

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 363

DATE: FEBRUARY 1, 2017

PROJECT RP0403

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	B60Q	3/001, 3/002, 3/004, 3/005, 3/007, 3/008, 3/02, 3/0203, 3/0206, 3/0209, 3/0213, 3/0216, 3/022, 3/0223, 3/0226, 3/023, 3/0233, 3/0236, 3/024, 3/0243, 3/0246, 3/025, 3/0253, 3/0256, 3/0259, 3/0263, 3/0266, 3/0269, 3/0273, 3/0276, 3/0279, 3/0283, 3/0286, 3/0289, 3/0293, 3/0296, 3/04, 3/042, 3/044, 3/046, 3/048, 3/06, 3/065
Symbols newly created:	B60Q	3/10, 3/12, 3/14, 3/16, 3/18, 3/20, 3/208, 3/217, 3/225, 3/233, 3/242, 3/252, 3/258, 3/267, 3/275, 3/283, 3/292, 3/30, 3/35, 3/40, 3/41, 3/43, 3/44, 3/46, 3/47, 3/49, 3/50, 3/51, 3/53, 3/54, 3/56, 3/57, 3/59, 3/60, 3/62, 3/64, 3/66, 3/68, 3/70, 3/72, 3/74, 3/745, 3/76, 3/78, 3/80, 3/82, 3/85, 3/88
Title wording change:	B60K	37/02
	B60Q	subclass
	B60Q	3/00, 7/00
Modified Definitions (no frozen (F) symbol definitions should be deleted):	B60K	37/02
	B60Q	subclass
	B60Q	3/00, 700
	G12B	11/00
Scheme Warning Notices to be added:	B60Q	3/00, 3/20, 3/242, 3/292, 3/40, 3/50, 3/54, 3/60, 3/70

The following subclasses/groups are also impacted by this Notice of Change: A44B, B32B, B60K, B60N, B60Q, B60R, G01D, and G02B

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)

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2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

B60K - ARRANGEMENT OR MOUNTING OF PROPULSION UNITS OR OF TRANSMISSIONS IN VEHICLES; ARRANGEMENT OR MOUNTING OF PLURAL DIVERSE PRIME-MOVERS IN VEHICLES; AUXILIARY DRIVES FOR VEHICLES; INSTRUMENTATION OR DASHBOARDS FOR VEHICLES; ARRANGEMENTS IN CONNECTION WITH COOLING, AIR INTAKE, GAS EXHAUST OR FUEL SUPPLY OF PROPULSION UNITS, IN VEHICLES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B60K37/02	1	Arrangement of instruments (arrangement of lighting devices for dashboards B60Q 3/10)	

