

Title (en)

METHOD FOR ACCELERATING SEPARATION OF GRANULAR METALLIC IRON FROM SLAG

Title (de)

VERFAHREN ZUR BESCHLEUNIGUNG DER ABTRENNUNG VON KÖRNIGEM METALLISCHEM EISEN VON SCHLACKE

Title (fr)

PROCEDE PERMETTANT D'ACCELERER LA SEPARATION DE FER METALLIQUE GRANULAIRE DE LAITIER

Publication

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Application

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Abstract (en)

Accelerating the separation of a granular metallic iron from slag. Production of a granular metallic iron comprising reducing and melting a raw material lump composed of an iron oxide containing material and a carbonaceous reducing agent, a solid mixture of the granular metallic iron formed by the above reduction and melting and a by-produced slag is quenched to thereby accelerate the separation of the granular metallic iron from the by-produced slag. The method can be used for producing a metallic iron being satisfactorily freed of slag and having an improved purity of iron.

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