

Title (en)
PROCESS FOR PRODUCING FERRO COKE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON EISENKOKS

Title (fr)
PROCÉDÉ DE PRODUCTION DE FERROCOKE

Publication
EP 2463356 A4 20140611 (EN)

Application
EP 10817308 A 20100914

Priority
• JP 2009212822 A 20090915
• JP 2010201702 A 20100909
• JP 2010066272 W 20100914

Abstract (en)
[origin: EP2463356A1] To provide a method for manufacturing metallurgical formed carbon iron composite, in which the particle size of a raw material iron ore is optimized in the manufacture of carbon iron composite having a relatively small particle size so as to manufacture high-strength carbon iron composite while maintaining a target reduction ratio. The method for manufacturing carbon iron composite includes mixing coal and iron ore having a maximum particle size of 1 to 2 mm to produce a briquetted material, and carbonizing the briquetted material. Preferably, the iron content of the iron ore is 63% by mass or less, the blending ratio of the iron ore is 40% by mass or less relative to the total amount of coal and iron ore, and the iron ore is undersize of a 1- to 2-mm mesh screen.

IPC 8 full level
C10B 53/08 (2006.01); **C10B 57/06** (2006.01)

CPC (source: EP KR US)
C10B 53/08 (2013.01 - EP KR US); **C10B 57/04** (2013.01 - KR); **C10B 57/06** (2013.01 - EP US); **C21B 13/0066** (2013.01 - EP US); **C22B 1/245** (2013.01 - EP US)

Citation (search report)
• [XDI] JP H0812975 A 19960116 - NIPPON STEEL CORP
• See references of WO 2011034195A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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