CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B60 VEHICLES IN GENERAL

(NOTE omitted)

B60Q ARRANGEMENT OF SIGNALLING OR LIGHTING DEVICES, THE MOUNTING OR SUPPORTING THEREOF OR CIRCUITS THEREFOR, FOR VEHICLES IN GENERAL

NOTES

- 1. This subclass also covers the operation and control of lighting devices, for example:
 - arrangement or adaptation of lighting switches or signal-initiating means for vehicles;
 - · control of lighting devices in relation to the vehicle as a whole, e.g. for levelling, swivelling or aiming.
- 2. This subclass <u>does not cover</u> optical, mechanical, thermal or electrical arrangement of elements within lighting devices, which are covered by groups <u>F21S 41/00 F21S 45/00</u>.
- 3. Attention is drawn to the Note following the title of class **B60**.

Arrangement of optical signalling or lighting

B60Q 1/40 take precedence)

. . {mounted on the steering wheel}

• {Details of electrical connections (B60Q 1/305

source itself <u>F21S 41/192</u>, <u>F21S 43/195</u>)}

takes precedence; electrical connection of the light

WARNING

1/00

1/0082

1/0088

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

1/0094

. . {Arrangement of electronic circuits separated

. . . {the front cover being directly mounted onto

. . . { with arrangement for sealing the headlamp

with respect to the vehicle body, or for

concealling gaps between the headlamp and

the vehicle body}

the vehicle body}

| B60Q 1/128 | covered by | B60Q 1/124 |
|------------|------------|------------|
| B60Q 1/132 | covered by | B60Q 1/124 |
| B60Q 1/136 | covered by | B60Q 1/124 |

| 1/0005 | devices, the mounting or supporting thereof or circuits therefor (for lighting vehicle interior B60Q 3/00) • {Devices preventing the lights from becoming dirty or damaged, e.g. protection grids or cleaning by air flow (windshield wipers for cleaning optical devices | from the light source, e.g. mounting of housings for starter circuits for discharge lamps (arrangements being part of the light source holder F21V 17/06, F21S 43/195)} 1/02 • the devices being primarily intended to illuminate the way ahead or to illuminate other areas of way or environments |
|--------|--|---|
| 1/0011 | of vehicles <u>B60S 1/04</u>)} • {with light guides for distributing the light between | 1/04 • the devices being headlights |
| 1/0011 | several lighting or signalling devices} | 1/0408 {built into the vehicle body, e.g. details |
| 1/0017 | • {Devices integrating an element dedicated to another function} | concerning the mounting of the headlamps on the vehicle body (B60Q 1/0491, B60Q 1/05 |
| 1/0023 | • • {the element being a sensor, e.g. distance sensor, camera} | take precedence, integrated front ends <u>B62D 25/00</u>)} |
| 1/0029 | • {Spatial arrangement} | 1/0416 {the housing being mounted on the vehicle |
| 1/0035 | • • {relative to the vehicle} | body using rails} |
| 1/0041 | • • {of several lamps in relation to each other} | 1/0425 {the housing being swivel mounted on the |
| 1/0047 | • • {Signalling unit mounted on a headlamp unit} | vehicle body} |
| 1/0052 | {concentric} | 1/0433 {the housing being fastened onto the vehicle |
| 1/0058 | • • {Stacked, i.e. one lamp located behind the other in the optical axis direction} | body using screws (adjustable headlamp by rotation of a screw <u>B60Q 1/0683</u>)} |
| 1/0064 | • {with provision for maintenance, e.g. changing the light bulb (swivel arrangements <u>B60Q 1/0425</u>)} | 1/0441 {the housing being fastened onto the vehicle body using means other than screws} |
| 1/007 | | 1/045 { with provision for adjusting the alignment |
| 1/007 | . {via a removable cap}. {Switches therefor (B60Q 1/1446, B60Q 1/343, | of the headlamp housing with respect to the |
| 1/00/0 | 8600 1/40 take precedence) | vehicle body} |

