Title (en)
REVERSING MODE FOR CORE DRILLING SYSTEMS

Title (de)
RÜCKFAHRMODUS FÜR KERNBOHRSYSTEME

Title (fr)
MODE DE RECUL POUR SYSTÈMES DE CAROTTAGE

Publication
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Application
EP 16720074 A 20160422

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Abstract (en)
[origin: WO2016173943A1] 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, characterized by the following method steps: - determining the end of a core drilling operation on the basis of reaching a predetermined threshold value for at least a corresponding predefined drilling parameter; and - selecting a reversing mode for returning a drilling tool from a borehole with a reversing rotational speed that corresponds to a multiple of a predetermined tapping speed of rotation of the drilling tool at the beginning of the core drilling operation. 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 comprising a core drilling machine and an advancing device for driving the core drilling machine along a machine holding device for use of the method.

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