

CPC COOPERATIVE PATENT CLASSIFICATION

B60Q **VEHICLE LIGHTING OR SIGNALLING** (arrangement of signalling or lighting devices, the mounting or supporting thereof for rail vehicles [B61D](#), for cycles [B62J](#), for ships [B63B](#), for aircrafts [B64D](#); lighting in general, lighting devices *per se* [F21](#), [H05B](#); signalling in general [G08](#); electric switches *per se* [H01H](#))

NOTES

1. This subclass covers also:
 - electric signalling of lighting circuits so far as specially arranged in vehicles;
 - arrangements or adaptations of lighting switches or signal-initiating means
2. Attention is drawn to the Note following the title of class [B60](#)
3. Attention is drawn to the following places :

B60K 28/00	Safety devices, e.g. sleeping driver
B60R 25/00	Anti theft
B62D	Driving assistance
B62D 15/02	Steering aids
B60K 31/0008	Cruise control
F21S 48/00	Lighting devices or systems specially adapted for vehicles
G01S	Infra red night vision
G01S 13/931	Anti Collision
G05D 1/00	Automatic pilot
G06K 9/00	Pattern recognition
G06T 3/00	Image transformation
G06T 5/00	Image enhancement
G06T 7/00	Image analysis
G08B 21/00	Alarms in general
G08G	Traffic control
G08G 1/16	Anti-collision systems
H04N	Television systems

WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

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

1/00	Arrangements or adaptations of optical signalling or lighting devices (for lighting vehicle interior B60Q 3/00; {circuit arrangements for electric light sources in general H05B 37/00})	1/0052	. . . {concentric}
		1/0058	. . . {Stacked, i.e. one lamp located behind the other in the optical axis direction}
1/0005	. {Devices preventing the lights from becoming dirty or damaged (protecting lighting devices from damage in general F21V 15/00), e.g. protection grids (fastening of grids or protective cages in general F21V 17/00), cleaning by air flow (windshield wipers for cleaning optical devices of vehicles B60S 1/04)}	1/0064	. {with provision for maintenance, e.g. changing the light bulb (swivel arrangements B60Q 1/0425 ; fastening of covers F21S 48/15 ; changing light sources in general F21V 19/04 ; fastening of light sources or lamp holders F21S 48/1104 , F21S 48/211)}
1/0011	. {with light guides for distributing the light between several lighting or signalling devices (using light guides inside a single device F21S 8/00 , light guides <i>per se</i> G02B 6/0001)}	1/007	. . {via a removable cap (fastening of the light source by a cap holding the light source F21S 48/1104 , F21S 48/211)}
1/0017	. {Devices integrating an element dedicated to another function}	1/0076	. {Switches therefor (B60Q 1/1446 , B60Q 1/343 , B60Q 1/40 take precedence, arrangements or fitting of control knobs on dashboard B60K 37/06)}
1/0023	. . {the element being a sensor, e.g. distance sensor, camera}	1/0082	. . {mounted on the steering wheel}
1/0029	. {Spatial arrangement}	1/0088	. {Details of electrical connections (B60Q 1/305 takes precedence; electrical connectors in general H01R ; electrical connection of the light source itself F21S 48/1109 , F21S 48/212)}
1/0035	. . {relative to the vehicle}		
1/0041	. . {of several lamps in relation to each other}		
1/0047	. . . {Signalling unit mounted on a headlamp unit}		

