

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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