

Title (en)

PROCESS FOR RECOVERY OF IRON/STEEL FROM MILL SCALES AND FINES

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON EISEN/STAHL AUS WALZZUNDER UND FEINTEILEN

Title (fr)

PROCÉDÉ DE RÉCUPÉRATION DE FER/ACIER DANS DES BATTITURES ET FINES

Publication

**EP 2834380 A4 20151230 (EN)**

Application

**EP 13772913 A 20130314**

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Abstract (en)

[origin: WO2013151711A1] A process for recovering iron/steel from scrap mill scales and fines is disclosed. A process in accordance with embodiments of the present invention comprises mixing mill scales and fines with coke or other carbon containing fines and sealing the mixture in a container. The container is charged into a cupola or blast furnace, where the components react to form molten iron/steel. The recovery process in accordance with an embodiment of the present invention is performed integral to cupola or blast furnace operations and the recovered metal is collected at the base of the furnace as molten iron/steel.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] US 4244492 A 19810113 - BEYERSTEDT RONALD J, et al
- See references of WO 2013151711A1

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