Title (en)
OPTIMISED SETTING PROCEDURE FOR AN EXPANSIBLE ANCHOR

Title (de)
OPTIMIERTES SETZVERFAHREN FÜR SPREIZANKER

Title (fr)
PROCÉDE OPTIMISÉ POUR UNE ANCRE EXTENSIBLE

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Application
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Abstract (en)
[origin: WO2016023883A1] The invention relates to a method for setting an expansion anchor by means of a power tool, comprising the following steps: applying rotational impacts to an expansion anchor in accordance with a first rotational speed until a rotational angle per rotational impact of an output shaft of the power tool falls below a predetermined threshold value; and applying rotational impacts to the expansion anchor in accordance with a reduced second rotational speed for a predetermined duration. The invention further relates to a power tool, comprising: an input device for capturing a type of an expansion anchor or a tightening torque for the expansion anchor; an impact unit for producing rotational impacts; a device for sensing a rotational angle of an output shaft; and a control device. The control device is designed to set a first rotational speed, whereby rotational impacts dependent on the first rotational speed can be applied to the expansion anchor until a rotational angle per rotational impact of the output shaft falls below a predetermined threshold value and to set a reduced second rotational speed, whereby rotational impacts dependent on the second rotational speed can be applied for a predetermined duration to the expansion anchor in order to expand the expansion sleeve of the expansion anchor.

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