

Title (en)
Gas burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 1840460 A1 20071003 (EN)

Application
EP 06251695 A 20060329

Priority
EP 06251695 A 20060329

Abstract (en)
A gas burner (30) includes an outer cylindrical wall (16) defining an internal cavity (20) for receiving a gas and air mixture and the outer cylindrical wall (16) includes a plurality of apertures (26) to allow a gas and air mixture to pass from the internal cavity (20) to an outer surface (16a) of the outer cylindrical wall (16) for combustion. A securing member (32) is attached to one end (33) of the outer cylindrical wall (16) and includes a circumferential inner rim (36) defining a circular opening (38). An inner cylindrical wall (18) is located inside the internal cavity (20) and defines at one end (50) thereof a circular flange (48), the circular flange (48) extending axially through the circular opening (38) and in a radially outwards direction to thereby secure the inner cylindrical wall (18) to the securing member (32). At least part of the circumferential inner rim (36) of the securing member (32) extends in a radially outwards direction and includes a slot (40).

IPC 8 full level
F23D 14/10 (2006.01)

CPC (source: EP)
F23D 14/02 (2013.01); **F23D 14/70** (2013.01); **F23D 2203/1012** (2013.01); **F23D 2900/00003** (2013.01)

Citation (search report)
• [A] EP 0172945 A1 19860305 - FURIGAS B V [NL]
• [A] GB 2149904 A 19850619 - AEROMATIC CO LTD
• [A] US 4960378 A 19901002 - JANNEMANN THEO [DE], et al
• [A] EP 1087180 A1 20010328 - VAILLANT JOH GMBH & CO [DE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 037 (M - 193) 15 February 1983 (1983-02-15)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1840460 A1 20071003

DOCDB simple family (application)
EP 06251695 A 20060329