

Title (en)

VIBRATION DOSIMETER AND METHOD FOR DETERMINING THE DAILY VIBRATIONAL LOADING

Title (de)

VIBRATIONSDOSIMETER UND VERFAHREN ZUR ERMITTLUNG DER TÄGLICHEN VIBRATIONSBELASTUNG

Title (fr)

DOSIMETRE DE VIBRATIONS ET PROCEDE DE DETERMINATION DE LA CHARGE JOURNALIERE EN VIBRATIONS

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Application

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Abstract (en)

[origin: WO2007098980A1] The invention relates to a vibration dosimeter (2) and a method for determining the daily vibrational loading of persons who are exposed to mechanical oscillations at their place of work due to the operation of a work means and in particular of a manually operated electronic tool (4, 6). What is provided is that the dosimeter (2) comprises a determination device (12, 18) for determining the effective daily operating duration of the work means (4, 6), a computer device (22) for calculating a daily work time until a specified trigger value or exposition limit value of the vibrational loading is reached from a work-means-typical vibration value and the trigger value or exposition limit value, and a comparison device (24) for comparing the determined effective daily operating duration of the work means with the calculated daily work time until the specified trigger value is reached.

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