

Title (en)

Lining of a melting furnace for residuals from rubbish incinerating plants

Title (de)

Ausmauerung eines Schmelzofens für Reststoffe aus Müllverbrennungsanlagen

Title (fr)

Revêtement pour un four de fusion pour le traitement des résidus d'une installation d'incinération d'ordures

Publication

EP 0684439 B1 20000223 (DE)

Application

EP 95810309 A 19950509

Priority

DE 4418734 A 19940528

Abstract (en)

[origin: EP0684439A2] Smelting furnace comprises an open vessel (1) consisting of lower and upper parts (2, 3). The vessel is lined with a wall (4, 5) of refractory material. The refractory material in the lower part, the melting region, consists of a material contg. amongst other metal oxides, essentially 10-50 wt.% Cr₂O₃. The refractory material in the upper part (3), the gas region, consists of a material contg. 80 wt.% or more MgO, and has low Cr₂O₃ content or practically no Cr₂O₃. <IMAGE>

IPC 1-7

F27D 1/00; **F23M 5/00**; **C03B 5/00**; **C03B 5/42**

IPC 8 full level

F23J 1/00 (2006.01); **C03B 5/00** (2006.01); **C03B 5/42** (2006.01); **F23M 5/00** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)

F23M 5/00 (2013.01 - EP US); **F27D 1/0006** (2013.01 - EP US)

Citation (examination)

Die thermische Reststoffbehandlung nach dem DEGLOR-Verfahren (ABB W+E Umwelttechnik): Seminar "Müllverbrennung" der Technischen Akademie Esslingen, Mai 1991

Designated contracting state (EPC)

CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

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