

Title (en)

Gas burner for cooking ranges

Title (de)

Gasbrenner für Kochgeräte

Title (fr)

Brûleur à gaz pour appareils de cuisson

Publication

EP 0789190 A3 19990127 (DE)

Application

EP 96120006 A 19961212

Priority

DE 19604448 A 19960207

Abstract (en)

[origin: EP0789190A2] The gas burner has a burner head which is mounted on a mixing pipe. A cover is held at a distance from the head, and a profiled disc (2) is arranged underneath it in order to create vortices in the gas stream. The disc has an inner circular opening, and has vane-like elements (7) in order to guide the flames. The elements are arranged on the surface of the disc, and extend across the plane of the latter. The edge of the disc which forms the elements may have radial incisions, and the sections between the incisions may have edges (8) which are each bent in order to form an acute angle to the plane of the disc.

IPC 1-7

F23D 14/16

IPC 8 full level

F23D 14/06 (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP US)

F23D 14/065 (2013.01 - EP US); **F24C 3/085** (2013.01 - EP US); **F23D 2209/10** (2013.01 - EP US); **F23D 2210/00** (2013.01 - EP US)

Citation (search report)

- [A] US 2591263 A 19520401 - JAMES RICHARD E, et al
- [A] US 3844707 A 19741029 - WORMSER A
- [A] FR 1286777 A 19620309 - THIRODE & CIE
- [A] EP 0554511 A1 19930811 - ELEKTRO GAS ARMATUREN [DE]

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0789190 A2 19970813; **EP 0789190 A3 19990127**; DE 19604448 A1 19970814; US 5901695 A 19990511

DOCDB simple family (application)

EP 96120006 A 19961212; DE 19604448 A 19960207; US 79011897 A 19970129