

Title (en)

GAS BURNER UNIT FOR A HEAT EXCHANGER

Title (de)

GASBRENNEREINHEIT FÜR EINEN WÄRMETAUSCHER

Title (fr)

ENSEMBLE DE BRÛLEUR À GAZ POUR UN ÉCHANGEUR DE CHALEUR

Publication

EP 3550209 B1 20210825 (EN)

Application

EP 19460016 A 20190402

Priority

PL 42513818 A 20180405

Abstract (en)

[origin: EP3550209A1] A gas burner unit intended for a heat exchanger, having a perforated burner wall and an air and fuel duct is characterised in that in the air and fuel duct (2), over the perforated burner wall (1), there is a transverse baffle (3) featuring holes (4) and dividing the air and fuel duct (2) into two segments, where the baffle is shaped so that the cross section of the segment of the air and fuel duct (2), located between the baffle (3) and perforated burner wall (1), increases along the baffle (3) towards the perforated burner wall (1).

IPC 8 full level

F23D 14/02 (2006.01); **F23D 14/36** (2006.01); **F23D 14/62** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP)

F23D 14/02 (2013.01); **F23D 14/36** (2013.01); **F23D 14/62** (2013.01); **F23D 14/70** (2013.01); **F23D 2203/102** (2013.01)

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)

EP 3550209 A1 20191009; **EP 3550209 B1 20210825**; ES 2897673 T3 20220302; PL 236140 B1 20201214; PL 3550209 T3 20211206; PL 425138 A1 20191007

DOCDB simple family (application)

EP 19460016 A 20190402; ES 19460016 T 20190402; PL 19460016 T 20190402; PL 42513818 A 20180405