

Title (en)

TWO-DIMENSIONAL OSCILLATION OF A CONTINUOUS CASTING MOULD

Title (de)

ZWEIDIMENSIONALE OSZILLATION EINER STRANGGIESSKOKILLE, VERFAHREN SOWIE VORRICHTUNG

Title (fr)

OSCILLATION BIDIMENSIONNELLE D'UNE LINGOTIÈRE DE COULÉE CONTINUE

Publication

EP 3013499 B1 20170809 (DE)

Application

EP 14731938 A 20140613

Priority

- AT 504252013 A 20130627
- EP 2014062303 W 20140613

Abstract (en)

[origin: WO2014206761A2] The invention relates to a method and a device for oscillating a mould (1) of a continuous casting machine. The object of the invention is to provide a method for oscillating a mould (1) of a continuous casting machine, wherein the strand is better lubricated by the casting powder, and the strand has fewer oscillation marks. To achieve this object, at least one long-side plate (3, 3a, 3b) of the mould (1) oscillates horizontally in the direction of the length (H) of the long-side plate (3, 3a, 3b) with $f \neq H$, where $f \neq H$, and for all points of the locus curve of the long-side plate (3) the magnitude of the velocity lv is greater than 0.

IPC 8 full level

B22D 11/053 (2006.01); **B22D 11/16** (2006.01)

CPC (source: AT EP)

B22D 11/051 (2013.01 - AT); **B22D 11/053** (2013.01 - AT EP); **B22D 11/0535** (2013.01 - EP); **B22D 11/166** (2013.01 - AT EP)

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)

WO 2014206761 A2 20141231; **WO 2014206761 A3 20150423**; AT 514495 A1 20150115; AT 514495 B1 20160515; CN 105517729 A 20160420; EP 3013499 A2 20160504; EP 3013499 B1 20170809; KR 102195755 B1 20201229; KR 20160027047 A 20160309

DOCDB simple family (application)

EP 2014062303 W 20140613; AT 504252013 A 20130627; CN 201480036175 A 20140613; EP 14731938 A 20140613; KR 20167002252 A 20140613