

Title (en)

Low NOx gas burner.

Title (de)

Gasbrenner mit niedrigem NOx-Ausstoss.

Title (fr)

Brûleur à gaz à faible taux de NOx.

Publication

**EP 0631091 A1 19941228 (FR)**

Application

**EP 94401336 A 19940615**

Priority

FR 9307463 A 19930621

Abstract (en)

In this gas burner comprising a tubular body (2), the peripheral wall (5) of which consists of two perforated metal sheets (6, 7), internal and external respectively, which are held in contact with one another, the internal metal sheet (6) having holes which have a predetermined diameter while the external metal sheet (7) has holes which have a greater passage section than that of the holes of the internal metal sheet (6), and the spacing of the holes of the external metal sheet (7) and their passage section are such that the assembly of the two perforated metal sheets (6 and 7) of the burner (1) has an overall gas passage coefficient at most equal to 7.8%. <IMAGE>

IPC 1-7

**F23D 14/58**

IPC 8 full level

**F23D 14/58** (2006.01)

CPC (source: EP)

**F23D 14/58** (2013.01); **F23D 2203/1012** (2013.01)

Citation (search report)

[X] DE 1955163 A1 19710513 - SCHWANK GMBH

Cited by

EP3910237A3; EP4089328A1; IT202100011888A1; EP2037175B1

Designated contracting state (EPC)

BE ES GB IT NL

DOCDB simple family (publication)

**EP 0631091 A1 19941228**; FR 2706986 A1 19941230; FR 2706986 B1 19950901

DOCDB simple family (application)

**EP 94401336 A 19940615**; FR 9307463 A 19930621