

Title (en)

METHOD FOR SWAYING A CONTINUOUS CASTING MOLD

Title (de)

VERFAHREN ZUR ERZEUGUNG DER OSZILLATION EINER STRANGGIESSKOKILLE

Title (fr)

METHODE DE BALANCEMENT D'UNE COQUILLE DE COULEE CONTINUE

Publication

EP 0977642 A1 20000209 (DE)

Application

EP 98922773 A 19980424

Priority

- DE 19717778 A 19970426
- DE 19742794 A 19970927
- EP 9802434 W 19980424

Abstract (en)

[origin: US6363998B1] A process for producing the oscillation of a continuous casting mold, especially with the use of a hydraulically driven lifting device. So that the heat transfer to the mold and the formation of the casting shell can be effectively controlled, it is proposed that, for any given strand withdrawal rate, the zero line of the mold oscillations relative to the position of the surface of the steel in the mold be moved upward and/or downward during the casting process. As a result of this measure, the quality of the cast product is effectively improved.

IPC 1-7

B22D 11/04

IPC 8 full level

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

CPC (source: EP US)

B22D 11/053 (2013.01 - EP US)

Cited by

DE102008006189A1; WO2009092607A1

Designated contracting state (EPC)

AT BE DE ES FI FR GB IT LU NL SE

DOCDB simple family (publication)

US 6363998 B1 20020402; AT E211663 T1 20020115; CN 1072049 C 20011003; CN 1253517 A 20000517; EP 0977642 A1 20000209; EP 0977642 B1 20020109; ES 2173581 T3 20021016; JP 2001522312 A 20011113; WO 9848960 A1 19981105

DOCDB simple family (application)

US 40355599 A 19991221; AT 98922773 T 19980424; CN 98804542 A 19980424; EP 9802434 W 19980424; EP 98922773 A 19980424; ES 98922773 T 19980424; JP 54658998 A 19980424