

Title (en)

Additive for desulfurization of liquid pig and cast iron and process for desulfurizing

Title (de)

Entschwefelungsmittel für Roheisen- und Gusseisenschmelzen sowie Verfahren zur Entschwefelung

Title (fr)

Produit pour désulfuration des fontes et des aciers liquides et procédé de désulfuration

Publication

EP 0582970 B1 19980408 (DE)

Application

EP 93112545 A 19930805

Priority

DE 4226833 A 19920813

Abstract (en)

[origin: EP0582970A1] An additive for desulphurisation of liquid pig and cast iron on the basis of fine-grained magnesium and at least 3% by weight of a metallurgically active silicate mineral in a chain-type, sheet-type or three-dimensional structure and/or one of the minerals syenite and/or rhyolite alone or as a mixture. The additive for desulphurisation can contain as further components calcium carbide and/or calcium oxide. The magnesium can be enveloped by these components in the manner of a shell. Preferably, the additive is conveyed as such or by the co-injection method pneumatically via a lance into the molten iron.

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C21C 1/02

IPC 8 full level

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