Symbol	Typ	Titel
G	**Sektion**	**SECTION G — PHYSICS**
G12	**Klasse**	**INSTRUMENT DETAILS**
G12B	**Unterklasse**	**DETAILS OF INSTRUMENTS, OR COMPARABLE DETAILS OF OTHER APPARATUS, NOT OTHERWISE PROVIDED FOR**
G12B 1/00	**Hauptgruppe**	**Sensitive elements capable of producing movement or displacement for purposes not limited to measurement; Associated transmission mechanisms therefor**
G12B 1/02	1-Punkt Untergruppe	. Compound strips or plates, e.g. bimetallic (thermometers using bimetallic elements G01K 5/62)
G12B 1/04	1-Punkt Untergruppe	. Hollow bodies having parts which are deformable or displaceable under pressure, e.g. Bourdon tube, bellows (bellows in general F16J 3/00)
G12B 3/00	**Hauptgruppe**	**Details of movements not otherwise provided for (details of apparatus using scanning-probe techniques G12B 21/00; damping of shock or vibrations in general F16F; avoiding out-of-balance forces F16F 15/00; testing balance G01M) [1, 7]**
G12B 3/02	1-Punkt Untergruppe	. Caging of movements, i.e. locking of movements when not in use
G12B 3/04	1-Punkt Untergruppe	. Suspensions (bearings F16C)
G12B 3/06	1-Punkt Untergruppe	. Reducing effects of friction, e.g. by vibration (by lubrication F16N)
G12B 3/08	1-Punkt Untergruppe	. Damping of movements, e.g. to promote rapid non-oscillatory movement to a final reading
G12B 3/10	2-Punkt Untergruppe	. . using eddy currents
G12B 5/00	**Hauptgruppe**	**Adjusting position or attitude, e.g. level, of instruments or other apparatus, or of parts thereof (levels per seG01C 9/00); Compensating for the effects of tilting or acceleration, e.g. for optical apparatus**
G12B 7/00	**Hauptgruppe**	**Compensating for the effects of temperature (by cooling G12B 15/00)**
G12B 9/00	**Hauptgruppe**	**Housing or supporting of instruments or other apparatus**
G12B 9/02	1-Punkt Untergruppe	. Casings; Housings; Cabinets (sealing arrangements for transmission members F16J, particularly F16J 15/50)
G12B 9/04	2-Punkt Untergruppe	. . Details, e.g. cover
G12B 9/06	3-Punkt Untergruppe	. . . Metal casings
G12B 9/08	1-Punkt Untergruppe	. Supports; Devices for carrying
G12B 9/10	2-Punkt Untergruppe	. . Instrument boards; Panels; Desks; Racks; Frameworks
G12B 11/00	**Hauptgruppe**	**Indicating elements; Illumination thereof**
G12B 11/02	1-Punkt Untergruppe	. Scales; Dials
G12B 11/04	1-Punkt Untergruppe	. Pointers; Setting-mechanisms therefor
G12B 13/00	**Hauptgruppe**	**Calibrating of instruments or apparatus (calibrating of measuring instruments G01)**
G12B 15/00	**Hauptgruppe**	**Cooling (by refrigeration, e.g. circulation of refrigerated fluid, F25D; heat-exchange or heat-transfer details of general application F28F)**
G12B 15/02	1-Punkt Untergruppe	. by closed-cycle fluid-circulating systems
G12B 15/04	1-Punkt Untergruppe	. by currents of fluid, e.g. air, in open cycle
G12B 15/06	1-Punkt Untergruppe	. by contact with heat-absorbing or radiating masses, e.g. heat-sink
G12B 17/00	**Hauptgruppe**	**Screening (insulation or other protection of buildings E04B; emergency protection of apparatus in general F16P 7/00; in connection with acoustic waves G10K 11/00; in connection with nuclear radiation G21F)**

Symbol	Typ	Titel
G12B 17/02	1-Punkt Untergruppe	. from electric or magnetic fields, e.g. radio waves
G12B 17/04	1-Punkt Untergruppe	. from ultra-violet, visible, or infra-red light (screening of lighting devices F21V; optical filters G02B 5/20)
G12B 17/06	1-Punkt Untergruppe	. from heat (G12B 17/04 takes precedence; cooling G12B 15/00)
G12B 17/08	1-Punkt Untergruppe	. from influences producing mechanical damage, e.g. caused by blast, by external object, by person (G12B 17/02-G12B 17/06 take precedence)
G12B 21/00	**Hauptgruppe**	**Details of apparatus using scanning-probe techniques [7]**
G12B 21/02	1-Punkt Untergruppe	. Probes [7]
G12B 21/04	2-Punkt Untergruppe	. . Tunnel effect probes [7]
G12B 21/06	2-Punkt Untergruppe	. . Near-field optical probes [7]
G12B 21/08	2-Punkt Untergruppe	. . Atomic force probes [7]
G12B 21/10	2-Punkt Untergruppe	. . Magnetic force probes [7]
G12B 21/12	2-Punkt Untergruppe	. . Electrostatic force probes [7]
G12B 21/20	1-Punkt Untergruppe	. Scanning or positioning arrangements [7]
G12B 21/22	2-Punkt Untergruppe	. . Structural details [7]
G12B 21/24	2-Punkt Untergruppe	. . Compensation for temperature or vibration induced errors [7]