

Title (en)

DESULPHURISING AGENTS FOR PIG IRON AND STEEL MELTS, AND PROCESS FOR THEIR MANUFACTURE

Publication

EP 0019087 B1 19830720 (DE)

Application

EP 80101985 A 19800414

Priority

DE 2919324 A 19790514

Abstract (en)

[origin: ES8101121A1] The invention provides an agent for desulfurizing crude iron and steel melts, the desulfurizing agent being based on calcium carbide containing calcium oxide. The desulfurizing agent is produced by admixing a calcium carbide melt having up to 45 weight % of calcium oxide therein with an excess of 3 to 15 weight %, based on the CaO-content of more than 45 up to 80 weight % desired for the final product, of calcium oxide. The resulting mixture is allowed to solidify and cool down to temperatures of 350 DEG to 450 DEG C. Next, the solidified melt is precrushed to material with a size of less than 150 mm. Particles with a size of less than 4 mm are screened off and the remaining material is comminuted, with the exclusion of moisture, to material with a size of less than 10 mm.

IPC 1-7

C21C 1/02; **C21C 7/064**

IPC 8 full level

C21C 1/02 (2006.01); **C21C 7/064** (2006.01); **C21C 7/076** (2006.01)

CPC (source: EP US)

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

Citation (examination)

- DE 1935567 B2 19710513
- DE 1919414 B2 19770714

Cited by

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