

Title (en)

ARRANGEMENT AND METHOD FOR DETECTING AN OPERATIONAL STATE OF A STRAND GUIDE

Title (de)

ANORDNUNG UND VERFAHREN ZUR DETEKTIERUNG EINES BETRIEBSZUSTANDES EINER STRANGFÜHRUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉTECTION DE L'ÉTAT DE FONCTIONNEMENT D'UN GUIDAGE DE BARRE

Publication

EP 2334454 A1 20110622 (DE)

Application

EP 09778654 A 20090922

Priority

- EP 2009006839 W 20090922
- DE 102008050393 A 20081002

Abstract (en)

[origin: WO2010037490A1] The invention relates to a method and to an arrangement for detecting an operational state of a continuous casting system comprising a strand guide composed of strand guide segments, particularly a slab or thin slab system, comprising at least one segment having rollers and/or partial rollers supported by means of bearings, wherein measuring sensors are arranged on at least individual bearings for monitoring bearing forces and/or for the temporal change of bearing forces, wherein the data determined by the measurement sensors are transmitted to an evaluation unit for evaluating and/or signaling the operational state of the system, of at least one segment and/or at least one roller, and/or at least one partial roller and/or at least one bearing.

IPC 8 full level

B22D 11/20 (2006.01); **B21C 51/00** (2006.01)

CPC (source: EP)

B21C 51/00 (2013.01); **B22D 11/208** (2013.01)

Citation (search report)

See references of WO 2010037490A1

Cited by

US10807158B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008050393 A1 20100408; CN 102170984 A 20110831; CN 102170984 B 20160406; EP 2334454 A1 20110622; EP 2334454 B1 20151111; WO 2010037490 A1 20100408

DOCDB simple family (application)

DE 102008050393 A 20081002; CN 200980139087 A 20090922; EP 09778654 A 20090922; EP 2009006839 W 20090922