

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

EP 1411135 A4 20070822 (EN)

Application

EP 02736124 A 20020617

Priority

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- JP 2001223266 A 20010724

Abstract (en)

[origin: EP1411135A1] 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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IPC 8 full level

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Citation (search report)

- [X] JP H06316718 A 19941115 - KOBE STEEL LTD
- [A] WO 9623081 A1 19960801 - VOEST ALPINE IND ANLAGEN [AT], et al
- See references of WO 03010342A1

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