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1/0458

1/0466

| 1/0475 | • • • • { with provisions for pre-mounting, for temporary holding the headlamp before or | 1/1476 {comprising switch controlling means located near the free end |
|--------|--|---|
| | during final mounting} | of the lever, e.g. press buttons, |
| 1/0483 | • • • {mounted on a bracket, e.g. details concerning | rotatable rings} |
| 170.00 | the mouting of the lamps on the vehicle body} | 1/1484 {mounted on the steering wheel} |
| 1/0491 | • • • {Shock absorbing devices therefor} | 1/1492 {Foot actuated switches} |
| 1/0495 | • • • {Frangible brackets} | 1/16 illuminating the way asymmetrically |
| 1/05 | retractable | 1/18 being additional front lights {(bracket mounted |
| 1/06 | adjustable, e.g. remotely-controlled from inside | headlights B60Q 1/0483)} |
| 1/00 | vehicle (B60Q 1/05 takes precedence) | 1/20 Fog lights |
| 1/064 | by fluid means | 1/22 for reverse drive |
| 1/068 | by mechanical means | 1/24 . for lighting other areas than only the way ahead |
| 1/0683 | {Adjustable by rotation of a screw} | 1/24 (Searchlights, e.g. adjustable from within the |
| 1/0686 | {using a position indicator mounted on | vehicle (adjustable headlights <u>B60Q 1/06</u>)} |
| 1/0000 | the headlight and permanently attached | 1/247 {for illuminating the close surroundings of |
| | thereto} | the vehicle, e.g. to facilitate entry or exit (for |
| 1/072 | comprising a flexible element, e.g. chain | reverse drive <u>B60Q 1/22</u> ; by opening a side |
| 1/072 | by electrical means {including means to | door <u>B60Q 1/323</u>)} |
| 1/0/0 | transmit the movements, e.g. shafts or joints} | 1/249 {for illuminating the field of view of a sensor |
| 1/08 | • • • automatically | or camera } |
| 1/08 | • • • • {due to special conditions, e.g. | 1/26 • the devices being primarily intended to indicate the |
| 1/063 | adverse weather, type of road, badly | vehicle, or parts thereof, or to give signals, to other |
| | illuminated road signs or potential dangers | traffic |
| | (B60Q 1/10, B60Q 1/12, B60Q 1/1423 | 1/2603 • • {Attenuation of the light according to ambient |
| | take precedence)} | luminiosity, e.g. for braking or direction |
| 1/10 | • • • • due to vehicle inclination, e.g. due to load | indicating lamps} |
| 1/10 | distribution | 1/2607 • {comprising at least two indicating lamps} |
| 1/105 | by fluid means | 1/2611 • • {Indicating devices mounted on the roof of the |
| 1/103 | by mechanical means | vehicle} |
| 1/115 | by electric means { (details of the | 1/2615 • {mounted on the vehicle body, e.g. with magnets} |
| 1/113 | electric drive components, e.g. motors, | 1/2619 • {built in the vehicle body} |
| | shafts, ball joints B60Q 1/076)} | 1/2623 {Details of the fastening means} |
| 1/12 | due to steering position | 1/2626 {Screw-nut fasteners} |
| 1/121 | • • • • • • • • • • • • • • • • • • • | 1/263 {Snap-in fasteners} |
| 1/121 | {with fluid actuating means (details | 1/2634 {Fastening by rotating the device housing |
| 1/122 | of the electric drive components, e.g. | about its longitudinal axis, e.g. bayonet |
| | motors, shafts, ball joints B60Q 1/076)} | fasteners} |
| 1/124 | • • • • by mechanical means | 1/2638 • • • {Positioning the device housing by indexing |
| 1/14 | having dimming means | means separate from the fastening means, e.g. |
| 1/1407 | • • • General lighting circuits comprising | pins, rails} |
| 1/140/ | dimming circuits} | 1/2642 { with provision for adjusting the alignment of |
| 1/1415 | {Dimming circuits} | the device housing with respect to the vehicle |
| 1/1423 | {Automatic dimming circuits, i.e. | body} |
| 1/1423 | switching between high beam and low | 1/2646 { using dowels or expansible elements} |
| | beam due to change of ambient light or | 1/2649 {with provision for pre-mounting or temporary |
| | light level in road traffic} | holding the device before or during final |
| 1/143 | • • • • {combined with another condition, e.g. | mounting} |
| 1/110 | using vehicle recognition from camera | 1/2653 { with arrangement for sealing the device with |
| | images or activation of wipers} | respect to the vehicle body, or for concealing |
| 1/1438 | {Actuating means for dimming masks or | gaps between the device and the vehicle body} |
| -, | screens} | 1/2657 {mounted on a shaft, e.g. telescopic} |
| 1/1446 | {controlled by mechanically actuated | 1/2661 {mounted on parts having other functions (on |
| 1,1110 | switches} | wheels <u>B60Q 1/326</u>)} |
| 1/1453 | {Hand actuated switches} | 1/2665 {on rear-view mirrors (lighting devices for |
| 1/1461 | {Multifunction switches for dimming | vehicle interior on or for rear-view mirrors |
| | headlights and controlling additional | <u>B60Q 3/258</u>)} |
| | devices, e.g. for controlling direction | 1/2669 {on door or boot handles (lighting devices for |
| | indicating lights} | vehicle interior on door handles <u>B60Q 3/267</u>)} |
| 1/1469 | {controlled by or attached to a single | 1/2673 {on parts worn by the driver, e.g. clothes, |
| ~- | lever, e.g. steering column stalk | gloves or bags, specially adapted to provide |
| | switches} | auxiliary vehicle signalling} |
| | | 1/2676 {Helmets} |
| | | |

