

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

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Application

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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

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MÖRWALD K ET AL: "ROLL LOAD MEASUREMENTS ON THIN SLAB CASTER FOR LIQUID CORE DETECTION", IRONMAKING & STEELMAKING: PROCESSES, PRODUCTS AND APPLICATIONS, MANEY PUBLISHING, UNITED KINGDOM, vol. 25, no. 2, 1 January 1998 (1998-01-01), pages 159 - 162, XP002320897, ISSN: 0301-9233

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