

Title (en)

METHOD OF OPERATING A TWIN-ROLL CASTING MACHINE FOR CASTING MOLTEN METAL INTO CAST STRIP

Title (de)

VERFAHREN ZUM BETRIEB EINER ZWEIWALZENGIESSMASCHINE ZUM VERGIESSEN VON METALLSCHMELZEN ZU GEGOSSENEM BAND

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UNE MACHINE DE COULEE A DEUX CYLINDRES POUR LA COULEE DE METAUX EN FUSION EN BANDE COULEE

Publication

EP 1957220 B1 20090513 (DE)

Application

EP 06819633 A 20061120

Priority

- EP 2006068683 W 20061120
- DE 102005054996 A 20051118

Abstract (en)

[origin: US7938167B2] A method for operating a two-roll casting machine for casting molten metal into cast strip, which machine has two casting rolls which are each rotatively driven in opposite directions about an axis of rotation and between them delimit a casting gap on its longitudinal sides, with side plates that can be placed on the casting rolls, which side plates seal the casting gap on its narrow sides in the casting operation, bridging the casting gap with a refractory material, wherein the side plates are moved during the casting operation in a direction which is aligned parallel to the direction of conveying in which the cast strip leaves the casting gap. With such a method the formation of grooves distorting the casting result and the casting operation can be suppressed with increased certainty and the service life of the side plates can be increased, compared to the prior art.

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP KR US)

B22D 11/06 (2013.01 - KR); **B22D 11/066** (2013.01 - EP US); **B22D 11/16** (2013.01 - KR)

Cited by

US8397794B2

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)

US 2009090484 A1 20090409; US 7938167 B2 20110510; AT E431209 T1 20090515; DE 102005054996 A1 20070524; DE 502006003743 D1 20090625; EP 1957220 A1 20080820; EP 1957220 B1 20090513; KR 101323335 B1 20131030; KR 20080065310 A 20080711; WO 2007057469 A1 20070524

DOCDB simple family (application)

US 9405406 A 20061120; AT 06819633 T 20061120; DE 102005054996 A 20051118; DE 502006003743 T 20061120; EP 06819633 A 20061120; EP 2006068683 W 20061120; KR 20087013969 A 20061120