

Title (en)
PROCESS FOR MELTING A METAL CHARGE IN A ROTARY KILN, AND ROTARY KILN FOR IMPLEMENTING SUCH PROCESS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHMELZEN EINER METALLCHARGE IN EINEM DREHROHROFEN

Title (fr)
PROCEDE DE FUSION D'UNE CHARGE METALLIQUE DANS UN FOUR ROTATIF ET FOUR ROTATIF POUR LA MISE EN UVRE D'UN TEL PROCEDE

Publication
EP 0769125 A1 19970423 (FR)

Application
EP 95923393 A 19950615

Priority
• ES 9401366 A 19940616
• FR 9500791 W 19950615

Abstract (en)
[origin: WO9534791A1] The process implemented in a rotary kiln (1) provided with an oxyburner (5) comprises the steps of adding to the metal charge in the kiln a solid fuel charge in proportions higher than 1.5 % and injecting, in the direction of the combined charge in the kiln, at least one oxygen jet by means of at least one nozzle (2) situated under the burner (5).

IPC 1-7
F27B 7/20; **C21C 1/08**

IPC 8 full level
F23L 7/00 (2006.01); **C21C 1/08** (2006.01); **C21C 5/46** (2006.01); **F27B 7/20** (2006.01); **F27D 7/02** (2006.01)

CPC (source: EP US)
C21C 1/08 (2013.01 - EP US); **F27B 7/2083** (2013.01 - EP US); **Y10S 266/90** (2013.01 - EP US)

Citation (search report)
See references of WO 9534791A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9534791 A1 19951221; AT E170970 T1 19980915; AU 2796395 A 19960105; AU 691628 B2 19980521; BR 9508013 A 19970902; CA 2192953 A1 19951221; CN 1150837 A 19970528; DE 69504680 D1 19981015; DE 69504680 T2 19990318; DK 0769125 T3 19990301; EP 0769125 A1 19970423; EP 0769125 B1 19980909; ES 2114388 A1 19980516; ES 2114388 B1 19981216; ES 2120755 T3 19981101; JP H10501610 A 19980210; KR 100370632 B1 20030411; TW 257793 B 19950921; US 6039786 A 20000321

DOCDB simple family (application)
FR 9500791 W 19950615; AT 95923393 T 19950615; AU 2796395 A 19950615; BR 9508013 A 19950615; CA 2192953 A 19950615; CN 95193625 A 19950615; DE 69504680 T 19950615; DK 95923393 T 19950615; EP 95923393 A 19950615; ES 9401366 A 19940616; ES 95923393 T 19950615; JP 50174496 A 19950615; KR 19960707176 A 19961214; TW 84101163 A 19950210; US 75055997 A 19970522