

Symbol	Typ	Titel
<b>G</b>	<b>Sektion</b>	<b>SECTION G — PHYSICS</b>
<b>G08</b>	<b>Klasse</b>	<b>SIGNALLING (indicating or display devices <u>per se</u>G09F; transmission of pictures H04N)</b>
<b>G08B</b>	<b>Unterklasse</b>	<b>SIGNALLING OR CALLING SYSTEMS; ORDER TELEGRAPHS; ALARM SYSTEMS (signalling arrangements on vehicles B60Q, B62D 41/00; railway signalling systems or devices B61L; on cycles B62J 3/00, B62J 6/00; safes or strong-rooms with alarm devices E05G; signalling or alarm devices in mines E21F 17/18; sensitive measuring elements, <u>see</u> the appropriate subclasses of G01; traffic control systems G08G; visual indicating means G09; sound-producing devices G10; radio or near-field calling systems H04B 5/00, H04B 7/00; selecting arrangements H04Q 7/00, H04Q 9/00; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R)</b>
<b>G08B 1/00</b>	<b>Hauptgruppe</b>	<b>Systems for signalling characterised solely by the form of transmission of the signal</b>
G08B 1/02	1-Punkt Untergruppe	. using only mechanical transmission
G08B 1/04	1-Punkt Untergruppe	. using hydraulic transmission; using pneumatic transmission
G08B 1/06	2-Punkt Untergruppe	. . hydraulic only
G08B 1/08	1-Punkt Untergruppe	. using electric transmission
<b>G08B 3/00</b>	<b>Hauptgruppe</b>	<b>Audible signalling systems; Audible personal calling systems (audible indication of time signals G04B 21/00, G04C 21/00)</b>
G08B 3/02	1-Punkt Untergruppe	. using only mechanical transmission
G08B 3/06	1-Punkt Untergruppe	. using hydraulic transmission; using pneumatic transmission
G08B 3/10	1-Punkt Untergruppe	. using electric transmission; using electromagnetic transmission
G08B 3/14	1-Punkt Untergruppe	. using explosives
<b>G08B 5/00</b>	<b>Hauptgruppe</b>	<b>Visible signalling systems, e.g. personal calling systems, remote indication of seats occupied (display of time signals G04B 19/00, G04C 17/00, G04C 19/00, G04G 9/00; for display of alphanumeric information G09F; flags, banners G09F)</b>
G08B 5/02	1-Punkt Untergruppe	. using only mechanical transmission
G08B 5/06	1-Punkt Untergruppe	. using hydraulic transmission; using pneumatic transmission
G08B 5/14	2-Punkt Untergruppe	. . with indicator element moving about a pivot, e.g. hinged flap, rotating vane
G08B 5/16	3-Punkt Untergruppe	. . . with reset means necessitating a separate operation to return the indicator element
G08B 5/18	2-Punkt Untergruppe	. . with indicator element moving rectilinearly
G08B 5/20	3-Punkt Untergruppe	. . . with reset means necessitating a separate operation to return the indicator element
G08B 5/22	1-Punkt Untergruppe	. using electric transmission; using electromagnetic transmission
G08B 5/24	2-Punkt Untergruppe	. . with indicator element moving about a pivot, e.g. hinged flap, rotating vane
G08B 5/26	3-Punkt Untergruppe	. . . with reset means necessitating a separate operation to return the indicator element
G08B 5/28	3-Punkt Untergruppe	. . . with hinged flap or arm
G08B 5/30	3-Punkt Untergruppe	. . . with rotating or oscillating members, e.g. vanes
G08B 5/32	2-Punkt Untergruppe	. . with indicator element moving rectilinearly

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G08B 5/34	3-Punkt Untergruppe	. . . with reset means necessitating a separate operation to return the indicator element
G08B 5/36	2-Punkt Untergruppe	. . using visible light sources
G08B 5/38	3-Punkt Untergruppe	. . . using flashing light
G08B 5/40	1-Punkt Untergruppe	. using smoke, fire, or coloured gases (sky-writing G09F 21/16)
<b>G08B 6/00</b>	<b>Hauptgruppe</b>	<b>Tactile signalling systems, e.g. personal calling systems (indication of time by feeling G04B 25/02; deaf-aid sets H04R 25/00) [6]</b>
