

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 458

DATE: FEBRUARY 1, 2018

PROJECT DP0188

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions Modified:	B60Q	3/00
Definitions New:	B60Q	3/10, 3/12, 3/14, 3/16, 3/18, 3/20, 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, 3/62, 3/66, 3/68, 3/72, 3/74, 3/76, 3/78, 3/80, 3/82, 3/88, 3/208, 3/217, 3/225, 3/233, 3/242, 3/252, 3/258, 3/267, 3/275, 3/283, 3/292

No other subclasses/groups are impacted by this Notice of Changes.

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(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

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

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

2. A. DEFINITIONS (New)

Insert the following **NEW** definitions.

B60Q3/10

Definition statement

This place covers:

Lighting devices for illuminating the dashboard or parts thereof, from inside or outside the dashboard.

Circuits and control means therefor.

Relationships with other classification places

Lighting devices internal to instruments are classified in [G01D11/28](#), [G01D13/28](#), but lighting devices for illuminating onto or around the instruments from outside the instruments are classified in [B60Q3/10](#) and subgroups.

References

Informative references

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

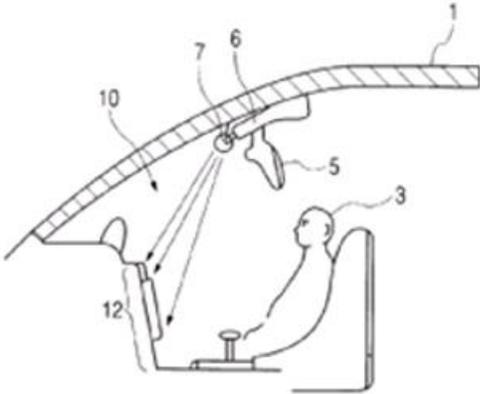
Arrangement or adaptations of instruments in vehicles	B60K35/00
Arrangement of instruments or fittings on dashboard	B60K37/00
Lighting devices for individual instruments	G01D11/28 , G01D13/28
Internal illumination of Liquid Crystal Displays	G02F1/00
Illuminated signs	G09F13/00

B60Q3/12

Definition statement

This place covers:

Lighting devices or arrangements where the light impinges on the dashboard or parts thereof.

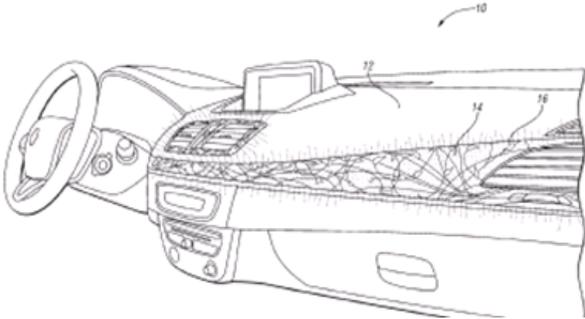


B60Q3/14

Definition statement

This place covers:

Backlight arrangements of the dashboard or parts thereof.



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B60Q3/16

Definition statement

This place covers:

Circuits or control arrangements for the illumination of the dashboard as a whole or parts thereof, e.g. illuminating the dashboard when starting the vehicle, changing illumination colors for decoration purposes.

Circuits or control arrangements for the illumination of the instruments and buttons when it is not related to the function of the instruments or buttons themselves, e.g. adjusting the color of the illumination of instruments or buttons depending on the time of the day.

References

Informative references

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

Circuits for electric light sources in general	H05B 37/00, H05B39/00
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B60Q3/18

Definition statement

This place covers:

Circuits or control arrangements for varying the intensity of illumination onto or from the dashboard, e.g. to compensate for variations in ambient light intensity.

References

Informative references

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

Controlling light sources in displays	G09G 3/06, G09G 3/22
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B60Q3/20

Definition statement

This place covers:

Lighting devices associated with a particular vehicle fitting, either by being mounted on or in the fitting, or by illuminating from or onto the fitting.

