

Title (en)

Nickel-copper matte converters employing nitrogen enriched blast.

Title (de)

Verfahren zum Behandeln von Nickel-Kupfer-Stein im Konverter unter Verwendung eines an Stickstoff angereicherten Blasegases.

Title (fr)

Procédé pour le traitement de matte de nickel-cuivre dans un convertisseur utilisant un gaz de soufflage enrichi en azote.

Publication

EP 0416738 B1 19950927 (EN)

Application

EP 90308320 A 19900730

Priority

CA 607085 A 19890731

Abstract (en)

[origin: EP0416738A1] A process for utilizing nitrogen enriched blasts for control of oxidation and cooling of sulfide derived nickel-copper converter matte. Bessemer quality matte is produced and cooled minimizing mush formation and improving subsequent utility.

IPC 1-7

C22B 15/06; **C22B 23/02**

IPC 8 full level

C22B 15/06 (2006.01); **C22B 23/02** (2006.01); **C22B 23/06** (2006.01)

CPC (source: EP KR)

C22B 15/0041 (2013.01 - EP); **C22B 23/025** (2013.01 - EP); **C22C 5/02** (2013.01 - KR)

Cited by

DE19913335A1; US8030082B2

Designated contracting state (EPC)

BE FR GB

DOCDB simple family (publication)

EP 0416738 A1 19910313; **EP 0416738 B1 19950927**; AU 5999090 A 19910131; AU 632603 B2 19930107; BR 9003670 A 19910827; CA 1338426 C 19960702; FI 903792 A0 19900730; JP H0397814 A 19910423; KR 910003131 A 19910227; KR 940000492 B1 19940121; PE 15791 A1 19910522; ZA 905967 B 19910529

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EP 90308320 A 19900730; AU 5999090 A 19900730; BR 9003670 A 19900727; CA 607085 A 19890731; FI 903792 A 19900730; JP 20107390 A 19900727; KR 900011193 A 19900723; PE 17263390 A 19900725; ZA 905967 A 19900730