<b>G08B 7/00</b>	<b>Hauptgruppe</b>	<b>Signalling systems according to more than one of groups G08B 3/00-G08B 6/00 (combinations of display arrangements with audible advertising G09F 27/00); Personal calling systems according to more than one of groups G08B 3/00-G08B 6/00</b>
G08B 7/02	1-Punkt Untergruppe	. using mechanical transmission
G08B 7/04	1-Punkt Untergruppe	. using hydraulic transmission; using pneumatic transmission
G08B 7/06	1-Punkt Untergruppe	. using electric transmission
G08B 7/08	1-Punkt Untergruppe	. using explosives
<b>G08B 9/00</b>	<b>Hauptgruppe</b>	<b>Order telegraph apparatus, i.e. means for transmitting one of a finite number of different orders at the discretion of the user, e.g. bridge to engine room orders in ships (signalling devices in mines E21F 17/18)</b>
G08B 9/02	1-Punkt Untergruppe	. Details
G08B 9/04	2-Punkt Untergruppe	. . Means for recording operation of the apparatus
G08B 9/06	2-Punkt Untergruppe	. . Means for indicating disagreement between orders given and those carried out
G08B 9/08	1-Punkt Untergruppe	. mechanical
G08B 9/10	2-Punkt Untergruppe	. . using ratchet
G08B 9/12	2-Punkt Untergruppe	. . using rotary shaft
G08B 9/14	1-Punkt Untergruppe	. hydraulic; pneumatic
G08B 9/16	2-Punkt Untergruppe	. . using ratchet
G08B 9/18	2-Punkt Untergruppe	. . by varying displacement of the fluid
G08B 9/20	2-Punkt Untergruppe	. . by varying pressure of the fluid
<b>G08B 13/00</b>	<b>Hauptgruppe</b>	<b>Burglar, theft, or intruder alarms (vehicle theft alarms B60R 25/10; cycle theft alarms B62H 5/00)</b>
G08B 13/02	1-Punkt Untergruppe	. Mechanical actuation
G08B 13/04	2-Punkt Untergruppe	. . by breaking of glass
G08B 13/06	2-Punkt Untergruppe	. . by tampering with fastening (alarm locks E05B 45/00; alarm devices on safes E05G 1/10)
G08B 13/08	2-Punkt Untergruppe	. . by opening, e.g. of door, of window, of drawer, of shutter, of curtain, of blind
G08B 13/10	2-Punkt Untergruppe	. . by pressure on floors, floor coverings, stair treads, counters, or tills
G08B 13/12	2-Punkt Untergruppe	. . by the breaking or disturbance of stretched cords or wires
G08B 13/14	2-Punkt Untergruppe	. . by lifting or attempted removal of hand-portable articles
G08B 13/16	1-Punkt Untergruppe	. Actuation by interference with mechanical vibrations in air or other fluid

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G08B 13/18	1-Punkt Untergruppe	. Actuation by interference with heat, light, or radiation of shorter wavelength; Actuation by intruding sources of heat, light, or radiation of shorter wavelength
G08B 13/181	2-Punkt Untergruppe	. . using active radiation detection systems [5]
G08B 13/183	3-Punkt Untergruppe	. . . by interruption of a radiation beam or barrier (light barriers G01V 8/10) [5]
G08B 13/184	4-Punkt Untergruppe	. . . . using radiation reflectors [5]
G08B 13/186	4-Punkt Untergruppe	. . . . using light guides, e.g. optical fibres [5]
G08B 13/187	3-Punkt Untergruppe	. . . by interference of a radiation field [5]
G08B 13/189	2-Punkt Untergruppe	. . using passive radiation detection systems [5]
G08B 13/19	3-Punkt Untergruppe	. . . using infra-red-radiation detection systems [5]
G08B 13/191	4-Punkt Untergruppe	. . . . using pyroelectric sensor means [5]
G08B 13/193	4-Punkt Untergruppe	. . . . using focusing means [5]
G08B 13/194	3-Punkt Untergruppe	. . . using image scanning and comparing systems [5]
G08B 13/196	4-Punkt Untergruppe	. . . . using television cameras [5]
G08B 13/20	1-Punkt Untergruppe	. Actuation by change of fluid pressure