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| 1/268 | • • • {on windscreens or windows (<u>B60Q 1/302</u> | 1/444 | • • { with indication of the braking strength or |
|------------------|---|--------|--|
| | takes precedence; lighting devices for vehicle | | speed changes, e.g. by changing shape or |
| 1/2/04 | interior on or for windows <u>B60Q 3/208</u>)} | | intensity of the indication (B60Q 1/1407, |
| 1/2684 1/2688 | • • {on wipers or windscreen washers} | 1/445 | B60Q 1/442, B60Q 1/447 take precedence)} {controlled by inertial devices} |
| | • • {on exhaust pipes} | | • • • {controlled by fliertial devices} • • • • {with indication of the braking strength or |
| 1/2692 | • • {retractable lights (retractable headlights B60Q 1/05)} | 1/447 | speed changes, e.g. by changing the shape or intensity of the indication} |
| 1/2696 | • • {Mounting of devices using LEDs} | 1/448 | • • { specially adapted for vehicles with ABS} |
| 1/28 | • for indicating front of vehicle | 1/446 | . • {specially adapted for venicles with ABS} . • for giving flashing caution signals during drive, |
| 1/30 | • for indicating rear of vehicle, e.g. by means of reflecting surfaces | 1/40 | other than signalling change of direction, e.g. flashing the headlights {or hazard lights} |
| 1/301 | • • • {by means of surfaces, e.g. metal plate, | 1/48 | • • for parking purposes |
| 1/2015 | reflecting the light of an external light source} | 1/482 | • • • • • • • • • • • • • • • • • • • |
| 1/3015 | {combined with a lamp} | 1/484 | {for showing outline of vehicle} |
| 1/302 | • {mounted in the vicinity, e.g. in the middle, of a rear window} | 1/486 | {for indicating that vehicle is in a parked state} |
| 1/303 | • • • {Rear fog lamps} | 1/488 | • • {for indicating that vehicle is in a parked state} • • • {for indicating intention to park} |
| 1/303 | {Adaptations of signalling devices having a | 1/50 | • • for indicating intention to pank) • • for indicating other intentions or conditions, e.g. |
| 1/304 | part on the vehicle body and another on the | 1/30 | request for waiting or overtaking |
| | boot door} | 1/503 | • • • {using luminous text or symbol displays in or |
| 1/305 | {Indicating devices for towed vehicles} | 1/303 | on the vehicle, e.g. static text} |
| 1/307 | {mounted on loading platforms} | 1/5035 | • • • {electronic displays} |
| 1/307 | for indicating vehicle sides {, e.g. clearance | 1/5033 | • • • • {the display content changing |
| 1/323 | lights } {on or for doors (illuminated exterior door | 1/3037 | automatically, e.g. depending on traffic situation} |
| 1/323 | handles <u>B60Q 1/2669</u> ; illuminated door locks | 1/506 | • • • {specific to silent vehicles, e.g. for warning that |
| | E05B 17/10)} | 1,000 | a hybrid or electric vehicle is approaching} |
| 1/324 | • • • {for signalling that a door is open or intended | 1/507 | • • · {specific to autonomous vehicles} |
| 1/324 | to be opened} | 1/508 | • • (specific to vehicles driving in fleets or |
