

Title (en)

METHOD FOR CONTROLLING AN INTERMITTENTLY OPERATING SCREW TOOL

Title (de)

VERFAHREN ZUR STEUERUNG EINES INTERMITTIEREND ARBEITENDEN SCHRAUBWERKZEUGS

Title (fr)

PROCEDE DE COMMANDE D'UNE VISSEUSE FONCTIONNANT PAR INTERMITTENCE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03013797A1] The invention relates to a method for controlling an intermittent screw process. The inventive method is first carried out in a torque mode in which the torque is continuously measured. When a pre-torque (MF) is achieved, the method is carried out in an angle of rotation mode wherein the angle of rotation is measured. The angle of rotation (α) is incremented at each lift, based on the angle of rotation $\alpha = 0$ (corresponding to the pre-torque (MF)). The torque (MHE) which is reached at the end of the lift is stored. At the following lift, the measurement of the angle (α) is only begun when the torque (MHE) at the end of the previous lift is reached again. The screw process is ended when a target angle (α_Z) is reached.

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