

Title (en)
GAS BURNER

Publication
EP 0255472 A3 19890125 (DE)

Application
EP 87730086 A 19870728

Priority

- AT 53287 A 19870306
- AT 188987 A 19870724
- AT 202386 A 19860728
- DE 8631542 U 19861125

Abstract (en)
[origin: EP0255472A2] In the case of a gas burner, having a burner plate (1) penetrated by outlet openings (2) for a gas-air mixture and able to be charged with such a mixture via a mixture duct (3), this burner plate (1) is held detachably by means of the centrally arranged mixture duct (3) in an annular mounting (7), enclosing a mixture chamber (6). The mixture duct (3), which opens out into the mixture chamber (6) with clearances (5), is radially adjoined by an air duct (15), into which there opens coaxially and oppositely to the airstream a gas supply line (17) with a gas nozzle (18), for the purpose of mixing the air with gas. The air duct (15) may include a detachable butt joint (20) to allow a movable part containing the mixture duct (3) and the burner plate (1) to be separated as and when required from a fixed part containing the gas supply line (17) and the gas nozzle (18) and connected to a blower (16).

IPC 1-7
F23D 14/30; **F23D 14/02**; **F23D 14/46**; **F23D 14/36**

IPC 8 full level
F23D 14/02 (2006.01); **F23D 14/30** (2006.01); **F23D 14/36** (2006.01); **F23D 14/46** (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/30** (2013.01); **F23D 14/36** (2013.01); **F23D 14/46** (2013.01)

Citation (search report)

- [A] US 4039275 A 19770802 - MCGETTRICK CHARLES A
- [A] EP 0035797 A1 19810916 - KOLB INFRA KG [DE], et al
- [A] FR 2292928 A1 19760625 - INT MAGNA CORP [US]
- [A] DE 2359934 A1 19740620 - EUROP EQUIP MENAGER

Cited by
CN105402726A; FR2672664A1; EP0499557A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0255472 A2 19880203; **EP 0255472 A3 19890125**; **EP 0255472 B1 19910213**; AT E60882 T1 19910215; DE 3768021 D1 19910321; ES 2021388 B3 19911101

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