

Title (en)
OPTIMISED SETTING PROCEDURE FOR AN EXPANSIBLE ANCHOR

Title (de)
OPTIMIERTES SETZVERFAHREN FÜR SPREIZANKER

Title (fr)
PROCÉDE OPTIMISÉ POUR UNE ANCRE EXTENSIBLE

Publication
EP 3180165 A1 20170621 (DE)

Application
EP 15750401 A 20150811

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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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