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

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B60Q		ARRANGEMENT OF SIGNALLING OR LIGHTING DEVICES, THE MOUNTING OR SUPPORTING THEREOF OR CIRCUITS THEREFOR, FOR VEHICLES IN GENERAL	
C	B60Q3/00	0	Arrangement of lighting devices for vehicle interiors; Lighting devices specially adapted for vehicle interiors	B60Q 3/00, B60Q3/40, B60Q3/50, B60Q3/54, B60Q3/60, B60Q3/70
D	B60Q3/001	1	{manually adjustable, e.g. colours, orientation, intensity (automatically adjusted B60Q3/0293)}	<administrative transfer to B60Q3/85>
D	B60Q3/002	1	{using light guides}	<administrative transfer to B60Q3/62>
D	B60Q3/004	2	{inside a single lighting device}	<administrative transfer to B60Q3/64>
D	B60Q3/005	2	{to distribute light between several lighting devices}	<administrative transfer to B60Q3/66>
D	B60Q3/007	1	{with means for electrical plugging into vehicle, e.g. in cigarette lighter, in special plug (arrangement of electrically heated lighters B60N3/14)}	<administrative transfer to B60Q3/88>
D	B60Q3/008	1	{using UV light}	<administrative transfer to B60Q3/68>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	B60Q3/02	1	for lighting passenger or driving compartment	<administrative transfer to B60Q 3/20>
D	B60Q3/0203	2	{Details of mounting onto vehicle interior, e.g. onto ceiling, floor (mounting of lighting devices F21V21/04, vehicle liners B60R13/02, connectors H01R33/00)}	<administrative transfer to B60Q3/51>
D	B60Q3/0206	3	{Modular mounting systems, e.g. using tracks, rails, multiple plugs (for lighting devices in general F21V21/005)}	<administrative transfer to B60Q3/53>
D	B60Q3/0209	2	{mounted onto or for lighting specific vehicle fittings}	<administrative transfer to B60Q3/20>
D	B60Q3/0213	3	{on or for sun roofs, or windows (windows per se B60J1/00, sun roofs per se B60J7/00)}	<administrative transfer to B60Q3/208>
D	B60Q3/0216	3	{on or for doors or steps (vehicle doors B60J5/00)}	<administrative transfer to B60Q3/217>
D	B60Q3/022	3	{on or for small compartments, e.g. glove compartment (stowing small appliances in vehicles B60R7/00)}	<administrative transfer to B60Q3/225>
D	B60Q3/0223	3	{on or for seats, arm rests or head rests (vehicle seats per se B60N2/00)}	<administrative transfer to B60Q3/233>
D	B60Q3/0226	3	{on or for sun visors (sun visors per se B60J3/0204)}	<administrative transfer to B60Q3/252>
D	B60Q3/023	3	{on or for rear view mirrors (rear view mirror per se B60R1/00)}	<administrative transfer to B60Q3/258>
D	B60Q3/0233	3	{on or for door handles or hand grabs (door handles per se B60N3/02)}	<administrative transfer to B60Q3/267>
D	B60Q3/0236	3	{on or for smoking related tools, e.g. cigarette lighters, ashtrays (cigarette lighters B60N3/14, ashtrays B60N3/083)}	<administrative transfer to B60Q3/275>
D	B60Q3/024	3	{on or for steering wheel or gear shift (steering wheels B62D1/04, gear shifts B60K20/00)}	<administrative transfer to B60Q3/283>
D	B60Q3/0243	3	{others, e.g. cup holders, ignition locks (lighting for door locks E05B15/08, E05B17/10)}	<administrative transfer to B60Q3/20>
D	B60Q3/0246	2	{for mass transit vehicles (B60Q3/0209, B60Q3/04 take precedence, illumination of sides, boards or panels in general G09F13/00)}	<administrative transfer to B60Q3/41>
D	B60Q3/025	3	{Overall lighting}	<administrative transfer to B60Q3/43>
D	B60Q3/0253	3	{Specific lighting, e.g. reading lamps}	<administrative transfer to B60Q3/44>
D	B60Q3/0256	3	{Emergency lighting, e.g. escape routes (illumination of emergency signs G09F13/00)}	<administrative transfer to B60Q3/46>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B60Q3/0259	3	{Circuits or control therefore}	<administrative transfer to B60Q3/47>
D	B60Q3/0263	2	{Mounted on a shaft (for lighting devices in general F21V21/26 and F21V21/32)}	<administrative transfer to B60Q3/56>
D	B60Q3/0266	2	{Retractable, concealable lamps}	<administrative transfer to B60Q3/57>
D	B60Q3/0269	2	{with provision for being portable (portable lighting devices in general F21L)}	<administrative transfer to B60Q3/59>
D	B60Q3/0273	2	{Specifically arranged for convertibles}	<administrative transfer to B60Q3/49>
D	B60Q3/0276	2	{additional interior lighting specifically arranged to prevent conductor dazzling, e.g. by constricting the conductor's pupil}	<administrative transfer to B60Q3/72>
D	B60Q3/0279	2	{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)}	<administrative transfer to B60Q3/74>
D	B60Q3/0283	3	{using lighting panels or mats, e.g. electro-luminescent panels, LED mats (electroluminescent light sources H05B33/00)}	<administrative transfer to B60Q3/745>
D	B60Q3/0286	2	{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)}	<administrative transfer to B60Q3/76>
D	B60Q3/0289	2	{Strip lighting, edge marking, e.g. using elongated light sources along or around parts to be illuminated}	<administrative transfer to B60Q3/78>
D	B60Q3/0293	2	{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)}	<administrative transfer to B60Q3/80>