- 1/0094 . . {Arrangement of electronic circuits separated from the light source (, e.g. mounting of housings for starter circuits for discharge lamps, circuits [per se H05B](#), arrangements being part of the light source holder [F21V 17/06](#), [F21S 48/1109](#), [F21S 48/212](#))}
- 1/02 . the devices being primarily intended to illuminate the way ahead or to illuminate other areas of way or environments
- 1/04 . . the devices being headlights
- 1/0408 . . . {built into the vehicle body, e.g. details concerning the mounting of the headlamps on the vehicle body ([B60Q 1/0491](#), [B60Q 1/05](#) take precedence, integrated front ends [B62D 25/00](#))}
- 1/0416 {the housing being mounted on the vehicle body using rails}
- 1/0425 {the housing being swivel mounted on the vehicle body}
- 1/0433 {the housing being fastened onto the vehicle body using screws (adjustable headlamp by rotation of a screw [B60Q 1/0683](#))}
- 1/0441 {the housing being fastened onto the vehicle body using means other than screws}
- 1/045 {with provision for adjusting the alignment of the headlamp housing with respect to the vehicle body (adjusting the light beam [B60Q 1/06](#))}
- 1/0458 {the front cover being directly mounted onto the vehicle body (mounting the cover on the housing [F21S 48/15](#))}
- 1/0466 {with arrangement for sealing the headlamp with respect to the vehicle body, or for concealing gaps between the headlamp and the vehicle body}
- 1/0475 {with provisions for pre-mounting, for temporary holding the headlamp before or during final mounting}
- 1/0483 . . . {mounted on a bracket, e.g. details concerning the mounting of the lamps on the vehicle body}
- 1/0491 . . . {Shock absorbing devices therefor (resilient mounting of lighting devices in general [F21V 15/04](#); shock absorbing devices in general [F16F 15/04](#))}
- 1/05 . . . Retractable
- 1/06 . . . adjustable, e.g. remotely controlled from inside vehicle ([B60Q 1/05](#) takes precedence; {changing the characteristics or distribution of the light by adjustment of parts, e.g. reflectors, light sources, lenses, screens [F21V 14/00](#))}
- 1/064 by fluid means
- 1/068 by mechanical means
- 1/0683 {Adjustable by rotation of a screw}
- 1/0686 {using a position indicator mounted on the headlight and permanently attached thereto}
- 1/072 comprising a flexible element, e.g. chain
- 1/076 by electrical means {including means to transmit the movements, e.g. shafts or joints}
- 1/08 automatically
- 1/085 {due to special conditions, e.g. adverse weather, type of road, badly illuminated road signs or potential dangers ([B60Q 1/10](#), [B60Q 1/12](#), [B60Q 1/1423](#) take precedence)}
- 1/10 due to vehicle inclination, e.g. due to load distribution
- 1/105 by fluid means
- 1/11 by mechanical means
- 1/115 by electric means {(details of the electric drive components, e.g. motors, shafts, ball joints [B60Q 1/076](#))}
- 1/12 due to steering position
- 1/121 {with fluid actuating means}
- 1/122 {with electrical actuating means (details of the electric drive components, e.g. motors, shafts, ball joints [B60Q 1/076](#))}
- 1/124 by mechanical means
- 1/14 . . . having dimming means {(lighting power supply circuits in general [H05B](#))}
- 1/1407 {General lighting circuits comprising dimming circuits (dimming circuits [per se B60Q 1/1415](#))}
- 1/1415 {Dimming circuits}
- 1/1423 {Automatic dimming circuits, i.e. switching between high beam and low beam due to change of ambient light or light level in road traffic}
- 1/143 {combined with another condition, e.g. using vehicle recognition from camera images or activation of wipers}
- 1/1438 {Actuating means for dimming masks or screens (adjustable screens [per se F21V 11/04](#))}
- 1/1446 {controlled by mechanically actuated switches}
- 1/1453 {Hand actuated switches}
- 1/1461 {Multifunction switches for dimming headlights and controlling additional devices, e.g. for controlling direction indicating lights}
- 1/1469 {controlled by or attached to a single lever, e.g. steering column stalk switches}
- 1/1476 {comprising switch controlling means located near the free end of the lever, e.g. press buttons, rotatable rings}
- 1/1484 {mounted on the steering wheel}
- 1/1492 {Foot actuated switches}
- 1/16 . . . illuminating the way asymmetrically
- 1/18 . . . being additional front lights {(bracket mounted headlights [B60Q 1/0483](#))}
- 1/20 Fog lights {(single shaped beam lighting devices specially adapted for vehicles for penetrating fog or preventing glare [F21S 8/12](#))}
- 1/22 . . for reverse drive
- 1/24 . . for lighting other areas than only the way ahead
- 1/245 . . . {using spotlights adjustable from within the vehicle (adjustable headlights [B60Q 1/06](#))}
- 1/26 . the devices being primarily intended to indicate the vehicle, or parts thereof, or to give signals, to other traffic {(such devices mounted on the vehicle rear part [F21S 48/20](#); means for the lighting or illuminating of aerials, e.g. for purpose of warning [H01Q 1/06](#))}

