

Title (en)

Device for burning impurities in a media flow

Title (de)

Vorrichtung zum Verbrennen von in einem Medienstrom enthaltenen Störstoffen

Title (fr)

Dispositif pour la combustion d'impuretés dans un courant de milieu

Publication

EP 0780633 A3 19990127 (DE)

Application

EP 96118667 A 19961121

Priority

DE 19547688 A 19951220

Abstract (en)

[origin: EP0780633A2] The burner arrangement consists of single burners distributed over the cross section of the current. The cross-section of the inlet pipe (7) is flush with the outlet cross-section of the outlet pipe (8). The heat exchanger (2) is attached to the inlet and outlet pipes, outside the cube-shaped housing (1). The housing is divided into a first part (3) containing the single burners (11) and fitted with the inlet pipe, and into a second part (4) attached to the first housing part and fitted with the outlet pipe. Catalytic converters (17) are positioned in the current's flow direction after the single burners and extend over the current's cross-section.

IPC 1-7

F23G 7/06

IPC 8 full level

F23G 7/06 (2006.01); **F23G 7/07** (2006.01)

CPC (source: EP)

F23G 7/066 (2013.01); **F23G 7/07** (2013.01)

Citation (search report)

- [Y] DE 4014415 A1 19911107 - GEA LUFTKUEHLER HAPPEL GMBH [DE]
- [Y] GB 2178839 A 19870218 - BRITISH PETROLEUM CO PLC
- [A] EP 0440181 A2 19910807 - LTG LUFTECHNISCHE GMBH [DE]
- [A] US 4544526 A 19851001 - BILLINGS BRUCE J [US]
- [A] US 3881874 A 19750506 - SHULAR HOWARD EDWARD, et al
- [PX] DE 29609686 U1 19960814 - KRANTZ TKT GMBH [DE]

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0780633 A2 19970625; **EP 0780633 A3 19990127**; **EP 0780633 B1 20021023**; AT E226705 T1 20021115; DE 19547688 C1 19970814; DE 59609818 D1 20021128

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