D	B60Q3/0296	2	{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)}	<administrative transfer to B60Q3/82>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B60Q3/04	2	for dashboard {(lighting of individual instruments G01D, association of lighting devices with LCDs G02F1/1335)}	<administrative transfer to B60Q 3/10>
D	B60Q3/042	3	{lighting onto the surface to be illuminated}	<administrative transfer to B60Q3/12>
D	B60Q3/044	3	{lighting through the surface to be illuminated}	<administrative transfer to B60Q3/14>
D	B60Q3/046	3	{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)}	<administrative transfer to B60Q3/16>
D	B60Q3/048	4	{for varying the light intensity (controlling the light intensity of displays G09G; circuits for controlling the light intensity emitted by particular light sources H05B)}	<administrative transfer to B60Q3/18>
D	B60Q3/06	1	for lighting compartments other than passenger or driving space, e.g. luggage or engine compartment	<administrative transfer to B60Q 3/30>
D	B60Q3/065	2	{with provision for being portable (portable lighting devices in general F21L)}	<administrative transfer to B60Q 3/35>
N	B60Q3/10	1	for dashboards	
N	B60Q3/12	2	lighting onto the surface to be illuminated	
N	B60Q3/14	2	lighting through the surface to be illuminated	
N	B60Q3/16	2	Circuits; Control arrangements	
N	B60Q3/18	3	for varying the light intensity	
Q	B60Q3/20	1	for lighting specific fittings of passenger or driving compartments; mounted on specific fittings of passenger or driving compartments (lighting for dashboards B60Q 3/10)	B60Q 3/20, B60Q3/242, B60Q3/292
N	B60Q3/208	2	Sun roofs; Windows	
N	B60Q3/217	2	Doors, e.g. door sills; Steps	
N	B60Q3/225	2	Small compartments, e.g. glove compartments	
N	B60Q3/233	2	Seats; Arm rests; Head rests	
N	B60Q3/242	2	Safety belts; Body harnesses	
N	B60Q3/252	2	Sun visors	
N	B60Q3/258	2	Rear-view mirrors	
N	B60Q3/267	2	Door handles; Hand grips	
N	B60Q3/275	2	Smoking-related fittings, e.g. cigarette lighters or ashtrays	
N	B60Q3/283	2	Steering wheels; Gear levers	
N	B60Q3/292	2	Ignition locks	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B60Q3/30	1	for compartments other than passenger or driving compartments, e.g. luggage or engine compartments	
N	B60Q3/35	2	Portable lighting devices	
N	B60Q3/40	1	specially adapted for specific vehicle types	
N	B60Q3/41	2	for mass transit vehicles, e.g. buses	
N	B60Q3/43	3	General lighting	
N	B60Q3/44	3	Spotlighting, e.g. reading lamps	
N	B60Q3/46	3	Emergency lighting, e.g. for escape routes	
N	B60Q3/47	3	Circuits; Control arrangements	
N	B60Q3/49	2	for vehicles with non-fixed roofs, e.g. convertibles	
N	B60Q3/50	1	Mounting arrangements (for compartments other than passenger or driving compartments B60Q 3/30; specially adapted for specific vehicle types B60Q 3/40)	
N	B60Q3/51	2	for mounting lighting devices onto vehicle interior, e.g. onto ceiling or floor	
N	B60Q3/53	3	Modular mounting systems, e.g. using tracks, rails or multiple plugs	
N	B60Q3/54	2	Lighting devices embedded in interior trim, e.g. in roof liners	
N	B60Q3/56	2	Lighting devices mounted on elongate supports, e.g. on flexible arms	
N	B60Q3/57	2	Retractable or concealable lighting devices	
N	B60Q3/59	2	Lighting devices mounted in the vehicle interior and adapted for portability	
N	B60Q3/60	1	characterised by optical aspects	
N	B60Q3/62	2	using light guides	
N	B60Q3/64	3	for a single lighting device	
N	B60Q3/66	3	for distributing light among several lighting devices	
N	B60Q3/68	2	using ultra-violet light	
N	B60Q3/70	1	characterised by the purpose	
N	B60Q3/72	2	for preventing the driver from being dazzled	
N	B60Q3/74	2	for overall compartment lighting; for overall compartment lighting in combination with specific lighting, e.g. room lamps with reading lamps (general lighting mounted on specific fittings B60Q 3/20; general lighting for mass transit vehicles B60Q 3/43)	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B60Q3/745	3	{using lighting panels or mats, e.g. electro-luminescent panels, LED mats }	
N	B60Q3/76	2	for spotlighting, e.g. reading lamps (spotlighting on or for specific fittings B60Q 3/20; spotlighting in mass transit vehicles B60Q 3/44)	
N	B60Q3/78	2	for generating luminous strips, e.g. for marking trim component edges	
N	B60Q3/80	1	Circuits; Control arrangements (for dashboards B60Q 3/16; for mass transit vehicles B60Q 3/47)	
N	B60Q3/82	2	Switches specially adapted for vehicle interior lighting, e.g. switching by tilting the lens	
N	B60Q3/85	2	for manual control of the light, e.g. of colour, orientation or intensity	
N	B60Q3/88	2	Means for plugging to the electrical power supply of the vehicle, e.g. by using cigarette lighter sockets	
M	B60Q7/00	0	Arrangement or adaptation of portable emergency signal devices on vehicles	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except "D" which requires only a symbol.
- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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B. New, Modified or Deleted Warning Notice(s)

