

Title (en)

CONTROL METHOD FOR AN IMPACT HANDHELD MACHINE TOOL

Title (de)

STEUERUNGSVERFAHREN FÜR EINE SCHLAGENDE HANDWERKZEUGMASCHINE

Title (fr)

PROCÉDÉ DE COMMANDE POUR UNE MACHINE-OUTIL MANUELLE DE FRAPPE

Publication

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Application

**EP 17808505 A 20171206**

Priority

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Abstract (en)

[origin: WO2018108658A1] The invention relates to a control method for a percussive hand-held power tool (1), said method comprising the following steps: detection of a switching state of an operating switch (12), detection of a temperature T using a temperature sensor (22), and activation of an electropneumatic striker (5) in response to an actuation of the operating switch (12), an exciter (13) of the electropneumatic striker (5) being moved back and forth along a working axis (3) with a repetition rate R, whereby a striker (14) coupled to the exciter (13) by means of a pneumatic chamber (16) is moved therewith. When the temperature T is higher than a threshold temperature T<sub>c</sub>, the repetition rate R is continuously increased from rest to a nominal value (21). The length of time required to reach the nominal value (21) is shorter than 10 cycles. When the temperature T is lower than the threshold temperature T<sub>c</sub>, the length of time required to reach the nominal value (21) is longer than 200 cycles.

IPC 8 full level

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