- 1/2603 . . {Attenuation of the light according to ambient luminosity, e.g. for braking or direction indicating lamps}
- 1/2607 . . {comprising at least two indicating lamps}
- 1/2611 . . {Indicating devices mounted on the roof of the vehicle ([flashing light sources in general F21S 10/06](#))}
- 1/2615 . . {mounted on the vehicle body, e.g. with magnets}
- 1/2619 . . {built in the vehicle body}
- 1/2623 . . . {Details of the fastening means}
- 1/2626 {Screw-nut fasteners}
- 1/263 {Snap-in fasteners}
- 1/2634 {Fastening by rotating the device housing about its longitudinal axis, e.g. bayonet fasteners}
- 1/2638 . . . {Positioning the device housing by indexing means separate from the fastening means, e.g. pins, rails}
- 1/2642 . . . {with provision for adjusting the alignment of the device housing with respect to the vehicle body}
- 1/2646 {using dowels or expansible elements}
- 1/2649 . . . {with provision for pre-mounting or temporary holding the device before or during final mounting}
- 1/2653 . . . {with arrangement for sealing the device with respect to the vehicle body, or for concealing gaps between the device and the vehicle body}
- 1/2657 . . {mounted on a shaft, e.g. telescopic ([lamps on antennas or powerlines F21S 8/085](#))}
- 1/2661 . . {mounted on parts having other functions ([on wheels B60Q 1/323](#))}
- 1/2665 . . . {on rear-view mirrors ([lighting devices for vehicle interior on or for rear-view mirrors B60Q 3/023](#); adaptations or arrangements of mirrors for use on cycles [B62J 29/00](#); rear-view mirror arrangements [B60R 1/02](#); mirror assemblies combined with lamps [B60R 1/1207](#))}
- 1/2669 . . . {on door or boot handles ([lighting devices for vehicle interior on door handles B60Q 3/0233](#); vehicle doors [B60J 5/00](#) illuminating devices on or for locks or keys [E05B 17/10](#); Keyhole finders [E05B 15/08](#))}
- 1/2673 . . . {on parts worn by the driver, e.g. clothes (professional or sporting clothes with reflecting or luminous means [A41D 13/01](#)), gloves (protective gloves with reflecting or luminous means [A41D 19/0157](#)), or bags, specially adapted to provide auxiliary vehicle signalling}
- 1/2676 {Helmets ([helmets in general A42B 3/00](#); helmets with signalling or lighting devices [A42B 3/0433](#))}
- 1/268 . . . {on windscreens or windows ([B60Q 1/302](#) takes precedence; windows or windscreens in general [B60J 1/00](#); lighting devices for vehicle interior on or for windows [B60Q 3/0213](#))}
- 1/2684 . . . {on wipers or windscreen washers ([vehicle wipers B60S 1/04](#); windscreen washers [B60S 1/46](#))}
- 1/2688 . . . {on exhaust pipes (exhaust or silencing apparatuses in general [F01N](#))}
- 1/2692 . . {retractable lights ([retractable headlights B60Q 1/05](#))}
- 1/2696 . . {Mounting of devices using LEDs ([fastening of LEDs on printed circuits F21V 19/001](#))}
- 1/28 . . for indicating front of vehicle
- 1/30 . . for indicating rear of vehicle, e.g. by means of reflecting surfaces
- 1/302 . . . {mounted in the vicinity, e.g. in the middle, of a rear window}
- 1/305 . . . {Indicating devices for towed vehicles}
- 1/307 . . . {mounted on loading platforms ([warning signals on loading platforms B60P 1/4464](#))}
- 1/32 . . for indicating vehicle sides, {e.g. clearance lights}
- 1/323 . . . {on or for doors or running boards, e.g. to facilitate access to the vehicle ([illumination of door locks E05B 17/10](#))}
- 1/326 . . . {on or for wheels}
- 1/34 . . for indicating change of drive direction ([B60Q 1/22](#) takes precedence)
- 1/343 . . . {Manually actuated switching arrangements therefor ([Hand actuated multifunction switches B60Q 1/1461](#); [B60Q 1/40](#) takes precedence)}
- 1/346 . . . {with automatic actuation}
- 1/36 . . . using movable members, e.g. arms with built-in flashing lamps
- 1/38 . . . using immovably-mounted light sources, e.g. fixed flashing lamps
- 1/382 {Electronic temporisation with semiconductor amplification}
- 1/385 {Electronic temporisation with relay amplification}
- 1/387 {Mechanical temporisation}
- 1/40 . . . having {mechanical, electric or electronic} automatic return to inoperative position
- 1/42 {having mechanical automatic return to inoperative position} due to steering-wheel position, {e.g. with roller wheel control}
- 1/425 {using a latching element for resetting a switching element ([Hand actuated multifunction switches B60Q 1/1461](#))}
- 1/44 . . for indicating braking action or preparation for braking, {e.g. by detection of the foot approaching the brake pedal}
- 1/441 . . . {Electric switches operable by the driver's pedals ([electric switches in general H01H](#))}
- 1/442 . . . {visible on the front side of the vehicle, e.g. for pedestrians}
- 1/444 . . . {with indication of the braking strength or speed changes, e.g. by changing shape or intensity of the indication ([B60Q 1/1407](#), [B60Q 1/442](#), [B60Q 1/447](#) take precedence)}
- 1/445 . . . {controlled by inertial devices}
- 1/447 {with indication of the braking strength or speed changes, e.g. by changing the shape or intensity of the indication}
- 1/448 . . . {specially adapted for vehicles with ABS}
- 1/46 . . for giving flashing caution signals during drive, other than signalling change of direction, e.g. flashing the headlights, {hazard lights ([flashing lights in general F21S 10/06](#))}
- 1/48 . . for parking purposes {([warning arrangements in garages E04H 6/42](#))}
- 1/482 . . . {for locating vehicle in parking lot}
- 1/484 . . . {for showing outline of vehicle}
- 1/486 . . . {for indicating that vehicle is in a parked state}

