

Title (en)
ELECTRONIC MODULE, INSERT TOOL SYSTEM COMPRISING SUCH AN ELECTRONIC MODULE, AND METHOD FOR OPERATING SUCH AN ELECTRONIC MODULE

Title (de)
ELEKTRONIKMODUL, EINSATZWERKZEUGSYSTEM MIT EINEM DERARTIGEN ELEKTRONIKMODUL UND VERFAHREN ZU EINEM BETRIEB EINES DERARTIGEN ELEKTRONIKMODULS

Title (fr)
MODULE ÉLECTRONIQUE, SYSTÈME D'OUTIL D'INSERTION ÉQUIPÉ D'UN TEL MODULE ÉLECTRONIQUE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN TEL MODULE ÉLECTRONIQUE

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Application
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Abstract (en)
[origin: WO2022136092A1] The invention relates to an electronic module (10a-e) for an insert tool (12a-e), in particular a drill or a chisel, said electronic module comprising: at least one electronic device (14a-e) for processing and/or detecting insert-tool-specific characteristic variables, the electronic device (14a-e) comprising at least one identification unit (46a-e) for identifying the insert tool (12a-e); and at least one holding device (16a-e) for detachably holding the electronic device (14a-e) on the insert tool (12a-e), in particular on an outer surface (44a-e) of the insert tool (12a-e). According to the invention, the electronic device (14a-e) has at least one detection unit (48a-e) which is designed to actively detect at least one insert-tool-specific characteristic variable, in particular at least for determining a wear condition of the insert tool (12a-e) and/or for determining whether such an insert tool has been dropped.

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