

Title (en)
PROCESS FOR PRODUCING FERRO COKE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON EISENKOKS

Title (fr)
PROCÉDÉ DE PRODUCTION DE FERROCOKE

Publication
EP 2463356 A1 20120613 (EN)

Application
EP 10817308 A 20100914

Priority
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Abstract (en)
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
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