

Title (en)

PROCESS FOR DESULPHURISING IRONS MELTS WITH MINIMAL SLAG PRODUCTION AND SUITABLE DEVICE THEREFOR

Title (de)

VERFAHREN ZUR ENTSCWEFELUNG VON EISENSCHMELZEN BEI MINIMALEM SCHLACKE-ANFALL UND EINE DAFÜR GEEIGNETE VORRICHTUNG

Title (fr)

PROCEDE DE DESULFURATION DE BAINS DE FER EN FUSION AVEC PRODUCTION MINIMALE DE LAITIER ET DISPOSITIF APPROPRIE POUR CE PROCEDE

Publication

EP 0627012 B1 19970730 (DE)

Application

EP 93903828 A 19930225

Priority

- DE 4206091 A 19920227
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Abstract (en)

[origin: WO9317131A1] The invention relates to a process for desulphurising irons melts with minimal slag production, and a suitable device therefor. In the process, a slag with the chemical analysis (I) and impurities arising from the raw material is taken to a temperature of 1400 to 1800 C by the resistance heating of the slag by means of electrodes immersed in the slag in a tippable low-shaft furnace or an electric or pan furnace adapted for the process of the invention and with this slag the sulphur-containing irons melt is desulphurised and either discontinuously or continuously cast beneath the desulphurising slag, and the ratio between the irons melt and the slag may not exceed 10 : 1 parts by weight and the desulphurising slag is continuously and/or discontinuously regenerated.

IPC 1-7

C21C 1/02

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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