

Title (en)

Device for incinerating oxidizable noxious compounds.

Title (de)

Einrichtung zum Verbrennen von oxidierbaren Schadstoffen.

Title (fr)

Dispositif pour l'incinération des composés nuisibles oxydables.

Publication

**EP 0669497 A3 19960508 (DE)**

Application

**EP 95101127 A 19950127**

Priority

DE 4406369 A 19940226

Abstract (en)

[origin: EP0669497A2] The equipment has passages (3) which supply the preheated carrier medium current, and that pipes the fuel in gas- or vapour-form necessary for combustion of the pollutants. The passages run parallel to the axial direction in one combustion-chamber end wall (1), and in which they are evenly spaced. Radial branch passages (7) emanate from each fuel feed pipe (8) which is concentric inside its respective passage. The annular chamber between the hub (5) containing the fuel pipe and the passage contains swirl-inducting vanes (4), at the vacuum side of which the branch passages discharge. Each passage with its branch passages can form an individual burner (2), all of these being of the same dimensions.

IPC 1-7

**F23G 7/06**; **F23D 14/24**

IPC 8 full level

**F23D 14/24** (2006.01); **F23G 7/06** (2006.01)

CPC (source: EP)

**F23D 14/24** (2013.01); **F23G 7/06** (2013.01)

Citation (search report)

- [Y] DE 8905865 U1 19891012
- [Y] GB 2178839 A 19870218 - BRITISH PETROLEUM CO PLC
- [A] GB 2063436 A 19810603 - ISHIKAWAJIMA HARIMA HEAVY IND
- [A] DE 2319194 A1 19741024 - PIROGOW KONSTANTIN SERGEEWITSC
- [A] CH 451380 A 19680515 - FUEL FIRING LTD [GB]

Cited by

WO0229319A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0669497 A2 19950830**; **EP 0669497 A3 19960508**; **EP 0669497 B1 19990707**; AT E182001 T1 19990715; DE 4406369 A1 19950831; DE 4406369 C2 19971127; DE 59506323 D1 19990812; ES 2133595 T3 19990916

DOCDB simple family (application)

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