

Title (en)

METHOD FOR PROTECTING AN SIO 2 COATING AND COMBUSTION DEVICE WITH SAID PROTECTION

Title (de)

VERFAHREN ZUM SCHUTZ EINER SIO 2-BESCHICHTUNG UND VERBRENNUNGSVORRICHTUNG MIT EINEM DERARTIGEN SCHUTZ

Title (fr)

PROCEDE DE PROTECTION D'UN REVETEMENT EN SIO 2 ET DISPOSITIF DE COMBUSTION MUNI D'UNE TELLE PROTECTION.

Publication

EP 1278991 B1 20050921 (DE)

Application

EP 01931640 A 20010423

Priority

- EP 01931640 A 20010423
- EP 0104578 W 20010423
- EP 00109648 A 20000505

Abstract (en)

[origin: EP1152189A1] Process for protecting a SiO₂ coating on boundary surfaces of a combustion chamber to which a combustion medium is added comprises adding an additive to the combustion chamber to increase the SiO₂ content of the flue gases produced during combustion. An Independent claim is also included for an apparatus for burning a combustion medium comprising a combustion chamber; a burner for introducing the combustion medium; and a device for introducing an additive. Preferred Features: The additive is an organosilicon compound and/or an ester of silicic acid.

IPC 1-7

F23J 7/00; **F23K 5/10**; **F27D 1/16**; **C10L 10/04**; **C10L 1/28**

IPC 8 full level

C10L 1/28 (2006.01); **C10L 10/04** (2006.01); **F23J 7/00** (2006.01); **F23K 5/10** (2006.01); **F23M 5/00** (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP US)

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Citation (examination)

- GB 667105 A 19520227 - BRITISH THOMSON HOUSTON CO LTD
- US 3981142 A 19760921 - IRWIN JOHN A

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DE FR GB IT

DOCDB simple family (publication)

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