References

Limiting references

This place does not cover:

Lighting devices on or 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:

Receptacle for food or beverages, e.g. cup holders	B60N 3/10
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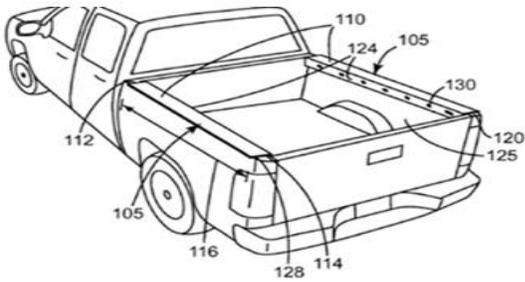
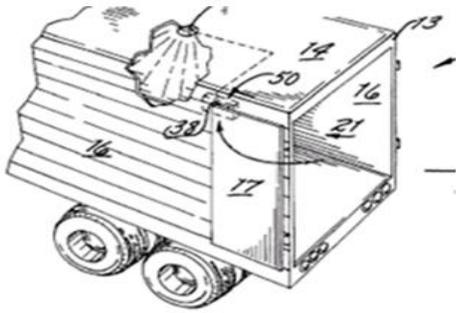
B60Q3/30

Definition statement

This place covers:

Lighting devices for illuminating the inside of the engine compartment, the vehicle trunk, pick-up truck beds or vehicle cargo areas. The device may be dedicated to this single illuminating function or combined with a signalling or illuminating function towards the vehicle exterior.

Systems switching on the device according to the movement of the hood or trunk door.



B60Q3/35

Definition statement

This place covers:

Lighting devices intended to be attached to the vehicle in their normal lighting use and that can be detached to illuminate other areas, e.g. outside the vehicle.

References

Informative references

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

Portable lighting devices in general	F21L
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B60Q3/40

Definition statement

This place covers:

Lighting devices specially adapted in their size, structure, function, arrangement or control to be used or fulfil special needs of specific vehicle types, e.g. emergency lighting in buses.

B60Q3/41

Definition statement

This place covers:

Lighting devices specially adapted for buses, trains or aircrafts.

Relationships with other classification places

Lighting devices for the interior of aircrafts are classified also in [B64D47/02](#). Lighting devices for the interior of rail vehicles are classified also in [B61D29/00](#).

References

Informative references

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

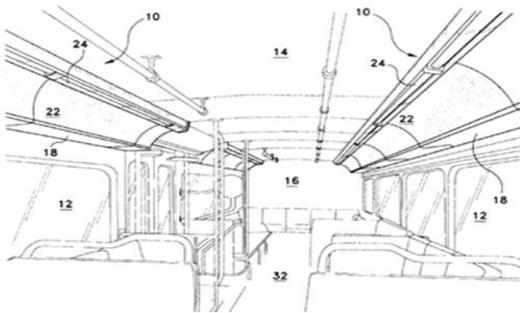
Aircraft passenger or crew accommodation	B64D 11/00
Aircraft signal or lighting devices	B64D 47/02
Lighting devices for rail vehicles	B61D 29/00

B60Q3/43

Definition statement

This place covers:

Lighting devices of a large size for lighting the whole or large parts of the passenger compartment, for illumination purposes or for generating a particular ambience.



References

Informative references

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

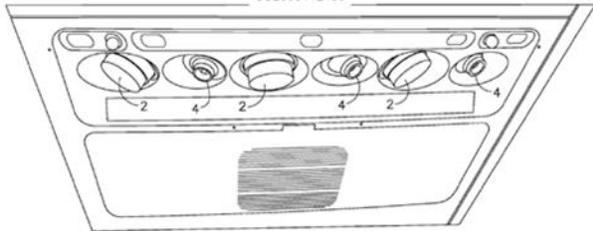
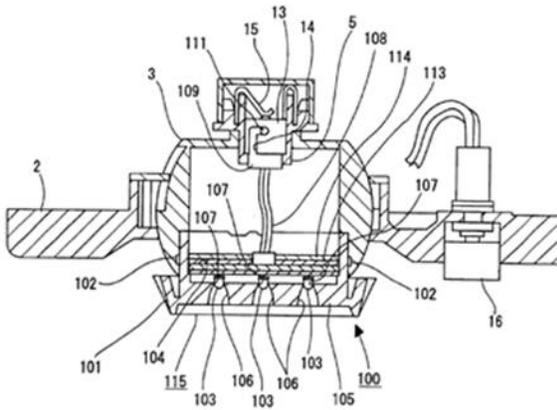
General lighting in personal vehicles	B60Q 3/74
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B60Q3/44

Definition statement

This place covers:

Lighting devices for illuminating individual areas, of restricted surface, and specially adapted to mass transit vehicles, e.g. spherical type of reading lamps that can be oriented at 360 degrees; cluster of reading lamps associated with air conditioning units.



