

Title (en)
PROCESS FOR PRODUCING SINTERED ORE AND SINTERING MACHINE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON GESINTERTEM ERZ UND SINTERMASCHINE

Title (fr)
PROCEDE DE PRODUCTION DE MINERAL FRITTE ET FOUR DE FRITTAGE

Publication
EP 1956101 A4 20091202 (EN)

Application
EP 06822967 A 20061027

Priority

- JP 2006322049 W 20061027
- JP 2005317470 A 20051031
- JP 2006096693 A 20060331
- JP 2006250280 A 20060915

Abstract (en)
[origin: EP1956101A1] Provided is the method for producing sintered ore by feeding varieties of gaseous fuels from above the sintering bed of sintering raw material which is charged on the pallet of the sintering machine. The gaseous fuel fed from above the sintering bed on the pallet is a gaseous fuel which is diluted to below the lower limit concentration of combustion. On feeding the gaseous fuel to conduct sintering operation, at least one of a feed position, an ultimate maximum temperature in the sintering bed, and a holding time in high temperature zone is adjusted. Also provided is the sintering machine having the gaseous fuel feed apparatus.

IPC 8 full level
C22B 1/20 (2006.01); **F27B 21/06** (2006.01)

CPC (source: EP KR)
C22B 1/16 (2013.01 - KR); **C22B 1/20** (2013.01 - EP KR); **C22B 1/205** (2013.01 - EP); **F27B 21/06** (2013.01 - EP); **F27D 3/10** (2013.01 - EP)

Citation (search report)

- [X] EP 0079264 A1 19830518 - SIDERURGIE FSE INST RECH [FR], et al
- [XD] JP S5518585 A 19800208 - SUMITOMO METAL IND
- [X] JP 2000192153 A 20000711 - NIPPON KOKAN KK
- See references of WO 2007052776A1

Cited by
EP2365101A4; CN107782147A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1956101 A1 20080813; EP 1956101 A4 20091202; EP 1956101 B1 20120815; AU 2006309650 A1 20070510; AU 2006309650 B2 20101202; AU 2006309650 B8 20101216; CN 101300366 A 20081105; CN 101300366 B 20110105; KR 101074892 B1 20111019; KR 101074893 B1 20111019; KR 20080050508 A 20080605; KR 20100099350 A 20100910; TW 200722529 A 20070616; TW I329677 B 20100901; WO 2007052776 A1 20070510

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