

Title (en)

REFRACTORY-LINING REPAIR PROCESS FOR A METALLURGICAL VESSEL BY FLAME GUNNING

Publication

EP 0180491 B1 19880810 (FR)

Application

EP 85401782 A 19850916

Priority

FR 8414552 A 19840921

Abstract (en)

[origin: EP0180491A1] 1. Process for repairing the refractory lining of a metallurgical vessel by spraying a refractory Gunitite material through a flame, characterized in that two superposed layers of the same material are placed in position, the first layer having, on the one hand, a total porosity of 15 to 25% so as to promote its adhesion to the lining by impregnation with the slag present at the surface of the said lining and, on the other hand thickness such that all the slag impregnates the said first layer, the second layer having an apparent density of at least 3.1 kg/dm³ in order to promote the resistance of the sprayed material against chemical and mechanical attacks by the molten bath which will subsequently be formed in the said vessel.

IPC 1-7

F27D 1/16

IPC 8 full level

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CPC (source: EP)

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EP 0180491 A1 19860507; **EP 0180491 B1 19880810**; AT E36407 T1 19880815; DE 3564338 D1 19880915; FR 2570811 A1 19860328; FR 2570811 B1 19880408; JP S6183875 A 19860428

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