Symbol	Typ	Titel
G	**Sektion**	**SECTION G — PHYSICS**
G01	**Untersektion**	**INSTRUMENTS**
G01	**Klasse**	**MEASURING (counting G06M); TESTING**
G01G	**Unterklasse**	**WEIGHING (sorting by weighing B07C 5/16)**
G01G 1/00	**Hauptgruppe**	**Weighing apparatus involving the use of a counterweight or other counterbalancing mass**
G01G 1/02	1-Punkt Untergruppe	. Pendulum-weight apparatus
G01G 1/04	2-Punkt Untergruppe	. . the pendulum having a fixed pivot axis
G01G 1/06	3-Punkt Untergruppe	. . . with a plurality of pendulums
G01G 1/08	2-Punkt Untergruppe	. . the pendulum having a moving pivot axis, e.g. a floating pendulum
G01G 1/10	3-Punkt Untergruppe	. . . with a plurality of pendulums
G01G 1/12	2-Punkt Untergruppe	. . Constructional arrangements for obtaining equal indicative divisions
G01G 1/14	2-Punkt Untergruppe	. . Temperature-compensating arrangements
G01G 1/16	2-Punkt Untergruppe	. . Means for correcting for obliquity of mounting
G01G 1/18	1-Punkt Untergruppe	. Balances involving the use of a pivoted beam, i.e. beam balances
G01G 1/20	2-Punkt Untergruppe	. . Beam balances having the pans carried below the beam, and for use with separate counterweights
G01G 1/22	3-Punkt Untergruppe	. . . for precision weighing
G01G 1/24	2-Punkt Untergruppe	. . Platform-type scales, i.e. having the pans carried above the beam
G01G 1/26	2-Punkt Untergruppe	. . with associated counterweight or set of counterweights
G01G 1/28	3-Punkt Untergruppe	. . . involving means for automatically lifting counterweights corresponding to the load
G01G 1/29	4-Punkt Untergruppe	. . . . with electrical or electromechanical control means [3]
G01G 1/30	3-Punkt Untergruppe	. . . wherein the counterweight is in the form of a chain
G01G 1/32	3-Punkt Untergruppe	. . . wherein the counterweights are in the form of rider-weights
G01G 1/34	3-Punkt Untergruppe	. . . involving a fixed counterweight, with poise-weights selectively added to the load side
G01G 1/36	3-Punkt Untergruppe	. . . wherein the counterweights are slidable along the beam, e.g. steelyards
G01G 1/38	4-Punkt Untergruppe	. . . . with automatically-driven counterweight
G01G 1/40	2-Punkt Untergruppe	. . specially adapted for weighing by substitution
G01G 1/42	2-Punkt Untergruppe	. . Temperature-compensating arrangements
G01G 3/00	**Hauptgruppe**	**Weighing apparatus characterised by the use of elastically-deformable members, e.g. spring balances**
G01G 3/02	1-Punkt Untergruppe	. wherein the weighing element is in the form of a helical spring
G01G 3/04	2-Punkt Untergruppe	. . using a plurality of springs
G01G 3/06	1-Punkt Untergruppe	. wherein the weighing element is in the form of a spiral spring
G01G 3/08	1-Punkt Untergruppe	. wherein the weighing element is in the form of a leaf spring

Symbol	Typ	Titel
G01G 3/10	1-Punkt Untergruppe	. wherein the torsional deformation of a weighing element is measured
G01G 3/12	1-Punkt Untergruppe	. wherein the weighing element is in the form of a solid body stressed by pressure or tension during weighing
G01G 3/13	2-Punkt Untergruppe	. . having piezo-electric or piezo-resistive properties [3]
G01G 3/14	2-Punkt Untergruppe	. . measuring variations of electrical resistance (G01G 3/13 takes precedence) [3]
G01G 3/142	3-Punkt Untergruppe	. . . Circuits specially adapted therefor [3]
G01G 3/145	4-Punkt Untergruppe	. . . . involving comparison with a reference value (G01G 3/147 takes precedence) [3]