G08B 13/22	1-Punkt Untergruppe	. Electrical actuation
G08B 13/24	2-Punkt Untergruppe	. . by interference with electromagnetic field distribution
G08B 13/26	2-Punkt Untergruppe	. . by proximity of an intruder causing variation in capacitance or inductance of a circuit
<b>G08B 15/00</b>	<b>Hauptgruppe</b>	<b>Identifying, scaring, or incapacitating burglars, thieves, or intruders, e.g. by explosives (burglar traps, or the like, on safes E05G 5/02)</b>
G08B 15/02	1-Punkt Untergruppe	. with smoke, gas, or coloured or odorous powder or liquid
<b>G08B 17/00</b>	<b>Hauptgruppe</b>	<b>Fire alarms; Alarms responsive to explosion (temperature-responsive elements G01K)</b>
G08B 17/02	1-Punkt Untergruppe	. Mechanical actuation of the alarm, e.g. by the breaking of a wire
G08B 17/04	1-Punkt Untergruppe	. Hydraulic or pneumatic actuation of the alarm, e.g. by change of fluid pressure
G08B 17/06	1-Punkt Untergruppe	. Electric actuation of the alarm, e.g. using a thermally-operated switch (thermally-operated electric switches <u>per se</u> H01H 37/00)
G08B 17/08	1-Punkt Untergruppe	. Actuation involving the use of explosive means
G08B 17/10	1-Punkt Untergruppe	. Actuation by presence of smoke or gases
G08B 17/103	2-Punkt Untergruppe	. . using a light emitting and receiving device [5]
G08B 17/107	3-Punkt Untergruppe	. . . for detecting light-scattering due to smoke [5]
G08B 17/11	2-Punkt Untergruppe	. . using an ionisation chamber for detecting smoke or gas (vacuum gauges making use of ionisation effects G01L 21/30; gas analysis by investigating the ionisation G01N 27/62) [5]
G08B 17/113	3-Punkt Untergruppe	. . . Constructional details (discharge tubes for measuring pressure of introduced gas, or for detecting presence of gas, in general H01J 41/02) [5]
G08B 17/117	2-Punkt Untergruppe	. . by using a detection device for specific gases, e.g. combustion products, produced by the fire (G08B 17/103, G08B 17/11 take precedence; investigating or analysing gases in general G01N, e.g. by using electric means G01N 27/00) [5]

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G08B 17/12	1-Punkt Untergruppe	. Actuation by presence of radiation or particles, e.g. of infra-red radiation, of ions
<b>G08B 19/00</b>	<b>Hauptgruppe</b>	<b>Alarms responsive to two or more different undesired or abnormal conditions, e.g. burglary and fire, abnormal temperature and abnormal rate of flow</b>
G08B 19/02	1-Punkt Untergruppe	. Alarm responsive to formation or anticipated formation of ice (indicating weather conditions G01W 1/00)
<b>G08B 21/00</b>	<b>Hauptgruppe</b>	<b>Alarms responsive to a single specified undesired or abnormal condition and not otherwise provided for</b>
G08B 21/02	1-Punkt Untergruppe	. Alarms for ensuring the safety of persons [7]
G08B 21/04	2-Punkt Untergruppe	. . responsive to non-activity, e.g. of elderly persons (G08B 21/06 takes precedence) [7]
G08B 21/06	2-Punkt Untergruppe	. . indicating a condition of sleep, e.g. anti-dozing alarms (safety devices for propulsion-unit control of vehicles responsive to incapacity of driver B60K 28/06) [7]
G08B 21/08	2-Punkt Untergruppe	. . responsive to the presence of persons in a body of water, e.g. a swimming pool; responsive to an abnormal condition of a body of water [7]
G08B 21/10	2-Punkt Untergruppe	. . responsive to calamitous events, e.g. tornados, earthquakes (seismology G01V 1/00; indicating weather conditions G01W 1/00) [7]
G08B 21/12	2-Punkt Untergruppe	. . responsive to undesired emission of substances, e.g. pollution alarms (alarms on pipe-lines F17D 3/01) [7]
G08B 21/14	3-Punkt Untergruppe	. . . Toxic gas alarms (G08B 21/16 takes precedence) [7]
