

Title (en)

CONCEPT FOR ADJUSTING PROCESS PARAMETERS OF A ROLLING PROCESS BY MEANS OF A MEASURED BEARING SLIP

Title (de)

KONZEPT ZUM EINSTELLEN VON PROZESSPARAMETERN EINES WALZPROZESSES MITTELS EINES GEMESSENEN LAGERSCHLUPFES

Title (fr)

CONCEPT DE RÉGLAGE DE PARAMÈTRES D'UN PROCESSUS DE LAMINAGE AU MOYEN D'UN GLISSEMENT DE PALIER MESURÉ

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Application

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Abstract (en)

[origin: WO2012072603A1] The invention relates to a concept for regulating or controlling a plurality of process parameters (13-n) which determine an interaction of a plurality of rollers (11; 12) of a rolling mill (10) in a rolling process. A measured value (15) for a bearing slip of at least one rolling bearing (16) with which one of the rollers (11; 12) is supported is ascertained during the rolling process. At least one of the process parameters (13-n) is then adjusted on the basis of the measured bearing slip (15) such that the bearing slip of the roller (11; 12) lies in a predefined range containing a bearing slip target value during the rolling process.

IPC 8 full level

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