| 1/325 | • • {on or for running boards or steps} | 1/200 | convoys} |
| 1/326 | • • {on or for wheels} | 1/509 | • • • {specific to unauthorised use, e.g. for |
| 1/34 | for indicating change of drive direction | | indicating stolen vehicles or infringements of |
| 1/34 | (B60Q 1/22 takes precedence) | | traffic rules} |
| 1/343 | • • • {Manually actuated switching arrangements | 1/52 | for indicating emergencies |
| 1/3/13 | therefor (hand actuated multifunction switches | 1/525 | • • • {automatically indicating risk of collision |
| | <u>B60Q 1/1461</u> ; <u>B60Q 1/40</u> takes precedence)} | | between vehicles in traffic or with pedestrians, |
| 1/346 | • • { with automatic actuation } | | e.g. after risk assessment using the vehicle |
| 1/36 | • • • using movable members, e.g. arms with built-in flashing lamps | 1/535 | sensor data} {to prevent rear-end collisions, e.g. by |
| 1/38 | using immovably-mounted light sources, e.g. | | indicating safety distance at the rear of the vehicle } |
| 1/201 | fixed flashing lamps | 1/54 | • • • for indicating speed {outside of the vehicle} |
| 1/381 | {with several light sources activated in | 1/543 | • • • • • • • • • • • • • • • • • • • |
| 1/202 | sequence, e.g. to create a sweep effect} | 1/343 | vehicle (indicating taxis' state of hire or fare |
| 1/382 | • • • {Electronic temporisation with | | G07B 13/045)} |
| 1/205 | semiconductor amplification } {Electronic temporisation with relay | 1/544 | • • • {for indicating other states or conditions of the |
| 1/385 | * | 1,0 | vehicle occupants, e.g. for indicating disabled |
| 1/207 | amplification) | | occupants} |
| 1/387 | {Mechanical temporisation} | 1/545 | • • • {for indicating other traffic conditions, e.g. fog, |
| 1/40 | having {mechanical, electric or electronic} | | heavy traffic} |
| 1/42 | automatic return to inoperative position | 1/547 | • • • { for issuing requests to other traffic |
| 1/42 | {having mechanical automatic return to inoperative position} due to steering-wheel | | participants; for confirming to other traffic |
| | position { , e.g. with roller wheel control} | | participants they can proceed, e.g. they can |
| 1/425 | • • • • {using a latching element for resetting a | | overtake} |
| 1/423 | switching element} | 1/549 | • • • {for expressing greetings, gratitude or |
| 1/44 | • • for indicating braking action {or preparation for | | emotions} |
| 1, 11 | braking, e.g. by detection of the foot approaching the brake pedal} | 1/56 | • • for illuminating registrations or the like {, e.g. for licence plates} |
| 1/441 | • • {Electric switches operable by the driver's | 3/00 | Arrangement of lighting devices for vehicle |
| | pedals} | 2,00 | interiors; Lighting devices specially adapted for |
| 1/442 | • • • {visible on the front side of the vehicle, e.g. for | | vehicle interiors |
| | pedestrians} | 3/10 | for dashboards |
| | | 3/12 | lighting onto the surface to be illuminated |
| | | | ~ ~ |

