

Title (en)
Gas burner.

Title (de)
Gasbrenner.

Title (fr)
Brûleur à gaz.

Publication
EP 0152515 A1 19850828 (DE)

Application
EP 84107610 A 19840630

Priority
DE 8322963 U 19830806

Abstract (en)
1. A gas burner comprising a burner body, which has a bottom (3), a cover (4), and an almost vertical shell, which connects the bottom and cover and has openings (23) for the gas or for a gas-air mixture and in its hollow interior (7) contains another hollow member (10), which is provided on its underside with an entrance opening, wherein the cavity (7) of the hollow member constitutes an air line (13/14), which has an inlet adjacent to the bottom and an outlet adjacent to the cover, characterized in that a spherical or conical or prismatic deflecting member (16) is provided at the top of the interior (13) of the hollow body (1) and partly protrudes into the interior and serves to deflect outwardly in a radial direction a gas which rises from the interior (13).

Abstract (de)
Gasbrenner mit einem als Hohlkörper ausgebildeten Brennerkörper, wobei der Hohlraum (7) des Hohlkörpers eine Luftzuleitung (13, 14) bildet. Bevorzugt ist an der Oberseite des Innenraums des Hohlkörpers (16) angeordnet.

IPC 1-7
F23D 14/02; **F23D 14/14**

IPC 8 full level
F23D 14/02 (2006.01); **F23D 14/14** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/70** (2013.01); **F23D 2203/1012** (2013.01); **F23D 2203/1026** (2013.01)

Citation (search report)
• WO 8300913 A1 19830317 - ADVANCED MECHANICAL TECH [US]
• DE 3110301 A1 19820114 - SDECC [FR]

Cited by
AT407565B; AT409412B; WO9620373A1; WO9506843A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0152515 A1 19850828; **EP 0152515 B1 19881102**; AT E38425 T1 19881115; DE 3474994 D1 19881208; DE 8322963 U1 19841025

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