

Title (en)

PROCESS FOR THE PRODUCTION OF MOLTEN PIG IRON OR STEEL PRE-PRODUCTS

Publication

EP 0195770 B1 19881214 (DE)

Application

EP 86890063 A 19860317

Priority

AT 84685 A 19850321

Abstract (en)

[origin: US4708736A] In a method of producing molten pig iron or steel pre-products from particulate ferrous material, as well as of producing reduction gas in a melt-down gasifier by adding coal and by blowing in oxygen-containing gas by means of nozzle pipes penetrating the wall of the melt-down gasifier, a fixed bed formed of coke particles, through which the oxygen-containing gas flows and a superposed fluidized bed of coke particles are formed, and the ferrous material is charged onto the fluidized bed. Below the fixed bed through which oxygen-containing gas flows, a fixed bed of coke particles not passed through by gas is provided, and the fluidized bed above the fixed bed passed through by oxygen-containing gas is passed through by a gas free from oxygen or having a low oxygen content.

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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