

ECLA**EUROPEAN 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)

[N: **WARNING**
[M1202]

- The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:

B60Q1/128	covered by	B60Q1/124
B60Q1/132	covered by	B60Q1/124
B60Q1/136	covered by	B60Q1/124

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Notes

- 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

- Attention is drawn to the Note following the title of class B60

- Attention is drawn to the following places :

B60K28/00	Safety devices, e.g. sleeping driver
B60R25	Anti theft
B62D	Driving assistance
B62D15/02	Steering aids
B60K31/00D	Cruise control
F21S48/00	Lighting devices or systems specially adapted for vehicles
G01S	Infra red night vision
G01S13/93C	Anti Collision
G05D1/00	Automatic pilot
G06K9/00	Pattern recognition
G06T3/00	Image transformation
G06T5/00	Image enhancement
G06T7/00	Image analysis
G08B21/00	Alarms in general
G08G	Traffic control
G08G1/16	Anti-collision systems
H04N	Television systems

B60Q1/00

Arrangements or adaptations of optical signalling or lighting devices (for lighting vehicle interior [B60Q3/00](#); [N: circuit arrangements for electric light sources in general [H05B37/00](#)])

- B60Q1/00A . [N: Devices preventing the lights from becoming dirty or damaged (protecting lighting devices from damage in general [F21V15/00](#)), e.g. protection grids (fastening of grids or protective cages in general [F21V17/00](#)), cleaning by air flow (windshield wipers for cleaning optical devices of vehicles [B60S1/04](#))] [C0302]
- B60Q1/00B . [N: with light guides for distributing the light between several lighting or signalling devices (using light guides inside a single device F21S8/00, light guides per se G02B6/00L)] [C0605]
- B60Q1/00C . [N: Devices integrating an element dedicated to another function] [N0603]
- B60Q1/00C1 . . [N: the element being a sensor, e.g. distance sensor, camera] [N0603]
- B60Q1/00G . [N: Spatial arrangement] [N0603]
- B60Q1/00G1 . . [N: relative to the vehicle] [N0603]
- B60Q1/00G2 . . [N: of several lamps in relation to each other] [N0603]
- B60Q1/00G2B . . . [N: Signalling unit mounted on a headlamp unit] [N0603]
- B60Q1/00G2C . . . [N: concentric] [N0603]
- B60Q1/00G2S . . . [N: Stacked, i.e. one lamp located behind the other in the optical axis direction] [N1204]
- B60Q1/00M . [N: with provision for maintenance, e.g. changing the light bulb (swivel arrangements B60Q1/04B2; fastening of covers F21V17/00M; changing light sources in general F21V19/04; fastening of light sources or lamp holders F21V19/00M, F21V19/00Q)] [N0603]
- B60Q1/00M1 . . [N: via a removable cap (fastening of the light source by a cap holding the light source F21V19/00M, F21V19/00Q)] [N0603]
- B60Q1/00S . [N: Switches therefor ([B60Q1/14M](#), [B60Q1/34C](#), [B60Q1/40](#) take precedence, arrangements or fitting of control knobs on dashboard [B60K37/06](#))] [N0012] [C0302]
- B60Q1/00S2 . . [N: mounted on the steering wheel] [N0012]
- B60Q1/00T . [N: Details of electrical connections (B60Q1/30B takes precedence; electrical connectors in general H01R; electrical connection of the light source itself F21V19/00M2, F21V19/00Q2)] [N0603] [C0701]
- B60Q1/00T1 . . [N: 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 F21V17/00M2, F21V17/00Q2, F21V19/00M2, F21V19/00Q2)] [N0603]
- B60Q1/02 . the devices being primarily intended to illuminate the way ahead or to illuminate other areas of way or environments
- B60Q1/04 . . the devices being headlights
- B60Q1/04B . . . [N: built into the vehicle body, e.g. details concerning the mounting of the headlamps on the vehicle body (B60Q1/04F, B60Q1/05 take precedence, integrated front ends B62D25/00)] [N1204]
- B60Q1/04B1 [N: the housing being mounted on the vehicle body using rails] [N0612]
- B60Q1/04B2 [N: the housing being swivel mounted on the vehicle body] [N0612]
- B60Q1/04B3 [N: the housing being fastened onto the vehicle body using screws (adjustable headlamp by rotation of a screw B60Q1/068A)] [N0612]
- B60Q1/04B4 [N: the housing being fastened onto the vehicle body using means other than screws] [N0612]