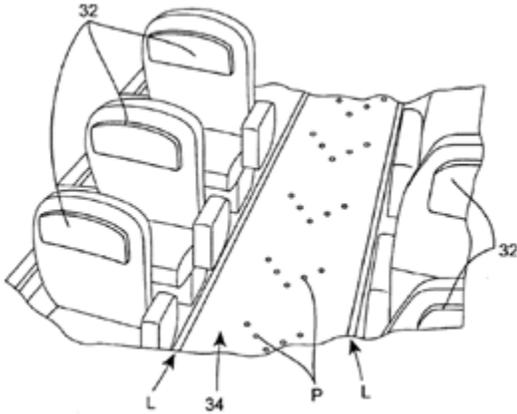
B60Q3/46

Definition statement

This place covers:

Active or passive illuminated marking to guide passengers towards exits.

Lighting devices with stand-alone electrical supply to be activated by failure of the main vehicle power supply.



References

Informative references

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

Signalling systems in general	G08B 7/00
Illuminated signs in general	G09F 13/00

B60Q3/47

Definition statement

This place covers:

Circuits and control arrangements specifically adapted to mass transit vehicles, e.g. for creating different ambiances in different parts of a vehicle, for changing light characteristics for waking up passengers in an aircraft.

References

Informative references

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

Circuits for electric light sources in general	H05B 37/00 , H05B39/00
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B60Q3/49

Definition statement

This place covers:

Lighting devices specially adapted for the moving part of the non-fixed roof, e.g. adapted to the soft material of a convertible, with an electric supply adapted to the moving roof.

References

Informative references

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

Vehicle non-fixed roofs	B60J 7/00
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B60Q3/50

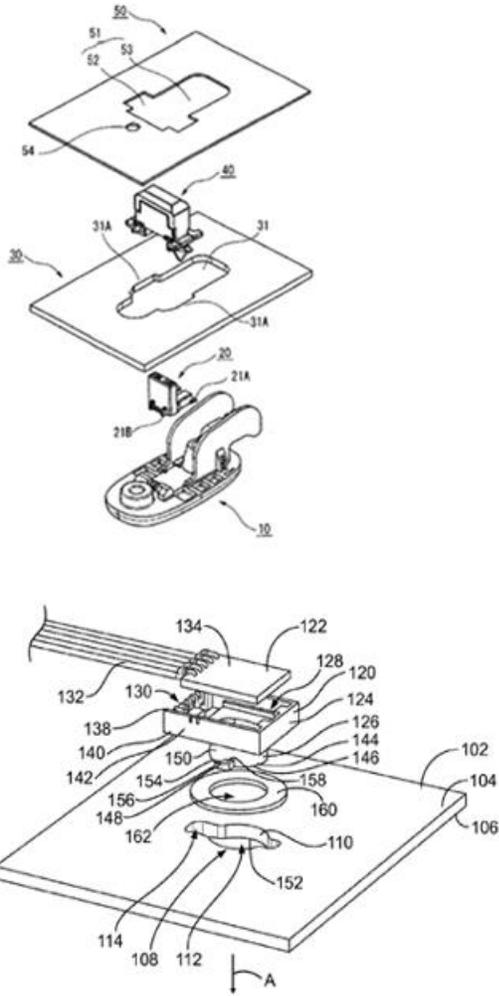
Definition statement

This place covers:

Mounting arrangements of lighting devices in the passenger compartment, e.g. on an arm, embedded in interior trim panel.

Details of fastening means for mounting the lighting device as a whole to the vehicle interior.

Arrangements for connecting the lighting device as a whole to the vehicle electrical wiring.



