

Title (en)

CERAMIC BURNER HEAD WITH SLIT-SHAPED FEED DUCTS FOR FUEL AND OXIDATION MEANS ARRANGED IN PARALLEL TO THE BURNER OUTLET

Publication

EP 0037961 A3 19820901 (DE)

Application

EP 81102448 A 19810401

Priority

DE 3014059 A 19800411

Abstract (en)

[origin: US4531908A] A ceramic burner head in which the burner mouth is formed from a unitary porous ceramic body with parallel slits defining fuel-permeable walls between and which is bonded to upper, lower and lateral ceramic plates forming the burner body. The ceramic piece is bonded to the plates in a gas-tight manner.

IPC 1-7

F23D 11/44; **F23D 13/40**

IPC 8 full level

F23D 14/16 (2006.01); **F23D 11/02** (2006.01); **F23D 11/44** (2006.01); **F23D 14/02** (2006.01); **F23D 14/62** (2006.01)

CPC (source: EP US)

F23D 11/441 (2013.01 - EP US); **F23D 14/62** (2013.01 - EP US)

Citation (search report)

- [A] DE 2740537 A1 19780316 - NIPPON STEEL CORP
- [AP] EP 0012308 A1 19800625 - KERNFORSCHUNGSANLAGE JUELICH [DE]

Cited by

DE10042761C1; DE10149329A1; DE10149329C2; EP0275780A1; FR2608455A1; GB2140154A

Designated contracting state (EPC)

AT BE CH FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0037961 A2 19811021; **EP 0037961 A3 19820901**; **EP 0037961 B1 19841212**; AT E10780 T1 19841215; DE 3014059 A1 19811119; DE 3014059 C2 19851219; JP H0132882 B2 19890711; JP S5712213 A 19820122; US 4531908 A 19850730

DOCDB simple family (application)

EP 81102448 A 19810401; AT 81102448 T 19810401; DE 3014059 A 19800411; JP 5309181 A 19810410; US 39879782 A 19820716