

Symbol	Typ	Titel
G	Sektion	PHYSICS
G01	Untersektion	INSTRUMENTS
G01	Klasse	MEASURING (counting G06M); TESTING
G01H	Unterklasse	MEASUREMENT OF MECHANICAL VIBRATIONS OR ULTRASONIC, SONIC OR INFRASONIC WAVES (generation of mechanical vibrations without measurement B06B , G10K; measuring position, direction or velocity of an object G01C , G01S; measuring quasi-steady pressure of a fluid G01L 7/00; determining unbalance G01M 1/14; determining properties of material by sonic or ultrasonic waves transmitted therethrough G01N; systems using the reflection or reradiation of acoustic waves, e.g. acoustic imaging, G01S 15/00; seismology, seismic prospecting, acoustic prospecting G01V 1/00; acousto-optical devices per se G02F; obtaining records by techniques analogous to photography using ultrasonic, sonic or infrasonic waves G03B 42/06; speech analysis or synthesis, speech recognition G10L; information storage based on relative movement between record carrier and transducer G11B; piezo-electric, electrostrictive or magnetostrictive elements in general H01L; manufacture of electromechanical resonators by processes which include measurement of frequency with consequential modification of the resonator H03H 3/00) [4]
G01H 1/00	Hauptgruppe	Measuring vibrations in solids by using direct conduction to the detector (G01H 9/00 , G01H 11/00 take precedence)
G01H 1/04	1-Punkt Untergruppe	. of vibrations which are transverse to direction of propagation
G01H 1/06	2-Punkt Untergruppe	. . Frequency
G01H 1/08	2-Punkt Untergruppe	. . Amplitude
G01H 1/10	1-Punkt Untergruppe	. of torsional vibrations
G01H 1/12	1-Punkt Untergruppe	. of longitudinal or not specified vibrations [4]
G01H 1/14	2-Punkt Untergruppe	. . Frequency [4]
G01H 1/16	2-Punkt Untergruppe	. . Amplitude [4]
G01H 3/00	Hauptgruppe	Measuring vibrations by using a detector in a fluid (G01H 7/00 , G01H 9/00 , G01H 11/00 take precedence)
G01H 3/04	1-Punkt Untergruppe	. Frequency
G01H 3/06	2-Punkt Untergruppe	. . by electric means
G01H 3/08	2-Punkt Untergruppe	. . Analysing frequencies present in complex vibrations, e.g. comparing harmonics present
G01H 3/10	1-Punkt Untergruppe	. Amplitude; Power
G01H 3/12	2-Punkt Untergruppe	. . by electric means (G01H 3/14 takes precedence) [2]
G01H 3/14	2-Punkt Untergruppe	. . Measuring mean amplitude; Measuring mean power; Measuring time integral of power [2]
G01H 5/00	Hauptgruppe	Measuring propagation velocity of ultrasonic, sonic or infrasonic waves
G01H 7/00	Hauptgruppe	Measuring reverberation time (measuring absorption of vibrations in a material G01N; arrangements for producing a reverberation G10K 15/08)
G01H 9/00	Hauptgruppe	Measuring mechanical vibrations or ultrasonic, sonic or infrasonic waves by using radiation-sensitive means, e.g. optical means
G01H 11/00	Hauptgruppe	Measuring mechanical vibrations or ultrasonic, sonic or infrasonic waves by detecting changes in electric or magnetic properties
G01H 11/02	1-Punkt Untergruppe	. by magnetic means, e.g. reluctance [4]

Symbol	Typ	Titel
G01H 11/04	2-Punkt Untergruppe	. . using magnetostrictive devices [4]
G01H 11/06	1-Punkt Untergruppe	. by electric means [4]
G01H 11/08	2-Punkt Untergruppe	. . using piezo-electric devices [4]
G01H 13/00	Hauptgruppe	Measuring resonant frequency
G01H 15/00	Hauptgruppe	Measuring mechanical or acoustic impedance [3]
G01H 17/00	Hauptgruppe	Measuring mechanical vibrations or ultrasonic, sonic or infrasonic waves, not provided for in the preceding groups [4]