Title (en)

METHOD OF PRODUCING FERRO-COKE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FERROKOKS

Title (fr)

PROCÉDÉ DE PRODUCTION DE FERROCOKE

Publication

EP 2233548 A4 20140409 (EN)

Application

EP 07860587 A 20071226

Priority

JP 2007075392 W 20071226

Abstract (en)

[origin: EP2233548A1] The present invention provides a method of producing ferrocoke capable of, in carbonizing a molded product composed of a carbon-containing material and an iron oxide-containing material to give the ferrocoke, preventing cracking and thermal cracking occurring in carbonizing of the molded product, increasing the original form ratio at the carbonizing furnace discharge side, preventing cracking in charging the ferrocoke into the furnace and also preventing reduction of a yield. Specifically, used is the method for producing ferrocoke by heating a molded product composed of a mixture of a carbon-containing material and an iron oxide-containing material to carbonize the molded product, in which carbonization is performed at a heating rate of 20 °C/min or less in a temperature range where a temperature of a surface of the molded product ranges from 550 °C to 650 °C.

IPC 8 full level

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CPC (source: EP)

C10B 53/08 (2013.01); **C10B 57/06** (2013.01); **C21B 5/007** (2013.01); **C21B 13/12** (2013.01)

Citation (search report)

- [XD] JP 2004217914 A 20040805 - JFE STEEL KK
- See references of WO 2009081506A1

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US11111441B2; US10414986B2

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