

Title (en)
METHOD FOR OPERATING BLAST FURNACE

Title (de)
VERFAHREN ZUM BETRIEB EINES HOCHOFENS

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN HAUT FOURNEAU

Publication
EP 2871247 B1 20170510 (EN)

Application
EP 13813190 A 20130628

Priority
• JP 2012149384 A 20120703
• JP 2013077526 A 20130403
• JP 2013067788 W 20130628

Abstract (en)
[origin: EP2871247A1] To provide a method for operating a blast furnace that allows an improvement in combustion rate of pulverized coal blown from a tuyere and a reduction in a reducing material basic unit. A method for operating a blast furnace blown from a tuyere via a lance, in which, when a blowing amount of the solid reducing material blown from the tuyere is not less than 150 kg/t per ton of pig iron, a double tube lance is used as the lance to blow the solid reducing material from an inner tube and blow oxygen of not higher than 100°C from between the inner tube and an outer tube, and pulverized coal having an average volatile matter content of more than 25 mass% and not more than 50 mass% is used as the blowing solid reducing material.

IPC 8 full level
C21B 7/16 (2006.01); **C21B 5/00** (2006.01); **C21B 7/00** (2006.01)

CPC (source: EP KR)
C21B 5/00 (2013.01 - EP); **C21B 5/003** (2013.01 - EP KR); **C21B 7/163** (2013.01 - EP KR)

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