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

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	B60Q 3/00		Group B60Q3/00 is impacted by reclassification into groups B60Q3/40, B60Q3/50, B60Q3/54, B60Q3/60, and B60Q3/70. All groups listed in this Warning should be considered in order to perform a complete search.
N	B60Q3/20		Group B60Q3/20 is impacted by reclassification into groups B60Q3/242 and B60Q3/292. All groups listed in this Warning should be considered in order to perform a complete search.
N	B60Q3/242		Group B60Q3/242 is incomplete pending reclassification of documents from group B60Q3/20. Groups B60Q3/20 and B60Q3/242 should be considered in order to perform a complete search.
N	B60Q3/292		Group B60Q3/292 is incomplete pending reclassification of documents from group B60Q3/20. Groups B60Q3/20 and B60Q3/292 should be considered in order to perform a complete search.
N	B60Q 3/40		Group B60Q3/40 is incomplete pending reclassification of documents from group B60Q3/00. Groups B60Q3/00 and B60Q3/40 should be considered in order to perform a complete search.
N	B60Q 3/50		Group B60Q3/50 is incomplete pending reclassification of documents from group B60Q3/00. Groups B60Q3/00 and B60Q3/50 should be considered in order to perform a complete search.
N	B60Q3/54		Group B60Q3/54 is incomplete pending incomplete pending reclassification of documents from group B60Q3/00. Groups B60Q3/00 and B60Q3/54 should be considered in order to perform a complete search.
N	B60Q 3/60		Group B60Q3/60 is incomplete pending reclassification of documents from group B60Q3/00. Groups B60Q3/00 and B60Q3/60 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	B60Q 3/70		Group B60Q3/70 is incomplete pending reclassification of documents from group B60Q3/00. Groups B60Q3/00 and B60Q3/70 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (modified)

B60K 37/02

Definition statement

This place covers:

The adaptation of more than one instrument in the dashboard (combined instruments) to be arranged in a vehicle dashboard. The main group is in particular directed to the mechanical or electronic integration of instruments to become a combined instrument (interrelation between instruments).

Relationships with other classification places

B60K 35/00 is the general home for documents comprising vehicle related aspects of indication devices.

B60K 37/00 is directed to adaptation of instruments in vehicles in general, to combined instruments and to vehicle related aspects of input devices in dashboards.

Whilst B60K 35/00 is directed to the adaptation of instruments in a dashboard, B62D 25/14 is related to the (internal) structure of the dashboard itself and to dashboards as superstructure sub units (e.g. dashboard structure, fixation).

Whilst B60K 35/00 is directed to the adaptation of vehicle instruments to the dashboard, B60R 11/00 is directed to mounting of electronic devices to dashboard (see in particular B60R 2011/0005).

References

Limiting references

This place does not cover:

Delete the **existing table**.

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Replace with the following table:

Arrangement of lighting devices for dashboards	B60Q 3/10
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Informative references*Attention is drawn to the following places, which may be of interest for search:*Delete the **existing table**.Replace with the following table:

Measuring vehicle parameters	B60R 16/0232
Circuits relating to the driving or the functioning of the vehicle	B60R 16/0232
Display devices for vehicle air conditioning	B60H 1/00985
Adaptations on rotatable parts of the steering wheel for accommodation of switches	B62D1/046
Dashboard as superstructure	B62D25/14
Indicator lights, e.g. for mounting on control panels or dashboards	F21S8/10
Measuring distance	G01C
Navigation	G01C21/00
Devices specially adapted for navigation in a road network	G01C 21/26
Measuring combinations of speed and distance	G01C 23/00
Indicating measures values (analogue and digital)	G01D7/00
Components of measuring arrangements	G01D11/00
Components of indicators	G01D13/00
Engine indicators	G01L
Measuring speed or acceleration	G01P
Battery indicators	G01R31/3686
Head-up displays (HUD)	G02B27/01
Touch screen	G06F 3/0488
User interface programs, e.g. command shells, help systems	G06F 9/4443
Taximeters	G07B13/00
Toll collection	G07B15/00
(radio) receivers to be used in vehicles	H04B 1/082
Digital radio	H04H 20/00
Details of television systems	H04N 5/00