- 1/488 . . . {for indicating intention to park}
- 1/50 . . for indicating other intentions or conditions, e.g. request for waiting or overtaking
- 1/503 . . . {using luminous text displays}
- 1/506 . . . {for signaling silent vehicles, e.g. for warning that a hybrid or electric vehicle is approaching}
- 1/52 . . . for indicating emergencies {(braking indicating devices [B60Q 1/44](#), portable emergency signal devices [B60Q 7/00](#))}
- 1/525 {indicating risk of collision between vehicles or with pedestrians (using video cameras [B62D 1/00](#); Radars designed for anti-collision purposes between land vehicles or between land vehicle and fixed obstacles [G01S 13/931](#); Control of position or course in two dimensions for land vehicles [G05D 1/021](#); Anti-collision systems for road vehicles [G08G 1/16](#))}
- 1/54 . . . for indicating speed {outside of the vehicle (automatic vehicle speed controlling fittings including unintended speed signalling devices to the vehicle driver [B60K 31/18](#))}
- 1/56 . . for illuminating registrations or the like, {e.g. for licence plates (license plates [B60R 13/10](#))}
- 3/00 Arrangements or adaptations of lighting devices for vehicle interior**
- 3/001 . {manually adjustable, e.g. colours, orientation, intensity (automatically adjusted [B60Q 3/0293](#))}
- 3/002 . {using light guides}
- 3/004 . . {inside a single lighting device}
- 3/005 . . {to distribute light between several lighting devices}
- 3/007 . {with means for electrical plugging into vehicle, e.g. in cigarette lighter, in special plug (arrangement of electrically heated lighters [B60N 3/14](#))}
- 3/008 . {using UV light}
- 3/02 . for lighting passenger or driving compartment
- 3/0203 . . {Details of mounting onto vehicle interior, e.g. onto ceiling, floor (mounting of lighting devices [F21V 21/04](#), vehicle liners [B60R 13/02](#), connectors [H01R 33/00](#))}
- 3/0206 . . . {Modular mounting systems, e.g. using tracks, rails, multiple plugs (for lighting devices in general [F21V 21/005](#))}
- 3/0209 . . {mounted onto or for lighting specific vehicle fittings}
- 3/0213 . . . {on or for sun roofs, or windows (windows [per se](#) [B60J 1/00](#), sun roofs [per se](#) [B60J 7/00](#))}
- 3/0216 . . . {on or for doors or steps (vehicle doors [B60J 5/00](#))}
- 3/022 . . . {on or for small compartments, e.g. glove compartment (stowing small appliances in vehicles [B60R 7/00](#))}
- 3/0223 . . . {on or for seats, arm rests or head rests (vehicle seats [per se](#) [B60N 2/00](#))}
- 3/0226 . . . {on or for sun visors (sun visors [per se](#) [B60J 3/0204](#))}
- 3/023 . . . {on or for rear view mirrors (rear view mirror [per se](#) [B60R 1/00](#))}
- 3/0233 . . . {on or for door handles or hand grabs (door handles [per se](#) [B60N 3/02](#))}
- 3/0236 . . . {on or for smoking related tools, e.g. cigarette lighters, ashtrays (cigarette lighters [B60N 3/14](#), ashtrays [B60N 3/083](#))}
- 3/024 . . . {on or for steering wheel or gear shift (steering wheels [B62D 1/04](#), gear shifts [B60K 20/00](#))}
