

Title (en)

Operation of lead/zinc blast furnaces

Title (de)

Verfahren zum Betrieb von Blei-Zink-Schachtöfen

Title (fr)

Méthode de conduite d'un four à cuve pour le traitement métallurgique des mélanges zinc-plomb

Publication

EP 0855448 A1 19980729 (EN)

Application

EP 97309939 A 19971210

Priority

GB 9701615 A 19970127

Abstract (en)

A method of operating a lead/zinc blast furnace and a new lead/zinc blast furnace are disclosed. The invention provides a method of operating a lead/zinc blast furnace (2) of the type in which air or oxygen-enriched air is introduced through tuyeres (6) into a bed of coke (4) in the furnace, and feed materials comprising mixed sinter containing oxides of lead and zinc are intermittently charged into the furnace (2), the said oxides being reduced to form lead and zinc in the liquid and gaseous phases, respectively, the method being characterised by introducing a particulate char formed of partially oxidised particulate coal into the furnace. <IMAGE>

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C22B 19/08

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CPC (source: EP)

C22B 13/02 (2013.01); **C22B 19/08** (2013.01)

Citation (search report)

- [A] GB 2197343 A 19880518 - IMP SMELTING PROCESSES
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 365 (C - 532) 29 September 1988 (1988-09-29)

Cited by

GB2427200A; WO2007120026A1; WO0112866A1; WO0005424A1

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