EP ES)

**F23D 14/06** (2013.01 - EP ES); **F23L 9/02** (2013.01 - EP); **F24B 5/00** (2013.01 - ES); **F24B 5/02** (2013.01 - ES); **F24B 5/025** (2013.01 - ES); **F24B 5/06** (2013.01 - ES); **F24C 3/08** (2013.01 - ES); **F24C 3/082** (2013.01 - ES); **F24C 3/085** (2013.01 - ES); **F24C 15/00** (2013.01 - ES); **F23D 2900/14062** (2013.01 - EP)

Citation (search report)

- [XAI] US 2011011389 A1 20110120 - RYU JUNG-WAN [KR], et al
- [A] EP 0552135 A2 19930721 - SMEG SPA [IT]
- [A] US 2017370594 A1 20171228 - BALDERAS JONATHAN TOVAR [MX], et al

Cited by

WO2023099717A1

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 3591289 A1 20200108**; **EP 3591289 B1 20210811**; ES 2737125 A1 20200110

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