

Title (en)

DIRECT REDUCTION PROCESS USING SHAFT FURNACE

Publication

**EP 0207779 A3 19881207 (EN)**

Application

**EP 86305084 A 19860701**

Priority

JP 14564185 A 19850702

Abstract (en)

[origin: EP0207779A2] A direct reduction process using a vertical furnace is disclosed in which iron ore (including lump ore and pellets) charged in the furnace is previously treated with a cement coating applied to the surface of the ore. The cement may be Portland cement and is used in a quantity within a predetermined range.

IPC 1-7

**C21B 13/00**; **C21B 13/02**; **C22B 1/24**

IPC 8 full level

**C21B 13/02** (2006.01); **C21B 5/00** (2006.01); **C21B 13/00** (2006.01); **C22B 1/14** (2006.01); **C23C 4/04** (2006.01)

CPC (source: EP)

**C21B 5/008** (2013.01); **C21B 13/008** (2013.01); **C23C 4/04** (2013.01)

Citation (search report)

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