

Title (en)
Gas burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 2163820 B1 20160817 (DE)

Application
EP 08164454 A 20080916

Priority
EP 08164454 A 20080916

Abstract (en)
[origin: EP2163820A1] The burner has a mixer (3) arranged at an intake side (2) of a blower (1). The mixer mixes air and gas, where the air is sucked by a suction channel (4) and the gas is supplied by a gas intake (12) of a suction channel. The mixer includes a housing with a ring-shaped air inlet (5) whose circumference is provided with a set of recesses (6) that is spaced at a distance from each other. The housing of the mixer is formed in a single piece. The housing includes an angular disk (11).

IPC 8 full level
F23D 14/02 (2006.01); **F04D 29/66** (2006.01); **F23D 14/36** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP US)
F23D 14/02 (2013.01 - EP US); **F23D 14/36** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US); **F23D 2210/00** (2013.01 - EP US)

Citation (examination)
DE 60129164 T2 20080228 - SIT LA PRECISA SPA [IT]

Cited by
EP3683499A3; EP2442028A1; ITMI20101865A1; CN107687638A; DE102010044591A1; US11162677B2; US11808449B2; WO2011047895A1; US11187433B2; US11543123B2; US11598557B2

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DOCDB simple family (publication)
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