- 3/0243 . . . {others, e.g. cup holders, ignition locks (lighting for door locks [E05B 15/08](#), [E05B 17/10](#))}
- 3/0246 . . {for mass transit vehicles ([B60Q 3/0209](#), [B60Q 3/04](#) take precedence, illumination of sides, boards or panels in general [G09F 13/00](#))}
- 3/025 . . . {Overall lighting}
- 3/0253 . . . {Specific lighting, e.g. reading lamps}
- 3/0256 . . . {Emergency lighting, e.g. escape routes (illumination of emergency signs [G09F 13/00](#))}
- 3/0259 . . . {Circuits or control therefore}
- 3/0263 . . {Mounted on a shaft (for lighting devices in general [F21V 21/26](#) and [F21V 21/32](#))}
- 3/0266 . . {Retractable, concealable lamps}
- 3/0269 . . {with provision for being portable (portable lighting devices in general [F21L](#))}
- 3/0273 . . {Specifically arranged for convertibles}
- 3/0276 . . {additional interior lighting specifically arranged to prevent conductor dazzling, e.g. by constricting the conductor's pupil}
- 3/0279 . . {overall lighting alone or in combination with specific lighting, e.g. arrangement of room lamps, combination of room lamps with reading lamps (fastening of components within lighting devices [F21V 17/00](#), [F21V 19/00](#) and [F21V 23/00](#))}
- 3/0283 . . . {using lighting panels or mats, e.g. electro-luminescent panels, LED mats (electroluminescent light sources [H05B 33/00](#))}
- 3/0286 . . {Specific lighting, e.g. reading lamps, directional or focussed lighting towards small surfaces, e.g. using blends (fastening of components within lighting devices [F21V 17/00](#), [F21V 19/00](#) and [F21V 23/00](#))}
- 3/0289 . . {Strip lighting, edge marking, e.g. using elongated light sources along or around parts to be illuminated}
- 3/0293 . . {circuits or control for interior lights (circuits for light sources in general [H05B 37/00](#) and [H05B 39/00](#), for electric vehicles [B60L 1/14](#), electronic switching [H03K 17/00](#), remote control [H04Q 9/00](#))}
- 3/0296 . . {Switches specifically designed for interior lights, e.g. switching by tilting the lens (mechanical switches in general [H01H](#), electronic switches in general [H03K 17/00](#), arrangement of instruments in vehicles in general [B60K 35/00](#) and [B60K 37/00](#))}
- 3/04 . . for dashboard {(lighting of individual instruments [G01D](#), association of lighting devices with LCDs [G02F 1/1335](#))}
- 3/042 . . . {lighting onto the surface to be illuminated}
- 3/044 . . . {lighting through the surface to be illuminated}
- 3/046 . . . {Circuits or control therefore (for electric vehicles [B60L 1/14](#); electronic switching [H03K 17/00](#); remote control [H04Q 9/00](#); circuits for light sources in general [H05B 37/00](#), [H05B 39/00](#))}
- 3/048 {for varying the light intensity (controlling the light intensity of displays [G09G](#); circuits for controlling the light intensity emitted by particular light sources [H05B](#))}
- 3/06 . for lighting compartments other than passenger or driving space, e.g. luggage or engine compartment