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| | fittings B60Q 3/20; general lighting for mass transit vehicles B60Q 3/43) | | headlamps |
|----------------|--|-------------------|--|
| | specific lighting, e.g. room lamps with reading lamps (general lighting mounted on specific | 2200/00 | Special features or arrangements of vehicle |
| 3/74 | for overall compartment lighting; for overall compartment lighting in combination with | 11/007 | {the lighting devices indicating change of drive direction} |
| 3/735 | • • • {for preventing discomfort, e.g. for preventing motion sickness or for anticipating motion} | 11/005 | {for lighting devices, e.g. indicating if lamps are burning or not} |
| 3/731 3/735 | {for autonomous vehicle travel} | 11/005 | the principal lighting circuit} |
| 3/72 | • • for preventing the driver from being dazzled | 11/002 | • {Emergency driving lights in the event of failure of |
| 3/70 | characterised by the purpose | | provided for in groups <u>B60Q 1/00</u> - <u>B60Q 9/00</u> |
| 3/68 | using ultraviolet light | 11/00 | Arrangement of monitoring devices for devices |
| | devices | 9/008 | • {for anti-collision purposes} |
| 3/66 | • • • for distributing light among several lighting | | obstacle, e.g. varying sound} |
| 3/64 | • • • for a single lighting device | 9/007 | • • {providing information about the distance to an |
| 3/62 | using light guides | 9/006 | • • • {using a distance sensor} |
| 3/60 | characterised by optical aspects | 9/005 | • • • {using a video camera} |
| 3/59 | Lighting devices mounted in the vehicle interior and adapted for portability | | G01S 13/931)} |
| 3/57 | . Retractable or concealable lighting devices | | between land vehicles and fixed obstacles |
| 3/57 | e.g. on flexible arms |)/UU 1 | collision purposes between land vehicles or |
| 3/56 | . Lighting devices mounted on elongate supports, | 9/004 | alarm upon contact with obstacle} • {using wave sensors (radar designed for anti- |
| 3/54 | Lighting devices embedded in interior trim, e.g. in roof liners | 9/003 | • • {using physical contactors, e.g. arms that trigger |
| 3/53 | Modular mounting systems, e.g. using tracks, rails or multiple plugs Lighting dayless ambadded in interior trim, a.g. | | an obstacle (warning arrangements in garages E04H 6/42)} |
| | interior, e.g. onto ceiling or floor | 9/002 | • {for parking purposes, e.g. for warning the driver that his vehicle has contacted or is about to contact |
| 3/51 | B60Q 3/40) • for mounting lighting devices onto vehicle | 9/001 | • {Alarm devices when the motor is stopped and the lights are on} |
| | than passenger or driving compartments <u>B60Q 3/30</u> ; specially adapted for specific vehicle types | | not provided for in one of main groups <u>B60Q 1/00</u> - <u>B60Q 7/00</u> {, e.g. haptic signalling} |
| 3/50 | . Mounting arrangements (for compartments other | 9/00 | Arrangement or adaptation of signal devices |
| 3/49 | for vehicles with non-fixed roofs, e.g. convertibles | | parts of vehicle |
| 3/47 | Circuits; Control arrangements | 7/02 | . to be attached to overhanging loads or extending |
| 3/46 | Emergency lighting, e.g. for escape routes | 7/005 | • {Devices without lamps} |
| 3/44 | • • • Spotlighting, e.g. reading lamps | | signal devices on vehicles |
| 3/43 | General lighting | 7/00 | Arrangement or adaptation of portable emergency |
| 3/41 | • • for mass transit vehicles, e.g. buses | | a hybrid or electric vehicle is approaching} |
| 3/40 | specially adapted for specific vehicle types | 5/008 | • • { for signaling silent vehicles, e.g. for warning that |
| 3/35 | Portable lighting devices | | with pedestrians} |
| | compartments, e.g. luggage or engine compartments | 5/006 | • • {indicating risk of collision between vehicles or |
| 3/30 | for compartments other than passenger or driving | 5/005 | • {automatically actuated} |
| 3/292 | Ignition locks | 5/003 | • • {mounted on the steering wheel} |
| 3/283 | Steering wheels; Gear levers | 5/001 | • {Switches therefor} |
| 31413 | ashtrays | 5/00 | devices |
| 3/207 | Smoking-related fittings, e.g. cigarette lighters or | 5/00 | Arrangement or adaptation of acoustic signal |
| 3/258 3/267 | . Rear-view mirrors . Door handles; Hand grips | | sockets |
| 3/252 | Rear-view mirrors | | of the vehicle, e.g. by using cigarette lighter |
| 3/242 | Sarety beits; Body namesses Sun visors | 3/88 | Means for plugging to the electrical power supply |
| 3/233 | Seats; Affil fests; flead festsSafety belts; Body harnesses | | orientation or intensity |
| 3/229 | Seats; Arm rests; Head rests | 3/85 | • • for manual control of the light, e.g. of colour, |
| 3/225 3/229 | Small compartments, e.g. glove compartments{Cup holders} | 2,32 | lighting, e.g. switching by tilting the lens |
| 3/217 | . Doors, e.g. door sills; Steps | 3/82 | Switches specially adapted for vehicle interior |
| 3/208 | | 3/00 | B60Q 3/16; for mass transit vehicles B60Q 3/47) |
| 3/208 | dashboards <u>B60Q 3/10</u>) • Sun roofs; Windows | 3/80 | trim component edges Circuits; Control arrangements (for dashboards |
| | compartments; mounted on specific fittings of passenger or driving compartments (lighting for | 3/78 | for generating luminous strips, e.g. for marking |
| 3/20 | • for lighting specific fittings of passenger or driving | | on or for specific fittings <u>B60Q 3/20</u> ; spotlighting in mass transit vehicles <u>B60Q 3/44</u>) |
| 3/18 | • • • for varying the light intensity | 3/76 | • for spotlighting, e.g. reading lamps (spotlighting |
| 3/16 | Circuits; Control arrangements | o = - | luminescent panels, LED mats} |
| 3/14 | lighting through the surface to be illuminated | 3/745 | • • • {using lighting panels or mats, e.g. electro- |
| | | | |