References

Limiting references

This place does not cover:

Mounting arrangements of lighting device in vehicle compartments other than the passenger compartment	B60Q 3/30
Mounting arrangements of lighting device in specific vehicle types	B60Q 3/40

Informative references

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

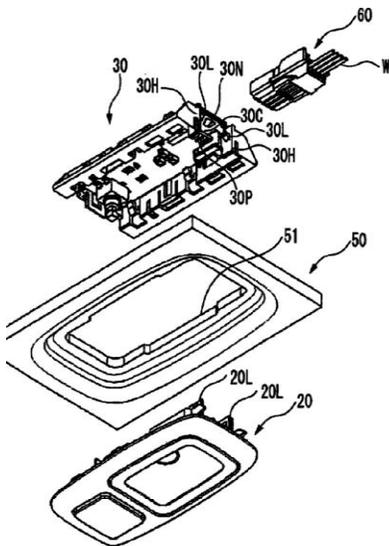
Fastening of component parts of lighting devices in general	F21V 17/00, F21V 19/00
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B60Q3/51

Definition statement

This place covers:

Arrangements for mounting lighting devices onto vehicle interior panels or liners, e.g. for mounting a dome lamp in a hole of a panel or liner.



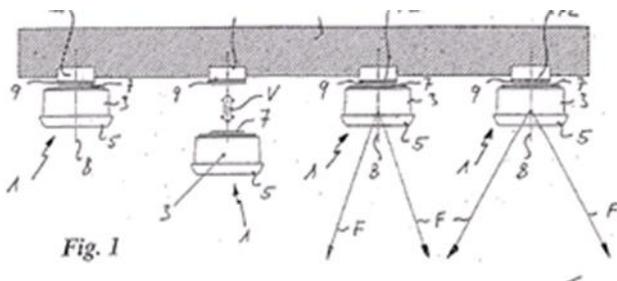
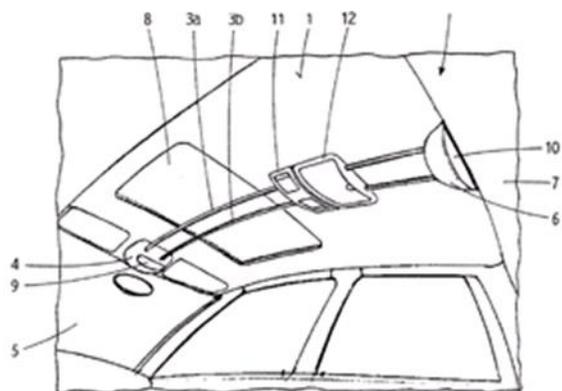
B60Q3/53

Definition statement

This place covers:

Arrangements for mounting lighting devices at different places.

Arrangements for mounting different types of lighting devices at a given place.



References

Informative references

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

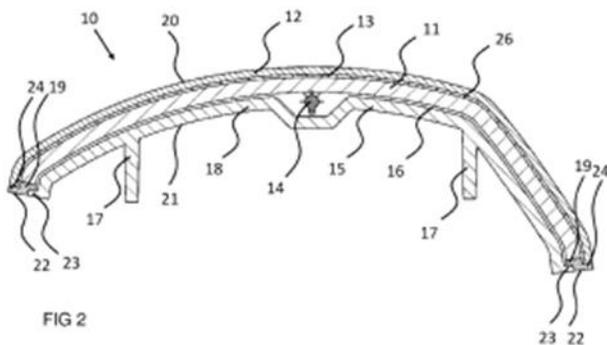
Supporting lighting devices displaceable along a guiding element	F21V21/34
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B60Q3/54

Definition statement

This place covers:

Arrangements where at least some components of the lighting device are part of a vehicle interior trim element, e.g. trim layer is light diffusing, light guide is integrated into the trim element layers.

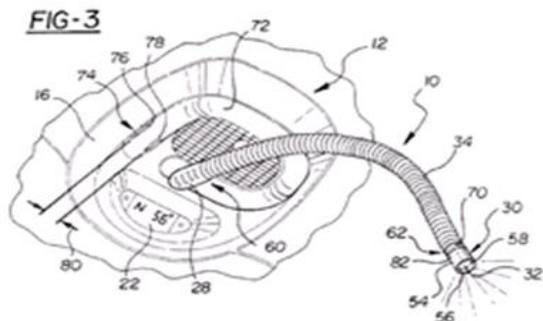


B60Q3/56

Definition statement

This place covers:

Arrangements of elongate supports for bringing the lighting device closer to its place of use, e.g. telescopic, articulated arms.



