

Title (en)

DESULFURIZATION PROCESSING METHOD OF MOLTEN STEEL, AND DESULFURIZATION AGENT

Title (de)

ENTSCHWEFELUNGSBEHANDLUNGSVERFAHREN FÜR GESCHMOLZENEN STAHL UND ENTSCHWEFELUNGSMITTEL

Title (fr)

PROCEDE DE TRAITEMENT DE DÉSULFURATION D'ACIER FONDU ET AGENT DE DÉSULFURATION

Publication

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Application

EP 18741544 A 20180110

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Abstract (en)

[origin: EP3572534A1] A desulfurization processing method of molten steel according to the invention includes adding a desulfurization agent containing quicklime into a ladle holding the molten steel, and stirring the molten steel in the ladle to reduce a sulfur concentration in the molten steel. The used desulfurization agent contains quicklime satisfying that a sum of volumes of pores having a pore diameter ranging from 0.5 to 10 μm in the quicklime is equal to or larger than 0.1 mL/g. As a result, the desulfurization processing can be efficiently performed without using CaF_2 and pre-melt flux.

IPC 8 full level

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CPC (source: EP KR)

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