

Title (en)
Burner plate for a radiant burner

Title (de)
Brennerfläche für einen Strahlungsbrenner

Title (fr)
Plaque de brûleur de brûleur radiant

Publication
EP 1701092 A1 20060913 (DE)

Application
EP 05003527 A 20050218

Priority
EP 05003527 A 20050218

Abstract (en)
The burner surface (2) has a surface area (3) at which fuel burns down and fuel is permeable at least in partial regions (1). The burner surface has at least two layers (4,5) of different permeability for fuel. The surface of a first layer forms the surface of burner surface and permeability of first layer for gas is greater than permeability at least one of layers which are under it. Independent claims are also included for the following: (A) Radiation burner for gaseous fuels; and (B) Method for manufacture of burner surface.

IPC 8 full level
F23D 14/16 (2006.01); **F23D 14/82** (2006.01)

CPC (source: EP)
F23D 14/16 (2013.01); **F23D 14/82** (2013.01); **F23D 2203/106** (2013.01); **F23D 2212/101** (2013.01); **F23D 2212/201** (2013.01)

Citation (search report)
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• [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 160 (M - 1105) 22 April 1991 (1991-04-22)

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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 MC NL PL PT RO SE SI SK TR

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