

Title (en)

PROCESS FOR PRODUCING DESULFURIZING AGENTS FOR PIG IRON OR STEEL MELTS

Publication

EP 0019086 B1 19821222 (DE)

Application

EP 80101984 A 19800414

Priority

DE 2920353 A 19790519

Abstract (en)

[origin: ES8101120A1] The invention relates to the production of an agent for desulfurizing crude iron and steel melts, the desulfurizing agent being based on calcium carbide containing calcium oxide. To this end, a calcium carbide/calcium oxide/starting melt mixture with a CaO-content within the range 20 to 80 weight % is produced from lime and coke and allowed to solidify to a block. While the solidified block still has an average temperature of more than 400 DEG C., it is crushed to particulate material with a size of less than 150 mm. Next, the hot crushed material of at least 400 DEG C. is admixed with a quantity of calcium oxide necessary to have in the resulting mixture an overall content of CaO corresponding to that desired for the final product. The whole is thoroughly mixed and crushed with exclusion of moisture at temperatures higher than 100 DEG C. to particulate material with a size of less than 10 millimeters.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

C21C 1/025 (2013.01 - EP US); **C21C 7/0645** (2013.01 - EP US)

Cited by

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