

Title (en)

INJECTOR DEVICE FOR A GAS BURNER OF A HOUSEHOLD APPLIANCE, GAS BURNER AND HOUSEHOLD APPLIANCE

Title (de)

INJEKTORVORRICHTUNG FÜR EINEN GASBRENNER EINES HAUSHALTSGERÄTS, GASBRENNER UND HAUSHALTSGERÄT

Title (fr)

DISPOSITIF D'INJECTION POUR UN BRÛLEUR À GAZ D'UN APPAREIL MÉNAGER, BRÛLEUR À GAZ ET APPAREIL MÉNAGER

Publication

EP 3728948 B1 20240529 (EN)

Application

EP 18816247 A 20181126

Priority

- ES 201731445 A 20171221
- IB 2018059293 W 20181126

Abstract (en)

[origin: WO2019123052A1] The invention relates to an injector device (3) for a gas burner (2) of a household appliance (1), wherein the injector device (3) has a tube portion (20) through which gas (12) flows during operation of the gas burner (2), and a wall portion (21) delimiting the tube portion (20). The wall portion (21) has at least two openings (22) through which gas exits the injector device (3) during operation of the gas burner (2). The at least two openings (22) are configured to divide a single gas stream flowing through the tube portion (20) during operation of the gas burner (2) into separated gas streams (23). The invention further relates to a gas burner (2) with such an injector device (3) and to a household appliance (1) with at least one gas burner (2).

IPC 8 full level

F23D 14/58 (2006.01); **F23D 14/64** (2006.01)

CPC (source: EP ES)

F23D 14/46 (2013.01 - ES); **F23D 14/48** (2013.01 - ES); **F23D 14/58** (2013.01 - EP); **F23D 14/64** (2013.01 - EP); **F24C 3/08** (2013.01 - ES)

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

DOCDB simple family (publication)

WO 2019123052 A1 20190627; CN 111492179 A 20200804; CN 111492179 B 20230829; EP 3728948 A1 20201028; EP 3728948 B1 20240529; ES 2717549 A1 20190621

DOCDB simple family (application)

IB 2018059293 W 20181126; CN 201880082698 A 20181126; EP 18816247 A 20181126; ES 201731445 A 20171221