

Title (en)

METHOD FOR DETECTING A FIRST OPERATING STATE OF A HANDHELD POWER TOOL

Title (de)

VERFAHREN ZUR ERKENNUNG EINES ERSTEN BETRIEBSZUSTANDES EINER HANDWERKZEUGMASCHINE

Title (fr)

PROCÉDÉ DE RECONNAISSANCE D'UN PREMIER ÉTAT DE FONCTIONNEMENT D'UNE MACHINE-OUTIL PORTATIVE

Publication

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Application

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Abstract (en)

[origin: WO2020193083A1] Method for detecting a first operating state of a handheld power tool (100), wherein the handheld power tool has an electric motor (180). In this case, the method comprises the steps of: • S1 determining a signal of an operating variable of the electric motor (180); • S2 comparing the signal of the operating variable with at least one model signal waveform typical of the state, wherein the model signal waveform typical of the state is assigned to the first operating state; • S3 deciding whether the first operating state is present, wherein the decision at least partially depends on whether the model signal waveform typical of the state is identified in the signal of the operating variable in step S2. Additionally disclosed is a handheld power tool (100), particularly an impact driver, with an electric motor (180) and a control unit, wherein the control unit is designed to execute a method according to the invention.

IPC 8 full level

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