3/065	. . {with provision for being portable (portable lighting devices in general F21L)}	2200/30	. Special arrangements for adjusting headlamps, e.g. means for transmitting the movements for adjusting the lamps
5/00	Arrangements or adaptations of acoustic signal devices {(sound producing devices in general G10K)}	2200/32	. . Ball-joints
5/001	. {Switches therefor}	2200/34	. . Deformable parts, i.e. the adjustment is performed by bending or stretching a part
5/003	. . {mounted on the steering wheel}	2200/36	. . Conjoint adjustments, i.e. a mechanical link allows conjoint adjustment of several units
5/005	. {automatically actuated}	2200/38	. . Automatic calibration of motor-driven means for adjusting headlamps, i.e. when switching on the headlamps, not during mounting at factories
5/006	. . {indicating risk of collision between vehicles or with pedestrians (using video cameras B62D 1/00 ; Radars designed for anti-collision purposes between land vehicles or between land vehicle and fixed obstacles G01S 13/931 ; Control of position or course in two dimensions for land vehicles G05D 1/021 ; Anti-collision systems for road vehicles G08G 1/16)}	2300/00	Indexing codes for automatically adjustable headlamps or automatically dimmable headlamps
5/008	. . {for signaling silent vehicles, e.g. for warning that a hybrid or electric vehicle is approaching}	2300/05	. Special features for controlling or switching of the light beam
7/00	Arrangement or adaptation of portable emergency signal devices on {board} vehicles {to be placed on roadways or vehicles, e.g. warning triangles} , (arrangements for enforcing caution on roads, e.g. marker posts, E01F 9/00 ; signs G09F, e.g. reflecting warning triangles G09F 13/16)	2300/052	. . Switching delay, i.e. the beam is not switched or changed instantaneously upon occurrence of a condition change
7/005	. {Devices without lamps}	2300/054	. . Variable non-standard intensity, i.e. emission of various beam intensities different from standard intensities, e.g. continuous or stepped transitions of intensity
7/02	. to be attached to overhanging loads or extending parts of vehicle	2300/056	. . Special anti-blinding beams, e.g. a standard beam is chopped or moved in order not to blind
9/00	Arrangements or adaptations of signal devices not provided for in one of the preceding main groups, {e.g. haptic signalling}	2300/10	. Indexing codes relating to particular vehicle conditions
9/001	. {Alarm devices when the motor is stopped and the lights are on}	2300/11	. . Linear movements of the vehicle
9/002	. {for parking purposes, e.g. for warning the driver that his vehicle has contacted or is about to contact an obstacle (warning arrangements in garages E04H 6/42)}	2300/112	. . . Vehicle speed
9/003	. . {using physical contactors, e.g. arms that trigger alarm upon contact with obstacle}	2300/114	. . . Vehicle acceleration or deceleration
9/004	. . {using wave sensors (radar designed for anti-collision purposes between land vehicles or between land vehicles and fixed obstacles G01S 13/931)}	2300/116	. . . Vehicle at a stop
9/005	. . . {using a video camera}	2300/12	. . Steering parameters
9/006	. . . {using a distance sensor}	2300/122	. . . Steering angle
9/007	. . {providing information about the distance to an obstacle, e.g. varying sound}	2300/124	. . . Steering speed
9/008	. {for anti-collision purposes}	2300/126	. . . Hysteresis behavior based on steering
11/00	Arrangements of monitoring devices for devices provided for in groups B60Q 1/00 - B60Q 9/00 {(testing of electric installations on road vehicle G01R 31/00)}	2300/128	. . . Steering dead zone
11/002	. {Emergency driving lights in the event of failure of the principal lighting circuit}	2300/13	. . Attitude of the vehicle body
11/005	. {for lighting devices, e.g. indicating if lamps are burning or not}	2300/132	. . . Pitch
11/007	. . {the lighting devices indicating change of drive direction (change of drive direction indicators B60Q 1/34)}	2300/134	. . . Yaw
2200/00	Special features or arrangements of vehicle headlamps	2300/136	. . . Roll
		2300/14	. . Other vehicle conditions
		2300/142	. . . Turn signal actuation
		2300/144	. . . Rearward ratio actuation
		2300/146	. . . Abnormalities, e.g. fail-safe
		2300/20	. Indexing codes relating to the driver or the passengers
		2300/21	. . Manual control
		2300/22	. . Seat occupation
		2300/23	. . Driver's line of sight
		2300/30	. Indexing codes relating to the vehicle environment
		2300/305	. . Calendar date or clock time
		2300/31	. . Atmospheric conditions
		2300/312	. . . Adverse weather
		2300/314	. . . Ambient light
		2300/32	. . Road surface or travel path
		2300/322	. . . Road curvature
		2300/324	. . . Road inclination, e.g. uphill or downhill
		2300/33	. . Driving situation
		2300/331	. . . characterised by the driving side, e.g. on the left or right hand side
		2300/332	. . . on city roads
		2300/3321 Detection of streetlights
		2300/333	. . . on suburban or country roads

