

Title (en)
METHOD FOR EFFICIENTLY DISCHARGING A RECHARGEABLE BATTERY

Title (de)
VERFAHREN ZUM EFFIZIENTEN ENTLADEN EINES AKKUMULATORS

Title (fr)
PROCÉDÉ DE DÉCHARGE EFFICACE D'UNE BATTERIE RECHARGEABLE

Publication
EP 4038687 A1 20220810 (DE)

Application
EP 20774987 A 20200922

Priority
• EP 19200696 A 20191001
• EP 2020076383 W 20200922

Abstract (en)
[origin: WO2021063740A1] A method for controlling and regulating a machine tool comprising at least one rechargeable battery, a drive and at least one control device, said rechargeable battery being used as a power supply for the machine tool. The method comprises the method steps: at least one temperature value of the rechargeable battery is measured by a temperature measuring device; at least one first voltage value of the rechargeable battery is measured by a voltage measuring device; and a first power parameter value of the machine tool is set to a second power parameter value of the machine tool in order to set an amperage value when the measured temperature value corresponds to a predetermined temperature threshold value and the measured voltage value corresponds to a predetermined voltage threshold value. A system containing a machine tool and at least one rechargeable battery for supplying the machine tool with electrical energy to carry out the method.

IPC 8 full level
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Citation (search report)
See references of WO 2021063740A1

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EP 3800722 A1 20210407; CN 114245959 A 20220325; EP 4038687 A1 20220810; US 2022344960 A1 20221027;
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