

Title (en)

METHOD FOR OSCILLATING A CONTINUOUS-CASTING MOULD BY MEANS OF VARIABLE OSCILLATION PARAMETERS

Title (de)

VERFAHREN ZUM OSZILLIEREN EINER STRANGGIESSKOKILLE MITTELS VARIABLER OSZILLATIONSPARAMETER

Title (fr)

PROCEDE POUR FAIRE OSCILLER UNE LINGOTIERE DE COULEE EN CONTINUE SELON DES PARAMETRES D'OSCILLATION VARIABLES

Publication

EP 1133370 B1 20020904 (DE)

Application

EP 99958061 A 19991117

Priority

- DE 19854329 A 19981125
- EP 9908836 W 19991117

Abstract (en)

[origin: WO0030783A1] The invention relates to a method for oscillating a continuous-casting mould by means of vertically alternating movements in or against the direction of casting, the stroke and frequency of the oscillation being parameters which can be set in accordance with casting speed. If the mould presents a forward slip in relation to the strand, that is the so-called negative strip, liquid and/or solid casting material is drawn into the gap between mould and strand. By uncoupling the linear relation between casting speed and the oscillation parameters stroke/frequency the parameters are varied insofar as with increasing casting speed acceleration of the moving system is reduced overall by way of a relative decrease in frequency and relative increase in stroke.

IPC 1-7

B22D 11/053

IPC 8 full level

B22D 11/053 (2006.01)

CPC (source: EP KR)

B22D 11/053 (2013.01 - EP KR); **B22D 11/166** (2013.01 - EP)

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)

WO 0030783 A1 20000602; AT E223268 T1 20020915; DE 19854329 A1 20000531; DE 59902597 D1 20021010; EP 1133370 A1 20010919; EP 1133370 B1 20020904; ES 2183628 T3 20030316; KR 100634049 B1 20061016; KR 20010080508 A 20010822; MX PA01005160 A 20050620

DOCDB simple family (application)

EP 9908836 W 19991117; AT 99958061 T 19991117; DE 19854329 A 19981125; DE 59902597 T 19991117; EP 99958061 A 19991117; ES 99958061 T 19991117; KR 20017006319 A 20010518; MX PA01005160 A 19991117