

Title (en)

DEGASSING OF MARTENSITIC STAINLESS STEEL BEFORE REMELTING BENEATH A LAYER OF SLAG

Title (de)

ENTGASUNG VON MARTENSITISCHEM EDELSTAHL VOR DEM UMSCHMELZEN UNTER EINER SCHLACKESCHICHT

Title (fr)

DEGAZAGE D'ACIERS MARTENSITIQUES INOXYDABLES AVANT REFUSION SOUS LAITIER

Publication

EP 2488670 B1 20190626 (FR)

Application

EP 10781970 A 20101011

Priority

- FR 0957109 A 20091012
- FR 2010052141 W 20101011

Abstract (en)

[origin: WO2011045514A1] The invention relates to a method for producing a martensitic stainless steel, including a step of remelting an ingot of said steel beneath a layer of slag, followed by a step of cooling said ingot. Before the step of remelting beneath a layer of slag, the ingot undergoes a vacuum degassing operation for a sufficient amount of time to obtain a hydrogen content in the ingot of less than 3 ppm.

IPC 8 full level

C21C 7/10 (2006.01); **C22B 9/18** (2006.01)

CPC (source: EP US)

C21C 7/10 (2013.01 - EP US); **C22B 9/18** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2951196 A1 20110415; FR 2951196 B1 20111125; BR 112012008526 A2 20160405; BR 112012008526 B1 20211116; CA 2777035 A1 20110421; CA 2777035 C 20180320; CN 102575309 A 20120711; EP 2488670 A1 20120822; EP 2488670 B1 20190626; JP 2013507531 A 20130304; JP 5791617 B2 20151007; RU 2012119544 A 20131120; RU 2563405 C2 20150920; US 2012279350 A1 20121108; US 8709123 B2 20140429; WO 2011045514 A1 20110421

DOCDB simple family (application)

FR 0957109 A 20091012; BR 112012008526 A 20101011; CA 2777035 A 20101011; CN 201080046201 A 20101011; EP 10781970 A 20101011; FR 2010052141 W 20101011; JP 2012533672 A 20101011; RU 2012119544 A 20101011; US 201013501568 A 20101011