G08B 21/16	3-Punkt Untergruppe	. . . Combustible gas alarms [7]
G08B 21/18	1-Punkt Untergruppe	. Status alarms (G08B 21/02 takes precedence) [7]
G08B 21/20	2-Punkt Untergruppe	. . responsive to moisture [7]
G08B 21/22	2-Punkt Untergruppe	. . responsive to presence or absence of persons [7]
G08B 21/24	2-Punkt Untergruppe	. . Reminder alarms, e.g. anti-loss alarms (devices to prevent loss of bags or the like A45C 13/24) [7]
<b>G08B 23/00</b>	<b>Hauptgruppe</b>	<b>Alarms responsive to unspecified undesired or abnormal conditions</b>
<b>G08B 25/00</b>	<b>Hauptgruppe</b>	<b>Alarm systems in which the location of the alarm condition is signalled to a central station, e.g. fire or police telegraphic systems</b>
G08B 25/01	1-Punkt Untergruppe	. characterised by the transmission medium [5]
G08B 25/04	2-Punkt Untergruppe	. . using a single signalling line, e.g. in a closed loop [5]
G08B 25/06	2-Punkt Untergruppe	. . using power transmission lines (systems in general for transmission of information <u>via</u> power distribution lines H04B 3/54) [5]
G08B 25/08	2-Punkt Untergruppe	. . using communication transmission lines (telephonic communication systems combined with alarm systems H04M 11/04) [5]
G08B 25/10	2-Punkt Untergruppe	. . using wireless transmission systems [5]
G08B 25/12	1-Punkt Untergruppe	. Manually actuated calamity alarm transmitting arrangements [5]
G08B 25/14	1-Punkt Untergruppe	. Central alarm receiver or annunciator arrangements [5]
<b>G08B 26/00</b>	<b>Hauptgruppe</b>	<b>Alarm systems in which substations are interrogated in succession by a central station</b>
<b>G08B 27/00</b>	<b>Hauptgruppe</b>	<b>Alarm systems in which the alarm condition is signalled from a central station to a plurality of substations</b>
<b>G08B 29/00</b>	<b>Hauptgruppe</b>	<b>Checking or monitoring of signalling or alarm systems; Prevention or correction of operating errors, e.g. preventing unauthorised operation</b>
G08B 29/02	1-Punkt Untergruppe	. Monitoring continuously signalling or alarm systems [5]

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G08B 29/04	2-Punkt Untergruppe	. . Monitoring of the detection circuits [5]
G08B 29/06	2-Punkt Untergruppe	. . Monitoring of the line circuits, e.g. signalling of line faults (testing or locating faults in cables or lines in general G01R 31/02, G01R 31/08) [5]
G08B 29/08	3-Punkt Untergruppe	. . . Signalling of tampering with the line circuit [5]
G08B 29/10	2-Punkt Untergruppe	. . Monitoring of the annunciator circuits [5]
G08B 29/12	1-Punkt Untergruppe	. Checking intermittently signalling or alarm systems [5]
G08B 29/14	2-Punkt Untergruppe	. . checking the detection circuits [5]
G08B 29/16	1-Punkt Untergruppe	. Security signalling or alarm systems, e.g. redundant systems [5]
G08B 29/18	1-Punkt Untergruppe	. Prevention or correction of operating errors (G08B 29/02, G08B 29/12 take precedence) [5]
G08B 29/20	2-Punkt Untergruppe	. . Calibration, including self-calibrating arrangements [5]
G08B 29/22	3-Punkt Untergruppe	. . . Provisions facilitating manual calibration, e.g. input or output provisions for testing; Holding of intermittent values to permit measurement [5]
G08B 29/24	3-Punkt Untergruppe	. . . Self-calibration, e.g. compensating for environmental drift or ageing of components [5]
G08B 29/26	4-Punkt Untergruppe	. . . . by updating and storing reference thresholds [5]
G08B 29/28	4-Punkt Untergruppe	. . . . by changing the gain of an amplifier [5]
<b>G08B 31/00</b>	<b>Hauptgruppe</b>	<b>Predictive alarm systems characterised by extrapolation or other computation using updated historic data [5]</b>