G01G 3/147	4-Punkt Untergruppe	. . . . involving digital counting [3]
G01G 3/15	2-Punkt Untergruppe	. . measuring variations of magnetic properties
G01G 3/16	2-Punkt Untergruppe	. . measuring variations of frequency of oscillations of the body
G01G 3/18	1-Punkt Untergruppe	. Temperature-compensating arrangements
G01G 5/00	**Hauptgruppe**	**Weighing apparatus wherein the balancing is effected by fluid action**
G01G 5/02	1-Punkt Untergruppe	. with a float or other member variably immersed in liquid
G01G 5/04	1-Punkt Untergruppe	. with means for measuring the pressure imposed by the load on a liquid (pressure gauges per seG01L)
G01G 5/06	2-Punkt Untergruppe	. . using electrical indicating means [3]
G01G 7/00	**Hauptgruppe**	**Weighing apparatus wherein the balancing is effected by magnetic, electromagnetic, or electrostatic action, or by means not provided for in groups G01G 1/00-G01G 5/00**
G01G 7/02	1-Punkt Untergruppe	. by electromagnetic action
G01G 7/04	2-Punkt Untergruppe	. . with means for regulating the current to solenoids
G01G 7/06	1-Punkt Untergruppe	. by electrostatic action
G01G 9/00	**Hauptgruppe**	**Methods of, or apparatus for, the determination of weight, not provided for in groups G01G 1/00-G01G 7/00**
G01G 11/00	**Hauptgruppe**	**Apparatus for weighing a continuous stream of material during flow; Conveyer-belt weighers**
G01G 11/02	1-Punkt Untergruppe	. having mechanical weight-sensitive devices
G01G 11/04	1-Punkt Untergruppe	. having electrical weight-sensitive devices
G01G 11/06	1-Punkt Untergruppe	. having fluid weight-sensitive devices
G01G 11/08	1-Punkt Untergruppe	. having means for controlling the rate of feed or discharge (regulation of flow of fluent material G05D)
G01G 11/10	2-Punkt Untergruppe	. . by controlling the height of the material on the belt
G01G 11/12	2-Punkt Untergruppe	. . by controlling the speed of the belt
G01G 11/14	1-Punkt Untergruppe	. using totalising or integrating devices (totalising or integrating devices per seG06)
G01G 11/16	2-Punkt Untergruppe	. . being electric or electronic devices [3]
G01G 11/18	3-Punkt Untergruppe	. . . using digital counting [3]
G01G 11/20	2-Punkt Untergruppe	. . being mechanical devices [3]
G01G 13/00	**Hauptgruppe**	**Weighing apparatus with automatic feed or discharge for weighing-out batches of material (for weighing a continuous stream G01G 11/00; check-weighing G01G 15/00; for fluids G01G 17/04; apportioning by weight materials to be mixed G01G 19/22; combinatorial weighing G01G 19/387)**

Symbol	Typ	Titel
		[5]
G01G 13/02	1-Punkt Untergruppe	. Means for automatically loading weigh-pans or other receptacles, e.g. disposable containers, under control of the weighing mechanism
G01G 13/04	2-Punkt Untergruppe	. . involving dribble-feed means controlled by the weighing mechanism to top up the receptacle to the target weight
G01G 13/06	3-Punkt Untergruppe	. . . wherein the main feed is effected by gravity from a hopper or chute
G01G 13/08	3-Punkt Untergruppe	. . . wherein the main feed is effected by mechanical conveying means, e.g. by belt conveyers, by vibratory conveyers
G01G 13/10	3-Punkt Untergruppe	. . . wherein the main feed is effected by pneumatic conveying means, e.g. by fluidised feed of granular material
G01G 13/12	2-Punkt Untergruppe	. . Arrangements for compensating for material suspended at cut-off, i.e. for material which is still falling from the feeder when the weigher stops the feeder
