

Title (en)

Method and device for descaling a surface of a cast strand fed from a continuous casting installation, said surface having oscillation marks

Title (de)

Verfahren und Vorrichtung zum Entzundern einer Oszillationsmarken aufweisenden Oberfläche eines Gussstranges aus einer Stranggiessanlage

Title (fr)

Procédé et dispositif pour le décalaminage d'une surface d'une barre coulée provenant d'une installation de coulée continue, ladite surface présentant des marques d'oscillations

Publication

EP 1018377 A3 20030917 (DE)

Application

EP 99124715 A 19991211

Priority

DE 19900427 A 19990108

Abstract (en)

[origin: EP1018377A2] Process for descaling the surface of a casting rod comprises elongating the rod (1) between the end of the rod support (10) and before the inlet to the compensating oven (11) or before the inlet to the roll stand (33) in a limited region by a two-stage deflection from the horizontal transporting device in the region of each deflection (4, 5), and intensively cleaning the rod surfaces (2, 3) especially in the deflecting regions (4, 5) using hard water jets (8, 9). An Independent claim is also included for an apparatus for carrying out the descaling process.

IPC 1-7

B21B 45/08

IPC 8 full level

B21B 45/06 (2006.01); **B21B 45/00** (2006.01); **B21B 45/08** (2006.01); **B21B 1/46** (2006.01); **B21B 45/04** (2006.01)

CPC (source: EP KR US)

B21B 45/08 (2013.01 - EP KR US); **B21B 1/46** (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US); **B21B 45/04** (2013.01 - EP US); **Y10T 29/4517** (2015.01 - EP US); **Y10T 29/4533** (2015.01 - EP US); **Y10T 29/4544** (2015.01 - EP US)

Citation (search report)

- [XA] EP 0360480 A2 19900328 - HITACHI LTD [JP]
- [A] DE 3150946 A1 19830714 - WOMA MAASBERG CO GMBH W [DE]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 011, no. 128 (M - 583) 22 April 1987 (1987-04-22)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 02 31 March 1995 (1995-03-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 418 (M - 871) 18 September 1989 (1989-09-18)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 179 (M - 234) 9 August 1983 (1983-08-09)

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WO2012120112A1; CN107931328A; EP1059127A3; KR100648498B1; CN105121042A; CN101811145A; ITMI20110368A1; US9669439B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1018377 A2 20000712; **EP 1018377 A3 20030917**; **EP 1018377 B1 20050706**; AT E299050 T1 20050715; CN 1260253 A 20000719; DE 19900427 A1 20000713; DE 59912239 D1 20050811; JP 2000202518 A 20000725; JP 4637986 B2 20110223; KR 100648498 B1 20061124; KR 20000053410 A 20000825; US 6389666 B1 20020521

DOCDB simple family (application)

EP 99124715 A 19991211; AT 99124715 T 19991211; CN 00101002 A 20000107; DE 19900427 A 19990108; DE 59912239 T 19991211; JP 37054099 A 19991227; KR 20000000575 A 20000107; US 47961000 A 20000107