

Title (en)
Gas burner

Title (de)
Gasbrenner.

Title (fr)
Brûleur à gaz

Publication
EP 0864813 B1 20030219 (DE)

Application
EP 98200735 A 19980309

Priority
NL 1005494 A 19970311

Abstract (en)
[origin: EP0864813A1] The main burner body (2) has an upstream inflow surface (4), and a downstream outflow surface (6), with passages (8) between the two surfaces. At least some of the openings (8'a,8'b) of the ducts (8) and situated in the inflow surface are spaced apart by unequal distances (d1,d2) in relation to the upstream, perforated reference plane (18). The distance-variations between the openings and the reference plane perform at least a periodic function in a direction across the flow direction of the gas mixture.

IPC 1-7
F23D 14/46; **F23D 14/14**

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

CPC (source: EP US)
F23D 14/145 (2013.01 - EP US); **F23D 14/46** (2013.01 - EP); **F23D 2203/102** (2013.01 - EP); **F23D 2210/00** (2013.01 - EP); **F23D 2900/00003** (2013.01 - EP)

Cited by
DE19958580A1; EP1498658A1; ES2293768A1

Designated contracting state (EPC)
FR GB IT NL

DOCDB simple family (publication)
EP 0864813 A1 19980916; **EP 0864813 B1 20030219**; NL 1005494 C2 19980914

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