- 2300/334 . . . on motorways
- 2300/335 . . . Number or size of road lanes
- 2300/336 . . . Crossings
- 2300/337 . . . Tunnels or bridges
- 2300/338 . . . Overtaking
- 2300/40 . Indexing codes relating to other road users or special conditions
- 2300/41 . . preceding vehicle
- 2300/42 . . oncoming vehicle
- 2300/43 . . following vehicle
- 2300/45 . . Special conditions, e.g. pedestrians, road signs or potential dangers
- 2300/47 . . Direct command from other road users, i.e. the command for switching or changing the beam is sent by other vehicles or road devices

- 2400/00 Special features or arrangements of exterior signal lamps for vehicles**
- 2400/10 . Electroluminescent surfaces, i.e. signalling by way of electroluminescent strips or panels
- 2400/20 . Multi-color single source or LED matrix, e.g. yellow blinker and red brake lamp generated by single lamp
- 2400/30 . Daytime running lights [DRL], e.g. circuits or arrangements therefor
- 2400/40 . Welcome lights, i.e. specific or existing exterior lamps to assist leaving or approaching the vehicle
- 2400/50 . Projected signs, i.e. symbol or information is projected onto the road

- 2500/00 Special features or arrangements of vehicle interior lamps**
- 2500/10 . embedded in interior trim, e.g. integrated in headliner layers
- 2500/20 . associated with air conditioning arrangements

- 2900/00 Features of lamps not covered by other groups in [B60Q](#)**
- 2900/10 . Retrofit arrangements
- 2900/20 . Arrangements for easy recycling, e.g. for easy dismantling or use of special materials
- 2900/30 . Lamps commanded by wireless transmissions