Title (en)

METHOD FOR OPERATING A STRIP-CASTING MACHINE USED FOR PRODUCING A METAL STRIP AND A CORRESPONDING STRIP-CASTING MACHINE

Title (de)

VERFAHREN ZUM BETRIEB EINER BANDGIESSMASCHINE FÜR DIE ERZEUGUNG EINES METALLBANDES SOWIE EINE BANDGIESSMASCHINE

Title (fr)

PROCEDE POUR ACTIONNER UNE MACHINE A COULEE EN BANDE POUR PRODUIRE UNE BANDE DE METAL ET MACHINE A COULEE EN BANDE APPROPRIEE

Publication

EP 1227906 A1 20020807 (DE)

Application

EP 00964203 A 20000919

Priority

- CH 175099 A 19990924
- EP 0009159 W 20000919

Abstract (en)

[origin: EP1088609A1] The invention relates to a strip-casting machine (20) for producing a metal strip. Said strip-casting machine consists of a pair of casting rolls (22, 24) arranged in side-by-side parallel relation with a casting gap thereinbetween and of lateral sealing elements (25) that are provided with respective sealing plates (61) at both sides of the casting rolls (22, 24) that are pushed or pressed against the casting rolls from the front by means of pushing or pressing means. The respective sealing plate (61) is pushed or pressed against the two equilateral front faces (22', 24') of the casting rolls (22, 24) in such a manner that, in the heated operational state, it facilitates an extremely exact positioning on the front faces of the casting rolls. To this end, the sealing plate (61) is mounted in such a manner as to allow a three-dimensional displacement of the sealing plate, as if floating.

IPC 1-7

B22D 11/06; B22D 11/16

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP KR US)

B22D 11/0622 (2013.01 - EP KR US); B22D 11/066 (2013.01 - EP US); B22D 11/0682 (2013.01 - KR); B22D 11/16 (2013.01 - KR)

Citation (search report)

See references of WO 0123121A1

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)

EP 1088609 A1 20010404; AT E240805 T1 20030615; AT E240806 T1 20030615; AU 7520900 A 20010430; AU 7521000 A 20010430; CH 691574 A5 20010831; CN 1191897 C 20050309; CN 1200786 C 20050511; CN 1376095 A 20021023; CN 1376097 A 20021023; DE 50002296 D1 20030626; DE 50002302 D1 20030626; EA 003382 B1 20030424; EA 003383 B1 20030424; EA 200200398 A1 20021031; EA 200200399 A1 20021031; EP 1225992 A1 20020731; EP 1225992 B1 20030521; EP 1225992 B2 20060913; EP 1227906 A1 20020807; EP 1227906 B1 20030521; ES 2200936 T3 20040316; ES 2200937 T3 20040316; ES 2200937 T5 20070501; KR 100686518 B1 20070223; KR 100741729 B1 20070724; KR 20020063863 A 20020805; KR 20020063864 A 20020805; US 6651729 B1 20031125; US 6655447 B1 20031202; WO 0123121 A1 20010405; WO 0123122 A1 20010405

DOCDB simple family (application)

EP 99811003 A 19991103; AT 00964203 T 20000919; AT 00964204 T 20000919; AU 7520900 A 20000919; AU 7521000 A 20000919; CH 175099 A 19990924; CN 00813258 A 20000919; CN 00813268 A 20000919; DE 50002296 T 20000919; DE 50002302 T 20000919; EA 200200398 A 20000919; EA 200200399 A 20000919; EP 0009159 W 20000919; EP 0009161 W 20000919; EP 00964203 A 20000919; EP 00964204 A 20000919; ES 00964203 T 20000919; ES 00964204 T 20000919; KR 20027003822 A 20020323; KR 20027003823 A 20020323; US 8883302 A 20020605; US 8883402 A 20020603