B60Q1/04B5	. . . .	[N: with provision for adjusting the alignment of the headlamp housing with respect to the vehicle body (adjusting the light beam B60Q1/06)] [N1205]
B60Q1/04B10	. . . .	[N: the front cover being directly mounted onto the vehicle body (mounting the cover on the housing F21V17/00M)] [N0612]
B60Q1/04B20	. . . .	[N: with arrangement for sealing the headlamp with respect to the vehicle body, or for concealing gaps between the headlamp and the vehicle body] [N0612]
B60Q1/04B30	. . . .	[N: with provisions for pre-mounting, for temporary holding the headlamp before or during final mounting] [N1204]
B60Q1/04C	. . . .	[N: mounted on a bracket, e.g. details concerning the mounting of the lamps on the vehicle body] [C0302]
B60Q1/04F	. . . .	[N: Shock absorbing devices therefor (resilient mounting of lighting devices in general F21V15/04; shock absorbing devices in general F16F15/04)] [N0302]
B60Q1/05	. . . .	Retractable
B60Q1/06	. . . .	adjustable, e.g. remotely controlled from inside vehicle (B60Q1/05 takes precedence; [N: changing the characteristics or distribution of the light by adjustment of parts, e.g. reflectors, light sources, lenses, screens F21V14/00])
B60Q1/064	. . . .	by fluid means
B60Q1/068	. . . .	by mechanical means
B60Q1/068A	. . . . .	[N: Adjustable by rotation of a screw]
B60Q1/068A1	. . . . .	[N: using a position indicator mounted on the headlight and permanently attached thereto] [N9811]
B60Q1/072	. . . . .	comprising a flexible element, e.g. chain
B60Q1/076	. . . . .	by electrical means [N: including means to transmit the movements, e.g. shafts or joints] [N1204]
B60Q1/08	. . . . .	automatically
B60Q1/08G	. . . . .	[due to special conditions, e.g. adverse weather, type of road, badly illuminated road signs or potential dangers (B60Q1/10, B60Q1/12, B60Q1/14C1 take precedence)] [N1204]
B60Q1/10	. . . . .	due to vehicle inclination, e.g. due to load distribution
B60Q1/105	. . . . .	by fluid means
B60Q1/11	. . . . .	by mechanical means
B60Q1/115	. . . . .	by electric means [N: (details of the electric drive components, e.g. motors, shafts, ball joints B60Q1/076)] [N1204]
B60Q1/12	. . . . .	due to steering position
B60Q1/12B	. . . . .	[N: with fluid actuating means]
B60Q1/12D	. . . . .	[N: with electrical actuating means (details of the electric drive components, e.g. motors, shafts, ball joints B60Q1/076)] [N1204]
B60Q1/124	. . . . .	by mechanical means
B60Q1/14	. . . .	having dimming means [N: (lighting power supply circuits in general H05B)] [C0302]
B60Q1/14B	. . . .	[N: General lighting circuits comprising dimming circuits (dimming circuits per se B60Q1/14C)] [C0302]
B60Q1/14C	. . . .	[N: Dimming circuits]
B60Q1/14C1	. . . . .	[N: Automatic dimming circuits, i.e. switching between high beam and low beam due to change of ambient light or light level in road traffic] [N1204]
B60Q1/14C1B	. . . . .	[N: combined with another condition, e.g. using vehicle recognition from camera images or activation of wipers] [N1204]