G01G 13/14	2-Punkt Untergruppe	. . Arrangements for determination of, or compensation for, the tare weight of an unloaded container, e.g. of a disposable container
G01G 13/16	1-Punkt Untergruppe	. Means for automatically discharging weigh receptacles under control of the weighing mechanism
G01G 13/18	2-Punkt Untergruppe	. . by valves or flaps in the container bottom
G01G 13/20	2-Punkt Untergruppe	. . by screw conveyers in the weigh receptacle
G01G 13/22	2-Punkt Untergruppe	. . by tilting or rotating the receptacle
G01G 13/24	1-Punkt Untergruppe	. Weighing mechanism control arrangements for automatic feed or discharge
G01G 13/26	2-Punkt Untergruppe	. . involving fluid-pressure systems
G01G 13/28	2-Punkt Untergruppe	. . involving variation of an electrical variable which is used to control loading or discharge of the receptacle
G01G 13/285	3-Punkt Untergruppe	. . . involving comparison with a reference value (G01G 13/29 takes precedence) [3]
G01G 13/29	3-Punkt Untergruppe	. . . involving digital counting [3]
G01G 13/295	3-Punkt Untergruppe	. . . for controlling automatic loading of the receptacle [3]
G01G 13/30	2-Punkt Untergruppe	. . involving limit switches or position-sensing switches
G01G 13/32	3-Punkt Untergruppe	. . . involving photoelectric devices
G01G 13/34	2-Punkt Untergruppe	. . involving mechanical linkage motivated by the weighing mechanism
G01G 15/00	**Hauptgruppe**	**Arrangements for check-weighing of materials dispensed into removable containers (packaging aspects B65B)**
G01G 15/02	1-Punkt Untergruppe	. with provision for adding or removing a make-up quantity of material to obtain the desired net weight (dribble-feed means for automatic batch-weighers G01G 13/04)
G01G 15/04	1-Punkt Untergruppe	. with provision for adding or removing a make-up quantity of material to obtain the desired gross weight (dribble-feed means for automatic batch-weighers G01G 13/04)
G01G 17/00	**Hauptgruppe**	**Apparatus for, or methods of, weighing material of special form or property (determining weight by measuring volume G01F)**
G01G 17/02	1-Punkt Untergruppe	. for weighing material of filamentary or sheet form
G01G 17/04	1-Punkt Untergruppe	. for weighing fluids, e.g. gases, pastes
G01G 17/06	2-Punkt Untergruppe	. . having means for controlling the supply or discharge

Symbol	Typ	Titel
G01G 17/08	1-Punkt Untergruppe	. for weighing livestock
G01G 19/00	**Hauptgruppe**	**Weighing apparatus or methods adapted for special purposes not provided for in groups G01G 11/00-G01G 17/00**
G01G 19/02	1-Punkt Untergruppe	. for weighing wheeled or rolling bodies, e.g. vehicles
G01G 19/03	2-Punkt Untergruppe	. . for weighing during motion (G01G 19/04, G01G 19/07 take precedence) [3]
G01G 19/04	2-Punkt Untergruppe	. . for weighing railway vehicles
G01G 19/06	3-Punkt Untergruppe	. . . on overhead rails
G01G 19/07	2-Punkt Untergruppe	. . for weighing aircraft
G01G 19/08	1-Punkt Untergruppe	. for incorporation in vehicles (arrangements on vehicles B60P 5/00)
G01G 19/10	2-Punkt Untergruppe	. . having fluid weight-sensitive devices
G01G 19/12	2-Punkt Untergruppe	. . having electrical weight-sensitive devices
G01G 19/14	1-Punkt Untergruppe	. for weighing suspended loads (G01G 3/00 takes precedence; incorporation of weighing devices in cranes B66C 1/40, B66C 13/16)
G01G 19/16	2-Punkt Untergruppe	. . having fluid weight-sensitive devices
G01G 19/18	2-Punkt Untergruppe	. . having electrical weight-sensitive devices
G01G 19/20	2-Punkt Untergruppe	. . for weighing unbalanced loads
