

Title (en)

Gas burner for glass ceramic cooking plates and for heating devices

Title (de)

Gasbrenner für Glaskeramik-Kochflächen und für Heizungsanlagen

Title (fr)

Brûleur à gaz pour des tables de cuisson en vitrocéramique et pour le chauffage

Publication

EP 0732541 A3 19971217 (FR)

Application

EP 96200572 A 19960304

Priority

IT PD950058 A 19950317

Abstract (en)

[origin: EP0732541A2] The burner consists of two concentric combustion chambers (1,2) and a mixer/diffuser. The outer of the two chambers has a projection in one part of its base which forms a small well (7) connecting with a gas and air inlet in the shape of a Venturi tube (8) which meets the well in a horizontal direction. The inner (1) of the two chambers is also fed with gas and air through a Venturi tube (5), and has a mixer/distributor in the form of a small metal disc. The outer annular chamber's mixer/distributor is designed to mix and distribute the gas evenly over the whole of the annular chamber; its element can be perforated with holes of any size and distribution.

IPC 1-7

F23D 14/14; **F23D 14/64**

IPC 8 full level

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

CPC (source: EP US)

F23D 14/145 (2013.01 - EP US); **F23D 14/64** (2013.01 - EP); **F23D 2203/102** (2013.01 - EP)

Citation (search report)

- [Y] FR 2282604 A1 19760319 - SCHWANK GMBH [DE]
- [Y] GB 2223302 A 19900404 - TIAO HO YEN
- [A] WO 8703067 A1 19870521 - MORGAN REFRACTORIES LTD [GB]
- [A] FR 461634 A 19140107 - FRANCOIS EUGENE NICORA [FR]

Cited by

EP3128237A1; EP0926437A1; EP1091176A1; ES2204212A1; CN110966602A; US10393386B2; US10337731B2; WO2005064235A1; WO2016141643A1; WO2016141644A1; EP2174062B1; US8122875B2

Designated contracting state (EPC)

ES FR PT

DOCDB simple family (publication)

EP 0732541 A2 19960918; **EP 0732541 A3 19971217**; IT 1281854 B1 19980303; IT PD950058 A0 19950317; IT PD950058 A1 19960917

DOCDB simple family (application)

EP 96200572 A 19960304; IT PD950058 A 19950317