B60Q1/14E	. . . .	[N: Actuating means for dimming masks or screens (adjustable screens per se F21V11/04)] [C0302]
B60Q1/14M	. . . .	[N: controlled by mechanically actuated switches] [N0012]
B60Q1/14M2	. . . . .	[N: Hand actuated switches] [N0012]
B60Q1/14M2C	. . . . .	[N: Multifunction switches for dimming headlights and controlling additional devices, e.g. for controlling direction indicating lights] [N0012]
B60Q1/14M2C3	. . . . .	{7 dots} [N: controlled by or attached to a single lever, e.g. steering column stalk switches] [N0012]
B60Q1/14M2C3B	. . . . .	{8 dots} [N: comprising switch controlling means located near the free end of the lever, e.g. press buttons, rotatable rings] [N0012]
B60Q1/14M2C5	. . . . .	{7 dots} [N: mounted on the steering wheel] [N0012]
B60Q1/14M4	. . . . .	[N: Foot actuated switches] [N0012]
B60Q1/16	. . .	illuminating the way asymmetrically
B60Q1/18	. . .	being additional front lights [N: (bracket mounted headlights B60Q1/04C)]
B60Q1/20	. . . .	Fog lights [N: (single shaped beam lighting devices specially adapted for vehicles for penetrating fog or preventing glare F21S8/12)] [C0302]
B60Q1/22	. .	for reverse drive [N1204]
B60Q1/24	. .	for lighting other areas than only the way ahead
B60Q1/24B	. . .	[N: using spotlights adjustable from within the vehicle (adjustable headlights B60Q1/06)] [N9504]
B60Q1/26	. .	the devices being primarily intended to indicate the vehicle, or parts thereof, or to give signals, to other traffic [N: (such devices mounted on the vehicle rear part F21S48/20 ; means for the lighting or illuminating of aerials, e.g. for purpose of warning H01Q1/06)] [M1202]
B60Q1/26A	. .	[N: Attenuation of the light according to ambient luminosity, e.g. for braking or direction indicating lamps]
B60Q1/26B	. .	[N: comprising at least two indicating lamps]
B60Q1/26D	. .	[N: Indicating devices mounted on the roof of the vehicle (flashing light sources in general F21S10/06)] [C0302]
B60Q1/26E	. .	[N: mounted on the vehicle body, e.g. with magnets] [N1205]
B60Q1/26G	. .	[N: built in the vehicle body] [N1205]
B60Q1/26G2	. . .	[N: Details of the fastening means] [N1205]
B60Q1/26G2A	. . . .	[N: Screw-nut fasteners] [N1205]
B60Q1/26G2B	. . . .	[N: Snap-in fasteners] [N1205]
B60Q1/26G2C	. . . .	[N: Fastening by rotating the device housing about its longitudinal axis, e.g. bayonet fasteners] [N1205]
B60Q1/26G4	. . .	[N: Positioning the device housing by indexing means separate from the fastening means, e.g. pins, rails] [N1205]
B60Q1/26G6	. . .	[N: with provision for adjusting the alignment of the device housing with respect to the vehicle body] [N1205]
B60Q1/26G6A	. . . .	[N: using dowels or expansible elements] [N1205]
B60Q1/26G8	. . .	[N: with provision for pre-mounting or temporary holding the device before or during final mounting] [N1205]
B60Q1/26G10	. . .	[N: with arrangement for sealing the device with respect to the vehicle body, or for concealing gaps between the device and the vehicle body] [N1205]

B60Q1/26H	. .	[N: mounted on a shaft, e.g. telescopic (lamps on antennas or powerlines F21S8/00Q8)] [C0302]
B60Q1/26J	. .	[N: mounted on parts having other functions (on wheels B60Q1/32D)] [C0605]
B60Q1/26J2	. . .	[N: on rear-view mirrors (lighting devices for vehicle interior on or for rear-view mirrors B60Q3/02B12; adaptations or arrangements of mirrors for use on cycles B62J29/00; rear-view mirror arrangements B60R1/02; mirror assemblies combined with lamps B60R1/12A)] [N0603]
B60Q1/26J4	. . .	[N: on door or boot handles (lighting devices for vehicle interior on door handles B60Q3/02B14; vehicle doors B60J5/00 illuminating devices on or for locks or keys E05B17/10; Keyhole finders E05B15/08)] [N0603]
B60Q1/26J6	. . .	[N: on parts worn by the driver, e.g. clothes (professional or sporting clothes with reflecting or luminous means A41D13/01), gloves (protective gloves with reflecting or luminous means A41D19/015L), or bags, specially adapted to provide auxiliary vehicle signalling] [N0603] [C0902]
B60Q1/26J6H	. . . .	[N: Helmets (helmets in general A42B3/00; helmets with signalling or lighting devices A42B3/04B6)] [N0603]
B60Q1/26J8	. . .	[N: on windscreens or windows (B60Q1/30A takes precedence; windows or windscreens in general B60J1/00 ; lighting devices for vehicle interior on or for windows B60Q3/02B2)] [N0603]
B60Q1/26J10	. . .	[N: on wipers or windscreen washers (vehicle wipers B60S1/04; windscreen washers B60S1/46)] [N0603]
B60Q1/26J12	. . .	[N: on exhaust pipes (exhaust or silencing apparatuses in general F01N)] [N0603]
B60Q1/26K	. .	[N: retractable lights (retractable headlights B60Q1/05)]
B60Q1/26L	. .	[N: Mounting of devices using LEDs (fastening of LEDs on printed circuits F21V19/00B)] [N1204]
B60Q1/28	. .	for indicating front of vehicle
B60Q1/30	. .	for indicating rear of vehicle, e.g. by means of reflecting surfaces
B60Q1/30A	. . .	[N: mounted in the vicinity, e.g. in the middle, of a rear window] [C0302]
B60Q1/30B	. . .	[N: Indicating devices for towed vehicles]
B60Q1/30C	. . .	[N: mounted on loading platforms (warning signals on loading platforms B60P1/44K)] [N1204]
B60Q1/32	. .	for indicating vehicle sides, [N: e.g. clearance lights] [C0302]
B60Q1/32D	. . .	[N: on or for doors or running boards, e.g. to facilitate acces to the vehicle (illumination of door locks E05B17/10)] [N0508] [C0701]
B60Q1/32W	. . .	[N: on or for wheels] [N0508]
B60Q1/34	. .	for indicating change of drive direction (B60Q1/22 takes precedence) [N1204]
B60Q1/34C	. . .	[N: Manually actuated switching arrangements therefor (Hand actuated multifunction switches B60Q1/14M2C ; B60Q1/40 takes precedence)] [N0302]
B60Q1/34D	. . .	with automatic actuation [N1204]
B60Q1/36	. . .	using movable members, e.g. arms with built-in flashing lamps
B60Q1/38	. . .	using immovably-mounted light sources, e.g. fixed flashing lamps [C0302]
B60Q1/38B	. . . .	[N: Electronic temporisation with semiconductor amplification]
B60Q1/38C	. . . .	[N: Electronic temporisation with relay amplification]
B60Q1/38D	. . . .	[N: Mechanical temporisation]
B60Q1/40	. . .	having [N: mechanical, electric or electronic] automatic return to inoperative position [C0302]
B60Q1/42	. . . .	[N: having mechanical automatic return to inoperative position] due to

