Title (en)

Combustion method and device for vanadium containing fuels

Title (de)

Vorrichtung und Verfahren zur Verbrennung vanadiumhaltiger Brennstoffe

Title (fr)

Procédé et dispositif de combustion de combustibles contenant du vanadium

Publication

EP 0937944 A3 20000105 (DE)

Application

EP 99103123 A 19990217

Priority

DE 19806823 A 19980218

Abstract (en)

[origin: EP0937944A2] The burner incorporates a starting burner (3) and inlets (8,30) for a fuel-air mixture and combustion air. A top burner (2) is positioned above the combustion chamber (9) and is in a cover (14) containing at least the starting burner and the inlet for the air and pulverized fuel mixture. The mixture emerges from a nozzle (5) on a secant to the cross-sectional surface of the combustion chamber and is conveyed at an angle of between 35 and 65 degrees to the longitudinal axis (24) of the combustion chamber or coaxially with the starting burner to the combustion chamber.

IPC 1-7

F23C 5/00; F23C 7/06; F23C 9/08; F23D 1/02; F23J 1/08; F23M 5/00; F23M 5/08

IPC 8 full level

F23D 1/00 (2006.01); **F23C 3/00** (2006.01); **F23C 5/00** (2006.01); **F23C 5/08** (2006.01); **F23C 7/06** (2006.01); **F23C 9/08** (2006.01); **F23C 99/00** (2006.01); **F23D 1/02** (2006.01); **F23J 1/08** (2006.01); **F23M 5/00** (2006.01); **F23M 5/08** (2006.01)

CPC (source: EP)

F23C 3/008 (2013.01); **F23C 5/00** (2013.01); **F23C 7/06** (2013.01); **F23C 9/08** (2013.01); **F23M 5/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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