

| Symbol | Typ | Titel |
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| G | Sektion | SECTION G — PHYSICS |
| G08 | Klasse | SIGNALLING (indicating or display devices <u>per se</u>G09F; transmission of pictures H04N) |
| G08B | Unterklasse | 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) |
| G08B 1/00 | Hauptgruppe | Systems for signalling characterised solely by the form of transmission of the signal |
| 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 |
| G08B 3/00 | Hauptgruppe | Audible signalling systems; Audible personal calling systems (audible indication of time signals G04B 21/00, G04C 21/00) |
| 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 |
| G08B 5/00 | Hauptgruppe | 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) |
| 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) |
| G08B 6/00 | Hauptgruppe | Tactile signalling systems, e.g. personal calling systems (indication of time by feeling G04B 25/02; deaf-aid sets H04R 25/00) [6] |
| G08B 7/00 | Hauptgruppe | 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 |
| 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 |
| G08B 9/00 | Hauptgruppe | 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) |
| 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 |
| G08B 13/00 | Hauptgruppe | Burglar, theft, or intruder alarms (vehicle theft alarms B60R 25/10; cycle theft alarms B62H 5/00) |
| 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 |
| G08B 15/00 | Hauptgruppe | Identifying, scaring, or incapacitating burglars, thieves, or intruders, e.g. by explosives (burglar traps, or the like, on safes E05G 5/02) |
| G08B 15/02 | 1-Punkt Untergruppe | . with smoke, gas, or coloured or odorous powder or liquid |
| G08B 17/00 | Hauptgruppe | Fire alarms; Alarms responsive to explosion (temperature-responsive elements G01K) |
| 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 |
| G08B 19/00 | Hauptgruppe | Alarms responsive to two or more different undesired or abnormal conditions, e.g. burglary and fire, abnormal temperature and abnormal rate of flow |
| G08B 19/02 | 1-Punkt Untergruppe | . Alarm responsive to formation or anticipated formation of ice (indicating weather conditions G01W 1/00) |
| G08B 21/00 | Hauptgruppe | Alarms responsive to a single specified undesired or abnormal condition and not otherwise provided for |
| 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] |
| G08B 23/00 | Hauptgruppe | Alarms responsive to unspecified undesired or abnormal conditions |
| G08B 25/00 | Hauptgruppe | Alarm systems in which the location of the alarm condition is signalled to a central station, e.g. fire or police telegraphic systems |
| 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] |
| G08B 26/00 | Hauptgruppe | Alarm systems in which substations are interrogated in succession by a central station |
| G08B 27/00 | Hauptgruppe | Alarm systems in which the alarm condition is signalled from a central station to a plurality of substations |
| G08B 29/00 | Hauptgruppe | Checking or monitoring of signalling or alarm systems; Prevention or correction of operating errors, e.g. preventing unauthorised operation |
| 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] |
| G08B 31/00 | Hauptgruppe | Predictive alarm systems characterised by extrapolation or other computation using updated historic data [5] |