- steering-wheel position, [N: e.g. with roller wheel control] [C0302]
- B60Q1/42A [N: using a latching element for resetting a switching element (Hand actuated multifunction switches [B60Q1/14M2C](#))] [C0302]
- B60Q1/44 . . for indicating braking action or preparation for braking, [N: e.g. by detection of the foot approaching the brake pedal] [N1204]
- B60Q1/44B . . . [N: Electric switches operable by the driver's pedals (electric switches in general [H01H](#))]
- B60Q1/44C . . . [N: visible on the front side of the vehicle, e.g. for pedestrians] [N9504]
- B60Q1/44E . . . [N: with indication of the braking strength or speed changes, e.g. by changing shape or intensity of the indication (B60Q1/14B, B60Q1/44C, B60Q1/44G2 take precedence)] [N1204]
- B60Q1/44G . . . [N: controlled by inertial devices][N0302]
- B60Q1/44G2 [N: with indication of the braking strength or speed changes, e.g. by changing the shape or intensity of the indication] [N0302]
- B60Q1/44K . . . [N: specially adapted for vehicles with ABS] [N0302]
- B60Q1/46 . . for giving flashing caution signals during drive, other than signalling change of direction, e.g. flashing the headlights, [N: hazard lights (flashing lights in general [F21S10/06](#))] [C0302]
- B60Q1/48 . . for parking purposes [N: (warning arrangements in garages [E04H6/42](#))] [C0302]
- B60Q1/48D . . . [N: for locating vehicle in parking lot] [N1204]
- B60Q1/48E . . . [N: for showing outline of vehicle] [N1204]
- B60Q1/48F . . . [N: for indicating that vehicle is in a parked state] [N1204]
- B60Q1/48G . . . [N: for indicating intention to park] [N1204]
- B60Q1/50 . . for indicating other intentions or conditions, e.g. request for waiting or overtaking
- B60Q1/50A . . . [N: using luminous text displays]
- B60Q1/50S . . . [N: for signaling silent vehicles, e.g. for warning that a hybrid or electric vehicle is approaching] [N1204]
- B60Q1/52 . . . for indicating emergencies [N: (braking indicating devices [B60Q1/44](#), portable emergency signal devices [B60Q7/00](#))] [C0302]
- B60Q1/52A [N: indicating risk of collision between vehicles or with pedestrians (using video cameras B62D1/00; Radars designed for anti-collision purposes between land vehicles or between land vehicle and fixed obstacles G01S13/93C; Control of position or course in two dimensions for land vehicles G05D1/02E; Anti-collision systems for road vehicles G08G1/16)] [N1204]
- B60Q1/54 . . . for indicating speed [N: outside of the vehicle (automatic vehicle speed controlling fittings including unintended speed signalling devices to the vehicle driver [B60K31/18](#))] [C0302]
- B60Q1/56 . . for illuminating registrations or the like, [N: e.g. for licence plates (license plates B60R13/10)] [N1204]

