

Title (en)  
METHOD AND DEVICE FOR AUTOMATIC CALIBRATION OF A ROCK DRILLING JOINT AND ROCK DRILLING RIG COMPRISING SUCH A DEVICE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR AUTOMATISCHEN KALIBRIERUNG EINER STEINBOHRVERBINDUNG UND STEINBOHRMASCHINE MIT EINER SOLCHEN VORRICHTUNG

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR L'ÉTALONNAGE AUTOMATIQUE D'UN RACCORD D'UN APPAREIL DE FORAGE ET APPAREIL DE FORAGE COMPRENANT LEDIT DISPOSITIF

Publication  
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Application  
**EP 07709387 A 20070227**

Priority  
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• SE 0600438 A 20060228

Abstract (en)  
[origin: WO2007100287A1] The present invention relates to a method and a device for calibration of joint means in a rock-drilling rig comprising at least one joint means, wherein a joint motion speed for the said joint means is controllable by means of control means, and wherein the influence of the said control means upon the motional speed of the said joint means is designed to be controlled by a control parameter. The method comprises the steps of setting a value for a control parameter, determining whether the deviation between the joint motion speed obtained by means of the control parameter value and a reference joint motion speed falls below a certain threshold value, increasing/reducing the value for the said control parameter if the said deviation exceeds the said threshold value, and automatically repeating the above steps until the said deviation falls below the said threshold value. The invention also relates to a device and rock-drilling rig.

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**E21B 7/022** (2013.01 - EP); **E21B 7/025** (2013.01 - EP); **E21B 7/04** (2013.01 - SE); **E21B 15/045** (2013.01 - SE)

Citation (search report)  
• [Y] WO 9523276 A1 19950831 - TAMROCK OY [FI], et al  
• [Y] WO 02092966 A1 20021121 - SANDVIK TAMROCK OY [FI], et al  
• See references of WO 2007100287A1

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