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Special rules of classification

In this main group it is highly desired to add vertical Indexing Codes for all main aspects of the invention

- either the invention is characterized by that aspect or
- the aspect can be regarded as non-standard solution in that context (e.g. the vehicle context: adapted to vehicle requirements, controlling vehicle functions, displaying vehicle relevant information, device specific to a vehicle type ...).

Vertical Indexing Codes to be used are B60K 2350/00 for aspects of input/output devices or features thereof, optical features of instruments, hardware adaptations, control system arrangements, structural details, mounting and perception or visibility of information. Further B60Y 2300/00 for purposes or special features of vehicle drive control systems, B60Y 2400/30 for sensors, and B60Y 2200/00 for the vehicle type.

This main group does not cover the structure of instruments if no vehicle related aspect is present (e.g. the mere mechanical or electronic structure of an instrument).

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

HUD	head-up display
LED	light emitting diode
OLED	organic light emitting diode
LCD	Liquid crystal display
TFT	thin film transistor
VFD	vacuum fluorescent display

Synonyms and Keywords

Delete the **existing section of text**.

Replace with the following text:

In patent documents, the following words/expressions are often used as synonyms:

- "dashboard liner", "cladding" and "padding"
- "instrument cluster", "combined instrument" and "combi instrument"

B60Q

Definition statement

This place covers:

The arrangement of lighting or signalling devices with relationship to the vehicle or to each other.

The mounting or supporting of lighting and signalling devices on the vehicle.

The circuits therefor.

The switches therefor.

The control and signal-initiating means therefor.

The monitoring therefor.

The devices mentioned being:

- for illuminating areas inside or outside a vehicle or for giving signals to the outside of the vehicle or to the vehicle occupants; and
- mounted to the vehicle in a fixed or adjustable manner or supported by the vehicle with the provision of being portable.

Relationships with other classification places

Subclass B60Q covers arrangements of lighting and signalling devices as a whole, i.e. as a complete unit dedicated to a given lighting or signalling function.

The relative arrangement of devices dedicated to different lighting or signalling functions within a single housing is also covered by B60Q.

Optical components (e.g. lenses, light sources) constituting of the lighting and signalling device itself are classified in other relevant classes and subclasses.

Arrangements of these optical components in relation to each other in order to generate a specific optical beam are covered by F21S 48/00.

Subclass B60Q covers arrangements of lighting and signalling devices mounted on vehicles in general, but not the arrangements of lighting and signalling devices specifically adapted to particular types of vehicles other than cars, trucks and buses; these are classified in the relevant subclasses for other types of vehicles. An exception

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to this are the arrangements of lighting and signalling devices specifically adapted to motorcycles which are classified in both subclasses B60Q and B62J.

Replace the **second use of the term “that”** in the following line with “than”:

Circuits for lighting and signalling devices that may have an application other than in a vehicle are also classified in H05B.

Subclass B60Q covers the mechanical arrangement of switches only if they apply to vehicle lighting and signalling. However B60Q covers the mechanical arrangement of all steering column stalk switches. Switches that may have an application other than in a vehicle are also classified in H01H.

References

Delete: **Limiting references and table.**

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete **the current table** under Informative references:

Replace with the following table:

Arrangements of cameras in vehicles	B60R 1/00
Vehicle electric circuits in general	B60R 16/00
Arrangement of lighting devices for rail vehicles	B61D29/00
Arrangement of signalling and lighting devices for bicycles	B62J6/00
Arrangement of signalling and lighting devices for ships	B63B45/00
Arrangement of signalling and lighting devices for aircrafts	B64D47/02
Mounting means	F16B
Lighting or signalling devices per se	F21S , F21V
Inter-vehicle communication for warning purposes	G08G 1/00
Illumination of logos, symbols, advertisement	G09F
Electric switches per se	H01H
Electric lighting not otherwise provided for	H05B

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Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

LED	Light Emitting Diode
-----	----------------------

Synonyms and Keywords

In patent documents the following abbreviations are often used:

DRL	Daytime Running Light
-----	-----------------------

B60Q 3/00

Definition statement

This place covers:

The arrangement or adaptation of devices on vehicles dedicated to illuminate in visible and non-visible wavelength range areas for parts located inside a vehicle.

