

Title (en)

ROLLER-EQUIPPED GUIDE SEGMENT IN A CONTINUOUS CASTING FACILITY

Title (de)

ROLLENBESTÜCKTES FÜHRUNGSSEGMENT AN EINER STRANGGIESSANLAGE

Title (fr)

SEGMENT DE GUIDAGE A ROULEAUX, SUR UNE INSTALLATION DE COULEE CONTINUE

Publication

**EP 1251984 B1 20030716 (DE)**

Application

**EP 01911523 A 20010124**

Priority

- DE 10003846 A 20000131
- EP 0100760 W 20010124

Abstract (en)

[origin: WO0156724A1] The invention concerns a roller-equipped guide segment in a continuous casting facility. At least a certain number of rollers are distributed in three axially aligned roller bodies (4a, 5, 6) with the purpose of absorbing as much mechanical load as possible for receiving the supporting force. Only the external roller bodies (4, 6) are axially fixed by means of their external bearings, which are configured in the form of fixed bearings. The central roller body (5) is float mounted. All inner bearings (4b, 6a) of the external roller bodies (4, 6), which are configured as movable bearings, and both bearings (8b, 9a) of the central roller body are configured in the form of high load capacity movable bearings, especially in the form of CARB bearings. The free axial of the float mounted central roller body (5) is limited by stops (11, 12a, 12b, 13) that are configured as stop disks and mounted between the opposite front faces of the central roller body (5) and the external roller body (4, 6).

IPC 1-7

**B22D 11/128**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP US)

**B22D 11/0405** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0156724 A1 20010809**; AT E245071 T1 20030815; AU 4053901 A 20010814; DE 10003846 A1 20010823; DE 10003846 C2 20020221; DE 50100385 D1 20030821; EP 1251984 A1 20021030; EP 1251984 B1 20030716; ES 2202280 T3 20040401; US 2003075302 A1 20030424; US 6736189 B2 20040518

DOCDB simple family (application)

**EP 0100760 W 20010124**; AT 01911523 T 20010124; AU 4053901 A 20010124; DE 10003846 A 20000131; DE 50100385 T 20010124; EP 01911523 A 20010124; ES 01911523 T 20010124; US 18228302 A 20020927