G01G 19/22	1-Punkt Untergruppe	. for apportioning materials by weighing prior to mixing them (ratio regulation G05D 11/00)
G01G 19/24	2-Punkt Untergruppe	. . using a single weighing apparatus
G01G 19/26	3-Punkt Untergruppe	. . . associated with two or more counterweighted beams
G01G 19/28	3-Punkt Untergruppe	. . . having fluid weight-sensitive devices
G01G 19/30	3-Punkt Untergruppe	. . . having electrical weight-sensitive devices
G01G 19/32	2-Punkt Untergruppe	. . using two or more weighing apparatus
G01G 19/34	2-Punkt Untergruppe	. . with electrical control means
G01G 19/36	2-Punkt Untergruppe	. . with mechanical control means
G01G 19/38	2-Punkt Untergruppe	. . programme controlled, e.g. by perforated tape
G01G 19/387	1-Punkt Untergruppe	. for combinatorial weighing, i.e. selecting a combination of articles whose total weight or number is closest to a desired value [5]
G01G 19/393	2-Punkt Untergruppe	. . using two or more weighing units [5]
G01G 19/40	1-Punkt Untergruppe	. with provisions for indicating, recording, or computing price or other quantities dependent on the weight (indicating means for weighing apparatus G01G 23/18; recording means for weighing apparatus G01G 23/18; computers in general G06)
G01G 19/41	2-Punkt Untergruppe	. . using mechanical computing means
G01G 19/413	2-Punkt Untergruppe	. . using electromechanical or electronic computing means
G01G 19/414	3-Punkt Untergruppe	. . . using electronic computing means only [5]
G01G 19/415	4-Punkt Untergruppe	. . . . combined with recording means [5]

Symbol	Typ	Titel
G01G 19/417	2-Punkt Untergruppe	. . with provision for checking computing part of balance
G01G 19/42	2-Punkt Untergruppe	. . for counting by weighing (G01G 19/387 takes precedence) [5]
G01G 19/44	1-Punkt Untergruppe	. for weighing persons
G01G 19/46	2-Punkt Untergruppe	. . Spring balances specially adapted for this purpose
G01G 19/48	2-Punkt Untergruppe	. . Pendulum balances specially adapted for this purpose
G01G 19/50	2-Punkt Untergruppe	. . having additional measuring devices, e.g. for height
G01G 19/52	1-Punkt Untergruppe	. Weighing apparatus combined with other objects, e.g. with furniture (with walking-sticks A45B 3/08)
G01G 19/54	2-Punkt Untergruppe	. . combined with writing implements or paper-knives
G01G 19/56	2-Punkt Untergruppe	. . combined with handles of tools or of household implements
G01G 19/58	2-Punkt Untergruppe	. . combined with handles of suit-cases or trunks
G01G 19/60	2-Punkt Untergruppe	. . combined with fishing equipment, e.g. with fishing rods
G01G 19/62	1-Punkt Untergruppe	. Over or under weighing apparatus [3]
G01G 19/64	1-Punkt Untergruppe	. Percentage-indicating weighing apparatus, i.e. for expressing the weight as a percentage of a predetermined or initial weight [3]
G01G 21/00	**Hauptgruppe**	**Details of weighing apparatus**
G01G 21/02	1-Punkt Untergruppe	. Arrangements of bearings (bearings per seF16C)
G01G 21/04	2-Punkt Untergruppe	. . of knife-edge bearings
G01G 21/06	2-Punkt Untergruppe	. . of ball or roller bearings
G01G 21/07	2-Punkt Untergruppe	. . of flexure-plate bearings [3]
G01G 21/08	2-Punkt Untergruppe	. . Bearing mountings or adjusting means therefor
G01G 21/10	2-Punkt Untergruppe	. . Floating suspensions; Arrangements of shock-absorbers (shock-absorbers per seF16F)
G01G 21/12	2-Punkt Untergruppe	. . Devices for preventing derangement
G01G 21/14	1-Punkt Untergruppe	. Beams