The mounting therefor, also for adjustable devices.

The circuits therefor.

The switches specifically adapted therefor.

The manual or automatic control means therefor.

Illumination aspects of signal or indicator lamps and buttons.

Delete the current following section from “Further details...” to “subgroup of class F21”:

Replace with the following text:

Further details of subgroups

B60Q 3/62, B60Q 3/64, B60Q 3/66, B60Q 3/68, B60Q 3/85, B60Q 3/88

These subgroups apply to all lighting devices of B60Q 3/00.

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B60Q 3/51

This subgroup covers the mounting of a lighting device as a whole. Mounting of the lamp components, e.g. lens in relationship with housing, it is classified according to the lamp type (portable, retractable, room lamp, reading lamp, strip light, etc.).

B60Q 3/57

This subgroup does not cover devices where only a piece, e.g. the lens, is retractable.

B60Q 3/59

This subgroup covers lighting devices intended to be normally attached to the vehicle, with provision of being portable. Portable lamps that can be plugged into a vehicle socket are classified in F21L and B60Q3/88, not in B60Q3/59.

B60Q 3/72

This subgroup covers lighting devices specifically designed for the purpose of anti-dazzling, e.g. by adjusting the light intensity falling on the driver's eyes according to the light level in front of the vehicle. A reading lamp with a blend to prevent that the conductor is dazzled by the lamp is not classified here but in the specific lighting subgroup of class F21.

Relationships with other classification places

Arrangements or adaptations of lighting devices for the interior of aircrafts (B64D) and rail vehicles (B61D) are classified also in B60Q 3/00, because they are similar to arrangements in buses.

Replace "B60Q 3/04" with "B60Q 3/10" in the **two following paragraphs:**

Lighting devices for individual instruments are classified in G01D, but lighting devices for several instruments, e.g. lighting of a panel of instruments or light guide arrangements between several instruments, are classified in B60Q 3/10 and subgroups.

Signal or indicator lamps and buttons are classified in B60Q 3/10 for the general illumination aspect only; the application and control aspects are classified in the application group, e.g. the control of an indicator lamp for the air-conditioning should only be classified in B60H.

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References

Delete: **Limiting references and table.**

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete the **existing table.**

Replace with the following table:

Lighting devices for door or window locks	E05B 15/08, E05B 17/10
Portable lighting devices in general	F21L
Lighting devices for individual instruments, e.g. speedometers	G01D 11/28, G01D 13/265, G01D 13/28
Back-lighting of LCD screens	G02F 1/00
Illumination of logos, symbols, advertisement	G09F 13/00

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

LED	Light Emitting Diode
-----	----------------------

B60Q 7/00

Definition statement

This place covers:

The arrangement or adaptation of portable emergency signal devices on vehicles, whereby the device is:

- stored in the vehicle when not in use, and
- placed remote from the vehicle, or on extending parts or overhanging loads of the vehicle when in use.

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Relationships with other classification places

The arrangement or adaptation of portable or non-portable emergency signal devices placed on vehicles when in use is classified in B60Q 1/52.

References

Delete **Limiting references and table.**

Replace with the following **Informative references and table.**

Informative references

Attention is drawn to the following places, which may be of interest for search:

Arrangements for enforcing caution on roads, e.g. marker posts or traffic signals	E01F 9/00
Signs in general	G09F
Reflecting warning triangles	G09F 13/16

G12B 11/00

Definition statement

This place covers:

- Illuminating device of instruments in general.
- Indicating elements of instruments.