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transit vehicles B60Q 3/43)

| 2200/30 | Special arrangements for adjusting headlamps, e.g. | 2300/334 | on motorwaya |
|---|---|---|--|
| 2200/30 | means for transmitting the movements for adjusting | 2300/334 | on motorways Number or size of road lanes |
| | the lamps | 2300/333 | Crossings |
| 2200/32 | Ball-joints | 2300/330 | Tunnels or bridges |
| 2200/34 | Deformable parts, i.e. the adjustment is performed | 2300/337 | Overtaking |
| 2200/8. | by bending or stretching a part | 2300/338 | Indexing codes relating to other road users or |
| 2200/36 | Conjoint adjustments, i.e. a mechanical link | 2300/40 | special conditions |
| | allows conjoint adjustment of several units | 2300/41 | preceding vehicle |
| 2200/38 | Automatic calibration of motor-driven means for | 2300/41 | oncoming vehicle |
| | adjusting headlamps, i.e. when switching on the | 2300/42 | . following vehicle |
| | headlamps, not during mounting at factories | 2300/45 | Special conditions, e.g. pedestrians, road signs or |
| 2200/00 | Indexing codes for automatically adjustable | 2300/43 | potential dangers |
| 2300/00 | headlamps or automatically dimmable headlamps | 2300/47 | Direct command from other road users, i.e. the |
| 2300/05 | Special features for controlling or switching of the | 2300/17 | command for switching or changing the beam is |
| 2300/03 | light beam | | sent by other vehicles or road devices |
| 2300/052 | Switching delay, i.e. the beam is not switched or | • 400 400 | • |
| 2300/032 | changed instantaneously upon occurrence of a | 2400/00 | Special features or arrangements of exterior signal |
| | condition change | 2400/10 | lamps for vehicles |
| 2300/054 | • Variable non-standard intensity, i.e. emission of | 2400/10 | Electro- or photo- luminescent surfaces, e.g. |
| | various beam intensities different from standard | | signalling by way of electroluminescent strips or |
| | intensities, e.g. continuous or stepped transitions | 2400/20 | panels Multi-color single source on LED matrix, a c |
| | of intensity | 2400/20 | Multi-color single source or LED matrix, e.g. yellow blinker and red brake lamp generated by |
| 2300/056 | Special anti-blinding beams, e.g. a standard beam | | single lamp |
| | is chopped or moved in order not to blind | 2400/30 | Daytime running lights [DRL], e.g. circuits or |
| 2300/10 | Indexing codes relating to particular vehicle | 2400/30 | arrangements therefor |
| | conditions | 2400/40 | Welcome lights, i.e. specific or existing exterior |
| 2300/11 | . Linear movements of the vehicle | 2400/40 | lamps to assist leaving or approaching the vehicle |
| 2300/112 | Vehicle speed | 2400/50 | Projected symbol or information, e.g. onto the road |
| 2300/114 | Vehicle acceleration or deceleration | 2.00/20 | or car body |
| 2300/116 | Vehicle at a stop | | • |
| 2300/12 | Steering parameters | 2500/00 | Special features or arrangements of vehicle |
| 2300/122 | Steering angle | 2500/20 | interior lamps |
| 2300/124 | Steering speed | 2500/20 | associated with air conditioning arrangements |
| | | 2500/20 | |
| 2300/126 | Hysteresis behavior based on steering | 2500/30 | • Arrangements for illuminating different zones in the |
