

Title (en)
METHOD FOR OPERATING A STRIP CASTING MACHINE FOR PRODUCING A METAL STRIP AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)
VERFAHREN ZUM BETRIEB EINER BANDGIESSMASCHINE FÜR DIE ERZEUGUNG EINES METALLBANDES SOWIE EINE VORRICHTUNG ZUM DURCHFÜHREN DES VERFAHRENS

Title (fr)
PROCEDE POUR FAIRE FONCTIONNER UNE MACHINE DE COULEE DE FEUILLARDS POUR PRODUIRE UN FEUILLARD METALLIQUE, ET DISPOSITIF POUR METTRE EN OEUVRE LE PROCEDE

Publication
EP 1670603 B1 20070103 (DE)

Application
EP 04765871 A 20041007

Priority
• EP 2004011210 W 20041007
• CH 17082003 A 20031008

Abstract (en)
[origin: WO2005035170A1] The invention relates to a method for operating a strip casting machine for producing a metal strip during which molten metal is continuously poured between two casting rolls (3, 4) that form a casting gap. Sealing plates (2b) are provided for laterally delimiting the casting gap, whereby the sealing plates (2b) are displaced during the casting operation in an oscillating manner transversal to the direction of the axis of the casting rolls (3,) counter to the front surface (3a, 4a) of said casting rolls (3, 4). Said sealing plates (2b) are displaced in an oscillating manner in and counter to the direction of the periphery (U3 and/or U4) of the casting rolls (3, 4), whereby displacement takes place in an alternating manner along one or the other casting roll edges (3k and/or 4k). Partial solidifications can, to a large extent, be prevented from forming and can be removed if need be. The produced metal strip has clean edges.

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP US)
B22D 11/066 (2013.01 - EP US)

Cited by
US8453712B2; WO2009103802A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005035170 A1 20050421; AT E350185 T1 20070115; CH 696756 A5 20071130; CN 100384566 C 20080430; CN 1863623 A 20061115; DE 502004002581 D1 20070215; EP 1670603 A1 20060621; EP 1670603 B1 20070103; US 2007051487 A1 20070308; US 7594534 B2 20090929

DOCDB simple family (application)
EP 2004011210 W 20041007; AT 04765871 T 20041007; CH 17082003 A 20031008; CN 200480029530 A 20041007; DE 502004002581 T 20041007; EP 04765871 A 20041007; US 57324904 A 20041007