References

Delete **Limiting references and table.**

Replace with the following **References out of a residual place and table.**

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References out of a residual place*Examples of places in relation to which this place is residual:*

Structurally-combined illuminating devices for component parts of measuring arrangements not specially adapted for a specific variable	G01D 11/28
Component parts of indicators for measuring arrangements not specially adapted for a specific variable	G01D 13/00
Arrangements of scales, pointers, lamps, or acoustic indicators, e.g. in automobile speedometers	G01P 1/08
Dashboards	B60K 37/00
Arrangements of lighting devices for dashboards	B60Q 3/10

Informative references*Attention is drawn to the following places, which may be of interest for search:***Delete the current table.****Replace with the following table.**

Optical elements, systems, or apparatus	G02B
Indicating (displaying) arrangements for variable information	G09F 9/00, G09F 11/00

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	B60Q 3/00	B60Q 3/00, B60Q3/40, B60Q3/50, B60Q3/54, B60Q3/60, B60Q3/70
D	B60Q 3/001	administrative transfer to B60Q 3/85
D	B60Q 3/002	administrative transfer to B60Q 3/62
D	B60Q 3/004	administrative transfer to B60Q 3/64
D	B60Q 3/005	administrative transfer to B60Q 3/66
D	B60Q 3/007	administrative transfer to B60Q 3/88
D	B60Q 3/008	administrative transfer to B60Q 3/68
D	B60Q 3/02	administrative transfer to B60Q 3/20
D	B60Q 3/0203	administrative transfer to B60Q 3/51
D	B60Q 3/0206	administrative transfer to B60Q 3/53
D	B60Q 3/0209	administrative transfer to B60Q 3/20
D	B60Q 3/0213	administrative transfer to B60Q 3/208
D	B60Q 3/0216	administrative transfer to B60Q 3/217
D	B60Q 3/022	administrative transfer to B60Q 3/225
D	B60Q 3/0223	administrative transfer to B60Q 3/233
D	B60Q 3/0226	administrative transfer to B60Q 3/252
D	B60Q 3/023	administrative transfer to B60Q 3/258
D	B60Q 3/0233	administrative transfer to B60Q 3/267
D	B60Q 3/0236	administrative transfer to B60Q 3/275
D	B60Q 3/024	administrative transfer to B60Q 3/283
D	B60Q 3/0243	administrative transfer to B60Q 3/20
D	B60Q 3/0246	administrative transfer to B60Q 3/41
D	B60Q 3/025	administrative transfer to B60Q 3/43
D	B60Q 3/0253	administrative transfer to B60Q 3/44
D	B60Q 3/0256	administrative transfer to B60Q 3/46
D	B60Q 3/0259	administrative transfer to B60Q 3/47
D	B60Q 3/0263	administrative transfer to B60Q 3/56
D	B60Q 3/0266	administrative transfer to B60Q 3/57
D	B60Q 3/0269	administrative transfer to B60Q 3/59
D	B60Q 3/0273	administrative transfer to B60Q 3/49
D	B60Q 3/0276	administrative transfer to B60Q 3/72
D	B60Q 3/0279	administrative transfer to B60Q 3/74
D	B60Q 3/0283	administrative transfer to B60Q 3/745
D	B60Q 3/0286	administrative transfer to B60Q 3/76
D	B60Q 3/0289	administrative transfer to B60Q 3/78
D	B60Q 3/0293	administrative transfer to B60Q 3/80
D	B60Q 3/0296	administrative transfer to B60Q 3/82
D	B60Q 3/04	administrative transfer to B60Q 3/10
D	B60Q 3/042	administrative transfer to B60Q 3/12
D	B60Q 3/044	administrative transfer to B60Q 3/14
D	B60Q 3/046	administrative transfer to B60Q 3/16
D	B60Q 3/048	administrative transfer to B60Q 3/18
D	B60Q 3/06	administrative transfer to B60Q 3/30
D	B60Q 3/065	administrative transfer to B60Q 3/35
Q	B60Q 3/20	B60Q 3/20, B60Q3/242, B60Q3/292

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* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60Q 3/001		delete
B60Q 3/002		delete
B60Q 3/004		delete
B60Q 3/005		delete
B60Q 3/007		delete
B60Q 3/008		delete
B60Q 3/02		delete
B60Q 3/0203		delete
B60Q 3/0206		delete
B60Q 3/0209		delete
B60Q 3/0213		delete
B60Q 3/0216		delete
B60Q 3/022		delete
B60Q 3/0223		delete
B60Q 3/0226		delete
B60Q 3/023		delete
B60Q 3/0233		delete
B60Q 3/0236		delete
B60Q 3/024		delete
B60Q 3/0243		delete
B60Q 3/0246		delete
B60Q 3/025		delete
B60Q 3/0253		delete
B60Q 3/0256		delete
B60Q 3/0259		delete
B60Q 3/0263		delete
B60Q 3/0266		delete
B60Q 3/0269		delete
B60Q 3/0273		delete
B60Q 3/0276		delete
B60Q 3/0279		delete
B60Q 3/0283		delete
B60Q 3/0286		delete
B60Q 3/0289		delete
B60Q 3/0293		delete
B60Q 3/0296		delete
B60Q 3/04		delete
B60Q 3/042		delete
B60Q 3/044		delete
B60Q 3/046		delete
B60Q 3/048		delete
B60Q 3/06		delete

