

Title (en)

METHOD FOR CONTROLLING THE IMPACT ENERGY OF AN IMPULSE PISTON OF A PERCUSSION TOOL

Title (de)

VERFAHREN ZUR STEUERUNG DER AUFPRALLENERGIE EINES IMPULSKOLBENS EINES SCHLAGWERKZEUGS

Title (fr)

PROCÉDÉ DE COMMANDE DE L'ÉNERGIE D'IMPACT D'UN PISTON DE FRAPPE D'UN APPAREIL À PERCUSSIONS

Publication

EP 3007866 B1 20170712 (FR)

Application

EP 14727769 A 20140522

Priority

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- EP 2014060572 W 20140522

Abstract (en)

[origin: WO2014198514A1] This control method involves the steps consisting in providing a control device (16) designed to regulate the impact energy of the impulse piston (4) of a percussion tool (2), providing a control unit (17) designed to apply a control setpoint to the control device (16), setting the percussion tool (2) in operation, measuring at least one seismic data item near a structure (13) that is to be protected, transmitting the at least one seismic data item measured to the control unit (17), comparing the at least one seismic data item received by the control unit (17) with a predetermined threshold value, correcting the control setpoint for the control device (16) as a function of the at least one seismic data item received, and using the control unit (17) to apply said corrected control setpoint to the control device (16).

IPC 8 full level

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CPC (source: EP US)

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