

Title (en)

Process for desulfuration treatment of molten pig iron.

Title (de)

Verfahren zur Behandlung von Roheisenschmelzen zu deren Entschwefelung.

Title (fr)

Procédé pour le traitement de désulfuration de fonte en fusion.

Publication

EP 0530552 B1 19950222 (DE)

Application

EP 92113707 A 19920812

Priority

DE 4128499 A 19910828

Abstract (en)

[origin: EP0530552A1] The invention relates to a process for treating molten pig iron for desulphurisation thereof in a vessel. The characteristic of the invention is that the treatment is carried out in three phases: In the initial phase, those solids are blown in which deoxidise the initial slag and increase its basicity, and effect a circulating motion of the melt or form a basic deoxidised covering slag. In the middle phase, a desulphurising agent is blown in for the main desulphurisation and, in the final phase, those solids are blown in which purify the melt and effect a final desulphurisation and affect the resulting desulphurisation slag in such a way that its content of iron granules is low. <IMAGE>

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C21C 1/02

IPC 8 full level

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CPC (source: EP US)

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