

Title (en)

METHOD FOR LOADING RAW MATERIAL INTO BLAST FURNACE

Title (de)

VERFAHREN ZUM LADEN EINES ROHMATERIALS IN EINEN HOCHOFEN

Title (fr)

PROCÉDÉ POUR LE CHARGEMENT DE MATIÈRE PREMIÈRE DANS UN HAUT-FOURNEAU

Publication

**EP 2851438 A1 20150325 (EN)**

Application

**EP 13791652 A 20130516**

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Abstract (en)

A method according to the present invention for charging blast furnace raw material into a blast furnace includes classifying coke into lump coke and small coke and filling furnace top bunkers with the classified coke, classifying ore material into large ore material and small ore material and filling the furnace top bunkers with the classified ore material, and subsequently simultaneously discharging the large ore material when discharging the lump coke and simultaneously discharging the small ore material when discharging the small coke. It is thus possible to ensure gas permeability in the blast furnace, stabilize blast furnace operations, and improve thermal efficiency even when mixing a large amount of coke.

IPC 8 full level

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