

Title (en)

APPARATUS FOR BLOWING DUST COAL OF MELTING FURNACE

Title (de)

VORRICHTUNG ZUM BLASEN VON STAUBKOHLE EINES SCHMELZOFENS

Title (fr)

APPAREIL POUR SOUFFLER DE LA POUSSIÈRE DE CHARBON D'UN FOUR DE FUSION

Publication

**EP 3330387 B1 20200506 (EN)**

Application

**EP 16830798 A 20160725**

Priority

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- KR 2016008111 W 20160725

Abstract (en)

[origin: EP3330387A1] To inject pulverized coal into an upper portion of a bed of a melting furnace to enhance an oxidation degree of reduced gas generated in the melting furnace and improve an ore reduction rate, thereby lowering a portion of carbon dioxide and increasing a portion of carbon dioxide in the melting furnace, provided are a pulverized coal injecting apparatus of a melting furnace including at least one pulverized coal injecting burner which is installed at an upper portion of a bed of a melting furnace; and a control unit which controls an injecting amount of pulverized coal supplied to the pulverized coal injecting burner and a pulverized coal injecting method including: injecting pulverized coal using a pulverized coal injecting burner installed in the melting furnace; and controlling an environment of injecting the pulverized coal into the melting furnace.

IPC 8 full level

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CPC (source: EP)

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