G01G 21/16	2-Punkt Untergruppe	. . of composite construction; Connections between different beams
G01G 21/18	1-Punkt Untergruppe	. Link connections between the beam and the weigh pan
G01G 21/20	2-Punkt Untergruppe	. . for precision weighing apparatus
G01G 21/22	1-Punkt Untergruppe	. Weigh-pans or other weighing receptacles; Weighing platforms
G01G 21/23	1-Punkt Untergruppe	. Support or suspension of weighing platforms (G01G 21/24 takes precedence) [3]
G01G 21/24	1-Punkt Untergruppe	. Guides or linkages for ensuring parallel motion of the weigh-pans
G01G 21/26	1-Punkt Untergruppe	. Counterweights; Poise-weights; Sets of weights; Holders for the reception of weights
G01G 21/28	1-Punkt Untergruppe	. Frames; Housings
G01G 21/30	1-Punkt Untergruppe	. Means for preventing contamination by dust

Symbol	Typ	Titel
G01G 23/00	**Hauptgruppe**	**Auxiliary devices for weighing apparatus**
G01G 23/01	1-Punkt Untergruppe	. Testing or calibrating of weighing apparatus [3]
G01G 23/02	1-Punkt Untergruppe	. Relieving mechanisms; Arrestment mechanisms
G01G 23/04	2-Punkt Untergruppe	. . for precision weighing apparatus
G01G 23/06	1-Punkt Untergruppe	. Means for damping oscillations, e.g. of weigh-beams
G01G 23/08	2-Punkt Untergruppe	. . by fluid means
G01G 23/10	2-Punkt Untergruppe	. . by electric or magnetic means
G01G 23/12	2-Punkt Untergruppe	. . specially adapted for preventing oscillations due to movement of the load
G01G 23/14	1-Punkt Untergruppe	. Devices for determining tare weight or for cancelling out the tare by zeroising, e.g. mechanically operated (in connection with automatic loading G01G 13/14)
G01G 23/16	2-Punkt Untergruppe	. . electrically or magnetically operated
G01G 23/18	1-Punkt Untergruppe	. Indicating devices, e.g. for remote indication; Recording devices; Scales, e.g. graduated
G01G 23/20	2-Punkt Untergruppe	. . Indicating the weight by mechanical means
G01G 23/22	3-Punkt Untergruppe	. . . combined with price indicators
G01G 23/24	3-Punkt Untergruppe	. . . involving logarithmic scales
G01G 23/26	3-Punkt Untergruppe	. . . Drive for the indicating member, e.g. mechanical amplifiers
G01G 23/28	3-Punkt Untergruppe	. . . involving auxiliary or memory marks
G01G 23/30	3-Punkt Untergruppe	. . . with means for illuminating the scale
G01G 23/32	2-Punkt Untergruppe	. . Indicating the weight by optical projection means
G01G 23/34	3-Punkt Untergruppe	. . . combined with price indicators
G01G 23/35	2-Punkt Untergruppe	. . Indicating the weight by photographic recording
G01G 23/36	2-Punkt Untergruppe	. . Indicating the weight by electrical means, e.g. using photoelectric cells
G01G 23/365	3-Punkt Untergruppe	. . . involving comparison with a reference value (G01G 23/37 takes precedence) [3]
G01G 23/37	3-Punkt Untergruppe	. . . involving digital counting
G01G 23/375	4-Punkt Untergruppe	. . . . during the movement of a coded element [3]
G01G 23/38	2-Punkt Untergruppe	. . Recording or coding devices specially adapted for weighing apparatus (computers per seG06; disc converters in general G08C)
G01G 23/40	3-Punkt Untergruppe	. . . mechanically operated
G01G 23/42	3-Punkt Untergruppe	. . . electrically operated
G01G 23/44	4-Punkt Untergruppe	. . . . Coding devices therefor [3]
G01G 23/46	3-Punkt Untergruppe	. . . Devices preventing recording until the weighing mechanism has come to rest [3]
G01G 23/48	1-Punkt Untergruppe	. Temperature-compensating arrangements (G01G 1/14, G01G 1/42, G01G 3/18 take precedence) [3]