B60Q3/00 Arrangements or adaptations of lighting devices for vehicle interior

- B60Q3/00A . [N: manually adjustable, e.g. colours, orientation, intensity (automatically adjusted [B60Q3/02R](#))] [N0502] [C0607]
- B60Q3/00L . [N: using light guides] [N0502]
- B60Q3/00L1 . . [N: inside a single lighting device] [N0502]

B60Q3/00L2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: to distribute light between several lighting devices] [N0502]
B60Q3/00P	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: with means for electrical plugging into vehicle, e.g. in cigarette lighter, in special plug (arrangement of electrically heated lighters B60N3/14)] [N0502]
B60Q3/00V	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: using UV light] [N0502]
B60Q3/02	<ul style="list-style-type: none"> for lighting passenger or driving compartment
B60Q3/02A	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Details of mounting onto vehicle interior, e.g. onto ceiling, floor (mounting of lighting devices F21V21/04, vehicle liners B60R13/02, connectors H01R33/00)] [N0502]
B60Q3/02A1	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Modular mounting systems, e.g. using tracks, rails, multiple plugs (for lighting devices in general F21V21/005)] [N0502]
B60Q3/02B	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: mounted onto or for lighting specific vehicle fittings] [N0009] [C0502]
B60Q3/02B2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for sun roofs, or windows (windows per se B60J1/00, sun roofs per se B60J7/00)] [N0502] [C0505]
B60Q3/02B4	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for doors or steps (vehicle doors B60J5/00)] [N0502]
B60Q3/02B6	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for small compartments, e.g. glove compartment (stowing small appliances in vehicles B60R7/00)] [N0502]
B60Q3/02B8	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for seats, arm rests or head rests (vehicle seats per se B60N2/00)] [N0502] [C0505]
B60Q3/02B10	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for sun visors (sun visors per se B60J3/02B)] [N0502] [C0505]
B60Q3/02B12	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for rear view mirrors (rear view mirror per se B60R1/00)] [N0502] [C0505]
B60Q3/02B14	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for door handles or hand grabs (door handles per se B60N3/02)] [N0502]
B60Q3/02B16	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for smoking related tools, e.g. cigarette lighters, ashtrays (cigarette lighters B60N3/14, ashtrays B60N3/08B)] [N0502] [C0505]
B60Q3/02B18	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: on or for steering wheel or gear shift (steering wheels B62D1/04, gear shifts B60K20)] [N0502] [C0505]
B60Q3/02B20	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: others, e.g. cup holders, ignition locks (lighting for door locks E05B15/08, E05B17/10)] [N0502] [C0701]
B60Q3/02D	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: for mass transit vehicles (B60Q3/02B, B60Q3/04 take precedence, illumination of sides, boards or panels in general G09F13)] [N0009]
B60Q3/02D2	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Overall lighting] [N0505]
B60Q3/02D4	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Specific lighting, e.g. reading lamps] [N0505]
B60Q3/02D6	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Emergency lighting, e.g. escape routes (illumination of emergency signs G09F13)] [N0505]
B60Q3/02D8	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Circuits or control therefore] [N0505]
B60Q3/02E	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Mounted on a shaft (for lighting devices in general F21V21/26 and F21V21/32)] [N0502]
B60Q3/02F	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Retractable, concealable lamps] [N0502]
B60Q3/02G	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: with provision for being portable (portable lighting devices in general F21L)] [N0502]
B60Q3/02H	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: Specifically arranged for convertibles] [N0502]
B60Q3/02J	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: additional interior lighting specifically arranged to prevent conductor dazzling, e.g. by constricting the conductor's pupil] [N0502]
B60Q3/02N	<ul style="list-style-type: none"> <ul style="list-style-type: none"> [N: 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 F21V17/00 , F21V19/00 and F21V23/00]] [N0502]
B60Q3/02N2	. . . [N: using lighting panels or mats, e.g. electro-luminescent panels, LED mats (electroluminescent light sources H05B33/00)] [N0502]
B60Q3/02P	. . [N: Specific lighting, e.g. reading lamps, directional or focussed lighting towards small surfaces, e.g. using blends (fastening of components within lighting devices F21V17/00 , F21V19/00 and F21V23/00)] [N0502]
B60Q3/02Q	. . [N: Strip lighting, edge marking, e.g. using elongated light sources along or around parts to be illuminated] [N0502]
B60Q3/02R	. . [N: circuits or control for interior lights (circuits for light sources in general H05B37/00 and H05B39/00 , for electric vehicles B60L1/14 , electronic switching H03K17/00 , remote control H04Q9/00)] [N0502]
B60Q3/02S	. . [N: Switches specifically designed for interior lights, e.g. switching by tilting the lens (mechanical switches in general H01H , electronic switches in general H03K17/00 , arrangement of instruments in vehicles in general B60K35/00 and B60K37/00)] [N0502]
B60Q3/04	. . for dashboard [N: (lighting of individual instruments G01D, association of lighting devices with LCDs G02F1/1335)] [N1204]
B60Q3/04A	. . . [N: lighting onto the surface to be illuminated] [N0502]
B60Q3/04B	. . . [N: lighting through the surface to be illuminated] [N0502]
B60Q3/04R	. . . [N: Circuits or control therefore (for electric vehicles B60L1/14 ; electronic switching H03K17/00 ; remote control H04Q9/00 ; circuits for light sources in general H05B37/00 , H05B39/00)] [N0502]
B60Q3/04R1	. . . . [N: for varying the light intensity (controlling the light intensity of displays G09G; circuits for controlling the light intensity emitted by particular light sources H05B)] [N0502]
B60Q3/06	. for lighting compartments other than passenger or driving space, e.g. luggage or engine compartment
B60Q3/06G	. . [N: with provision for being portable (portable lighting devices in general F21L)] [N0607]
B60Q5/00	Arrangements or adaptations of acoustic signal devices [N: (sound producing devices in general G10K)] [C0302]
B60Q5/00S	. [N: Switches therefor] [N0012]
B60Q5/00S2	. . [N: mounted on the steering wheel] [N0012]
B60Q5/00V	. [N: automatically actuated] [N1204]
B60Q5/00V2	. . [N: indicating risk of collision between vehicles or with pedestrians (using video cameras B62D1/00; Radars designed for anti-collision purposes between land vehicles or between land vehicle and fixed obstacles G01S13/93C; Control of position or course in two dimensions for land vehicles G05D1/02E; Anti-collision systems for road vehicles G08G1/16)] [N1204]
B60Q5/00V4	. . [N : for signaling silent vehicles, e.g. for warning that a hybrid or electric vehicle is approaching] [N1204]
B60Q7/00	Arrangement or adaptation of portable emergency signal devices on [N: board] vehicles [N: to be placed on roadways or vehicles, e.g. warning triangles], (arrangements for enforcing caution on roads, e.g. marker posts, E01F9/00; signs G09F, e.g. reflecting warning triangles G09F13/16) [C0203]