| 2300/126 2300/128 | - - | 2500/30 | Arrangements for illuminating different zones in the vehicle, e.g. front/rear, different seats |
| | Hysteresis behavior based on steering | 2500/30 2800/00 | |
| 2300/128 | Hysteresis behavior based on steering Steering dead zone | | vehicle, e.g. front/rear, different seats |
| 2300/128 2300/13 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw | 2800/00 2800/10 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not |
| 2300/128 2300/13 2300/132 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch | 2800/00 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for |
| 2300/128 2300/13 2300/132 2300/134 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll Other vehicle conditions | 2800/00 2800/10 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction work |
| 2300/128 2300/13 2300/132 2300/134 2300/136 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll | 2800/00 2800/10 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction |
| 2300/128 2300/13 2300/132 2300/134 2300/136 2300/14 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll Other vehicle conditions | 2800/00 2800/10 2800/20 2800/30 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction work Mass transport vehicles |
| 2300/128 2300/13 2300/132 2300/134 2300/136 2300/14 2300/142 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll Other vehicle conditions Turn signal actuation | 2800/00 2800/10 2800/20 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction work Mass transport vehicles Features of lamps not covered by other groups in |
| 2300/128 2300/13 2300/132 2300/134 2300/136 2300/14 2300/142 2300/144 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll Other vehicle conditions Turn signal actuation Rearward ratio actuation | 2800/00 2800/10 2800/20 2800/30 2900/00 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for . Autonomous vehicles . Utility vehicles, e.g. for agriculture, construction work . Mass transport vehicles Features of lamps not covered by other groups in B60Q |
| 2300/128 2300/13 2300/132 2300/134 2300/136 2300/14 2300/142 2300/144 2300/146 2300/20 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll . Other vehicle conditions Turn signal actuation Rearward ratio actuation Abnormalities, e.g. fail-safe . Indexing codes relating to the driver or the passengers | 2800/00 2800/10 2800/20 2800/30 2900/00 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction work Mass transport vehicles Features of lamps not covered by other groups in B60Q Retrofit arrangements |
| 2300/128 2300/13 2300/132 2300/134 2300/136 2300/14 2300/142 2300/144 2300/146 | Hysteresis behavior based on steering Steering dead zone Attitude of the vehicle body Pitch Yaw Roll . Other vehicle conditions Turn signal actuation Rearward ratio actuation Abnormalities, e.g. fail-safe . Indexing codes relating to the driver or the passengers Manual control | 2800/00 2800/10 2800/20 2800/30 2900/00 | vehicle, e.g. front/rear, different seats Features related to particular types of vehicles not otherwise provided for Autonomous vehicles Utility vehicles, e.g. for agriculture, construction work Mass transport vehicles Features of lamps not covered by other groups in B60Q Retrofit arrangements Arrangements for easy recycling, e.g. for easy |
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