

Title (en)
BURNER FOR A GAS TORCH

Publication
EP 0006048 B1 19830112 (FR)

Application
EP 79400319 A 19790521

Priority
FR 7816497 A 19780529

Abstract (en)
[origin: US4631023A] A gas burner for burning a high velocity gas to produce an external flame having a homogeneous front portion and using gas injecting means having a nozzle connected to a source of inflammable gas under pressure and an air passage adapted to create through a tube a flow of air and inflammable gas at high speed which is injected in an adaptation chamber connected to the tube and provided with an internal curved diffusion grill and two external deflectors, the diffusion grill being positioned so that the walls of the adaptation chamber are maintained at the temperature of the environment during combustion of the gas.

IPC 1-7
F23D 13/26; **F23D 13/30**

IPC 8 full level
F23D 14/14 (2006.01); **F23D 14/48** (2006.01); **F23D 14/52** (2006.01)

CPC (source: EP US)
F23D 14/48 (2013.01 - EP US); **F23D 14/52** (2013.01 - EP US)

Cited by
EP0291372A1; FR2615271A1; WO2019011738A1; WO2019011736A1

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DE GB IT

DOCDB simple family (publication)
EP 0006048 A1 19791212; **EP 0006048 B1 19830112**; **EP 0006048 B2 19860910**; DE 2964465 D1 19830217; FR 2427551 A1 19791228; FR 2427551 B1 19801114; US 4631023 A 19861223; US RE33136 E 19891226

DOCDB simple family (application)
EP 79400319 A 19790521; DE 2964465 T 19790521; FR 7816497 A 19780529; US 17110888 A 19880307; US 81376085 A 19851227