- B60Q7/00A . [N: Devices without lamps]
- B60Q7/02 . to be attached to overhanging loads or extending parts of vehicle
- B60Q9/00** **Arrangements or adaptations of signal devices not provided for in one of the preceding main groups, [N: e.g. haptic signalling] [C0302]**
- B60Q9/00B . [N: Alarm devices when the motor is stopped and the lights are on]
- B60Q9/00D . [N: 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 E04H6/42)] [N1204]
- B60Q9/00D2 . . [N: using physical contactors, e.g. arms that trigger alarm upon contact with obstacle] [N1204]
- B60Q9/00D4 . . [N: using wave sensors (radar designed for anti-collision purposes between land vehicles or between land vehicles and fixed obstacles G01S13/93C)] [N1204]
- B60Q9/00D4B . . . [N: using a video camera] [N1204]
- B60Q9/00D4D . . . [N: using a distance sensor] [N1204]
- B60Q9/00D10 . . [N: providing information about the distance to an obstacle, e.g. varying sound] [N1204]
- B60Q9/00E . [N: for anti-collision purposes] [N1204]
- B60Q11/00** **Arrangements of monitoring devices for devices provided for in groups [B60Q1/00](#) to [B60Q9/00](#) [N: (testing of electric installations on road vehicle [G01R31/00](#))] [C0302]**
- B60Q11/00A . [N: Emergency driving lights in the event of failure of the principal lighting circuit]
- B60Q11/00B . [N: for lighting devices, e.g. indicating if lamps are burning or not]
- B60Q11/00B2 . . [N: the lighting devices indicating change of drive direction (change of drive direction indicators [B60Q1/34](#))]