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60Q 3/065		delete
B60Q 3/10	B60Q 3/10	new
B60Q 3/12	B60Q 3/12	new
B60Q 3/14	B60Q 3/14	new
B60Q 3/16	B60Q 3/16	new
B60Q 3/18	B60Q 3/18	new
B60Q 3/20	B60Q 3/20	new
B60Q 3/208	B60Q 3/208	new
B60Q 3/217	B60Q 3/217	new
B60Q 3/225	B60Q 3/225	new
B60Q 3/233	B60Q 3/233	new
B60Q 3/242	B60Q 3/242	new
B60Q 3/252	B60Q 3/252	new
B60Q 3/258	B60Q 3/258	new
B60Q 3/267	B60Q 3/267	new
B60Q 3/275	B60Q 3/275	new
B60Q 3/283	B60Q 3/283	new
B60Q 3/292	B60Q 3/292	new
B60Q 3/30	B60Q 3/30	new
B60Q 3/35	B60Q 3/35	new
B60Q 3/40	B60Q 3/40	new
B60Q 3/41	B60Q 3/41	new
B60Q 3/43	B60Q 3/43	new
B60Q 3/44	B60Q 3/44	new
B60Q 3/46	B60Q 3/46	new
B60Q 3/47	B60Q 3/47	new
B60Q 3/49	B60Q 3/49	new
B60Q 3/50	B60Q 3/50	new
B60Q 3/51	B60Q 3/51	new
B60Q 3/53	B60Q 3/53	new
B60Q 3/54	B60Q 3/54	new
B60Q 3/56	B60Q 3/56	new
B60Q 3/57	B60Q 3/57	new
B60Q 3/59	B60Q 3/59	new
B60Q 3/60	B60Q 3/60	new
B60Q 3/62	B60Q 3/62	new
B60Q 3/64	B60Q 3/64	new
B60Q 3/66	B60Q 3/66	new
B60Q 3/68	B60Q 3/68	new
B60Q 3/70	B60Q 3/70	new
B60Q 3/72	B60Q 3/72	new
B60Q 3/74	B60Q 3/74	new
B60Q 3/745	B60Q 3/74	new
B60Q 3/76	B60Q 3/76	new
B60Q 3/78	B60Q 3/78	new

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60Q 3/80	B60Q 3/80	new
B60Q 3/82	B60Q 3/82	new
B60Q 3/85	B60Q 3/85	new
B60Q 3/88	B60Q 3/88	new

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
B32B 17/10541	B60Q 3/02	B60Q 3/20
B60N 3/14	B60Q 3/02,	B60Q 3/20;
B60Q 1/2665	B60Q 3/023	B60Q 3/258
B60Q 1/2669	B60Q 3/0233	B60Q 3/267
B60Q 1/268	B60Q 3/0213	B60Q 3/208
B60R 16/0231	B60Q 3/04	B60Q 3/10
G02B 6/0001	B60Q 3/002	B60Q 3/62
G02B 6/0001	B60Q 3/04	B60Q 3/10

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A44B 11/2565	B60Q 3/02	Special rules of classification (second paragraph)	B60Q 3/20
A44B 11/2565	B60Q 3/02	Special rules of classification (third paragraph)	B60Q 3/20
A44B 11/2569	B60Q 3/02	Limiting references	B60Q 3/20
B60K 35/00	B60Q 3/04	Limiting references	B60Q 3/10
B60K 37/00	B60Q 3/04	Limiting references	B60Q 3/10
B60K 37/06	B60Q 3/04	Limiting references	B60Q 3/10
G01D	B60Q 3/04	Informative references	B60Q 3/10
G01D 11/00	B60Q 3/04	Definition statement	B60Q 3/10
G01D 11/00	B60Q 3/04	Informative references	B60Q 3/10
G02B 6/0001	B60Q 3/002	Informative references	B60Q 3/62
G02B 6/0001	B60Q 3/04	Informative references	B60Q 3/10

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.