

Title (en)

METHOD FOR OPERATING BLAST FURNACE

Title (de)

BETRIEBSVERFAHREN FÜR EINEN VERBRENNUNGSOFEN

Title (fr)

PROCÉDÉ D'EXPLOITATION DE HAUT FOURNEAU

Publication

EP 2495339 A4 20170322 (EN)

Application

EP 10826928 A 20101028

Priority

- JP 2009248477 A 20091029
- JP 2009294132 A 20091225
- JP 2010241576 A 20101028
- JP 2010069645 W 20101028

Abstract (en)

[origin: EP2495339A1] The amount of a carbon iron composite used is appropriately adjusted when the carbon iron composite is used in a blast furnace, whereby a stable operation is provided. Ore and coke including the carbon iron composite and conventional coke are charged into the blast furnace. The percentage of the carbon iron composite used is 2% to 50% by mass of the coke. The percentage of the carbon iron composite used is preferably 25% by mass or more. The carbon iron composite preferably has a particle size of 15 mm to 40 mm. The carbon iron composite preferably has an iron content of 10% to 40% by mass.

IPC 8 full level

C21B 5/00 (2006.01)

CPC (source: EP KR)

C21B 5/00 (2013.01 - KR); **C21B 5/007** (2013.01 - EP); **C21B 5/008** (2013.01 - EP)

Citation (search report)

- [XI] JP 2005097737 A 20050414 - JFE STEEL KK
- [XI] JP S63210207 A 19880831 - NIPPON KOKAN KK
- See references of WO 2011052798A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10826928 A 20101028; BR 112012010036 A 20101028; CN 201080048840 A 20101028; JP 2010069645 W 20101028; JP 2010241576 A 20101028; KR 20127008143 A 20101028