Title (en)
METALLURGICAL COKE PRODUCTION METHOD

Title (de)
HERSTELLUNGSVERFAHREN FÜR HÜTTENKOKS

Title (fr)
PROCÉDÉ DE FABRICATION DE COKE POUR LA MÉTALLURGIE

Publication
EP 2612894 A1 20130710 (EN)

Application
EP 11821997 A 20110831

Priority
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• JP 2011070319 W 20110831

Abstract (en)
There is provided a method for producing a metallurgical coke having higher quality such as strength than before, using a coal blend including coals whose thermal plasticity is accurately evaluated by measuring the thermal plasticity of coal in a state in which an environment surrounding plastic coal in a coke oven is simulated. In the method for producing a metallurgical coke by carbonizing a coal blend obtained by blending at least two coals and a caking additive, a sample including the coals and the coking additive that constitute the coal blend is packed in a vessel in a predetermined amount, a material having through-holes that connect upper and lower surfaces is disposed on the sample, the sample is heated at a predetermined heating rate while a constant load is imposed on the material having through-holes that connect upper and lower surfaces, and a permeation distance of the sample that has permeated into the through-holes is measured in advance. Coals and a caking additive whose permeation distance is larger than a predetermined control value are pulverized into particles having a particle size smaller than a predetermined particle size and then blended.

IPC 8 full level
C10B 57/04 (2006.01); C10B 57/08 (2006.01)

CPC (source: EP KR)
C10B 53/04 (2013.01 - KR); C10B 57/04 (2013.01 - EP KR); C10B 57/06 (2013.01 - EP)

Cited by
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