

Title (en)

METHOD FOR THE PRODUCTION OF A FOAMED SLAG IN A METAL BATH

Title (de)

VERFAHREN ZUR ERZEUGUNG EINER SCHAUMSCHLACKE IN EINER METALLISCHEN SCHMELZE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN LAITIER EXPANSÉ DANS UNE MATIÈRE FONDUE MÉTALLIQUE

Publication

**EP 1979494 A1 20081015 (DE)**

Application

**EP 07702759 A 20070115**

Priority

- EP 2007000291 W 20070115
- DE 102006004532 A 20060201

Abstract (en)

[origin: DE102006004532A1] Production of foam slag (1) in a metallic melt (2) in a metallurgical oven (3) comprises adding a mixture (4) containing metal oxide and carbon to the oven so that a required foam slag height (h) is reached.

IPC 8 full level

**C21C 5/52** (2006.01)

CPC (source: EP KR US)

**C21C 5/52** (2013.01 - KR); **C21C 5/527** (2013.01 - EP US); **C21C 5/54** (2013.01 - KR); **C21C 7/00** (2013.01 - KR); **C21C 7/0025** (2013.01 - EP US); **F27B 3/10** (2013.01 - EP US); **C21C 2005/5288** (2013.01 - EP US); **C21C 2007/0062** (2013.01 - EP US); **C21C 2300/02** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US)

Citation (search report)

See references of WO 2007087979A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102006004532 A1 20070802**; **DE 102006004532 B4 20141009**; AU 2007211649 A1 20070809; AU 2007211649 A2 20081016; AU 2007211649 B2 20110609; BR PI0707450 A2 20110503; CA 2637850 A1 20070809; CA 2637850 C 20120320; CN 101379201 A 20090304; EP 1979494 A1 20081015; JP 2009525402 A 20090709; JP 5079710 B2 20121121; KR 101297589 B1 20130819; KR 20080097407 A 20081105; MX 2008009968 A 20081017; RU 2008135365 A 20100310; RU 2418863 C2 20110520; UA 94252 C2 20110426; US 2009255375 A1 20091015; US 8043402 B2 20111025; WO 2007087979 A1 20070809; ZA 200806791 B 20090527

DOCDB simple family (application)

**DE 102006004532 A 20060201**; AU 2007211649 A 20070115; BR PI0707450 A 20070115; CA 2637850 A 20070115; CN 200780004220 A 20070115; EP 07702759 A 20070115; EP 2007000291 W 20070115; JP 2008552708 A 20070115; KR 20087018075 A 20070115; MX 2008009968 A 20070115; RU 2008135365 A 20070115; UA A200810770 A 20070115; US 22341607 A 20070115; ZA 200806791 A 20080806