

Title (en)
GAS BURNER ARRANGEMENT AND HOUSEHOLD COOKING APPLIANCE

Title (de)
GASBRENNERANORDNUNG UND HAUSHALTSGARGERÄT

Title (fr)
AGENCEMENT DE BRÛLEUR À GAZ ET APPAREIL DE CUISSON MÉNAGER

Publication
EP 3679299 A1 20200715 (DE)

Application
EP 18772890 A 20180824

Priority
• ES 201731070 A 20170905
• IB 2018056425 W 20180824

Abstract (en)
[origin: WO2019048971A1] The invention relates to a gas burner arrangement (11) for a household cooking appliance (1), comprising a gas burner (2) and a heating plate (3) on which the gas burner (2) is mounted, the gas burner (2) comprising a first mixing chamber (39) for mixing fuel gas (B) with primary air (P), a second mixing chamber (42) separate from the first mixing chamber (39), for mixing fuel gas (B) with primary air (P), at least one first primary air opening (27, 28) for supplying the primary air (P) to the first mixing chamber (39), and at least one second primary air opening (45) for supplying the primary air (P) to the second mixing chamber (42), the at least one first primary air opening (27, 28) being arranged below the heating plate (3) and the at least one second primary air opening (45) above the heating plate (3).

IPC 8 full level
F23D 14/06 (2006.01)

CPC (source: EP ES US)
F23D 14/06 (2013.01 - EP US); **F23D 14/64** (2013.01 - ES US); **F24C 3/085** (2013.01 - ES US); **F23D 2900/14062** (2013.01 - EP US)

Citation (search report)
See references of WO 2019048971A1

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)
WO 2019048971 A1 20190314; EP 3679299 A1 20200715; EP 3679299 B1 20211006; ES 2702785 A1 20190305; US 11655976 B2 20230523; US 2020182457 A1 20200611

DOCDB simple family (application)
IB 2018056425 W 20180824; EP 18772890 A 20180824; ES 201731070 A 20170905; US 201816641265 A 20180824