

Title (en)

ADAPTIVE GENERATION OF DRILLING PARAMETERS DURING AUTOMATED CORE DRILLING

Title (de)

ADAPTIVE GENERIERUNG VON BOHRPARAMETERN BEIM AUTOMATISIERTEN KERNBOHREN

Title (fr)

GÉNÉRATION ADAPTATIVE DE PARAMÈTRES DE FORAGE LORS D'UNE OPÉRATION DE CAROTTAGE AUTOMATISÉ

Publication

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Application

EP 16721724 A 20160422

Priority

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Abstract (en)

[origin: WO2016173941A1] The invention relates to a control method for the use of a core drilling system involving a core drilling machine and a feed device for driving the core drilling machine along a machine holding device, comprising the following method steps: - detecting at least a first drilling parameter value during the core drilling operation; - defining the at least first drilling parameter value as a reference value; - detecting at least a second drilling parameter value during the core drilling operation; - comparing the at least second drilling parameter value with the reference value; and - selecting a predetermined parameter setting for the core drilling system when the second drilling parameter value exceeds or falls below the reference value by a predetermined threshold value. The invention also relates to a feed device for driving a core drilling machine along a machine holding device for use of the method, a core drilling machine for use of the method as well as a core drilling system containing a core drilling machine and a feed device for driving the core drilling machine along a machine holding device for use of the method.

IPC 8 full level

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Citation (search report)

See references of WO 2016173941A1

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