Informative references

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

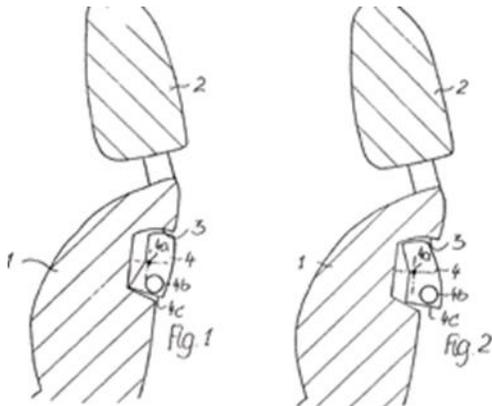
Lighting devices mounted on arms or standards in general	F21V 21/10
Adjustable mounting for lighting devices in general	F21V 21/14

B60Q3/57

Definition statement

This place covers:

Arrangements where the lighting device is retractable or concealable as a whole with respect to the vehicle part on which it is mounted.



Informative references

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

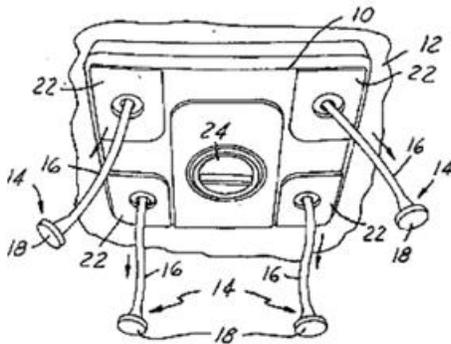
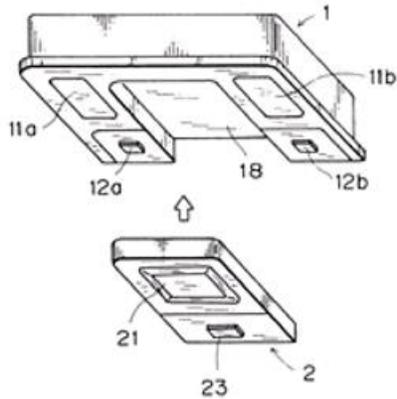
Movable parts in lighting devices for vehicle interiors for manually controlling the light emission	B60Q 3/85
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B60Q3/59

Definition statement

This place covers:

Arrangements whereby in its normal use, the lighting device is attached to the vehicle interior and provides light therefrom, and having possibly to be taken out of the mounting location as a portable lighting device, with or without a remaining link to the vehicle.



Arrangements of vehicle interior specially adapted for holding self-powered portable lighting devices that can be recharged from vehicle, or for holding portable lighting devices permanently powered from the vehicle, e.g. by way of extensible cables.

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Relationships with other classification places

Portable lighting devices characterised by means for in situ recharging of the batteries or cells are classified in [F21L4/08](#).

References

Informative references

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

Portable lighting devices in general	F21L
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Special rules of classification

Arrangements of self-powered lighting devices that can be recharged from the vehicle are also classified in [B60Q3/88](#).

B60Q3/62

References

Informative references

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

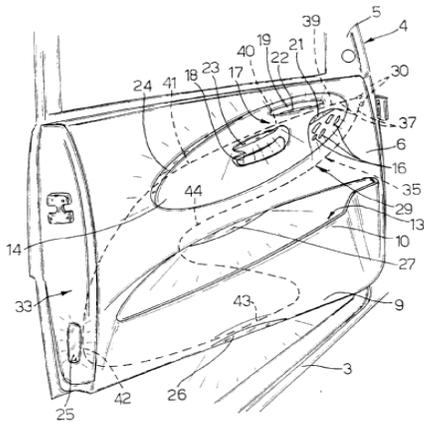
Use of light guides in lighting devices in general	F21V 2200/00
Light guides in general	G02B 6/00

B60Q3/66

Definition statement

This place covers:

Arrangements with one or several light guides for distributing the light of a single light source to several separated surfaces that illuminate different areas in the vehicle or provide different illumination functions.



B60Q3/68

Definition statement

This place covers:

Arrangements in which ultra-violet light impinges on luminescent areas in the vehicle interior.

References

Informative references

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

Luminescent materials	C09K 11/00
Electroluminescent light sources per se	H05B 33/00

B60Q3/72

Definition statement

This place covers:

Arrangements in which visible or non-visible light is emitted in the vehicle interior in order to prevent the driver from being dazzled or to reduce eyestrain, e.g. by adjusting the light intensity falling on the driver's eyes according to the light level in front of the vehicle.

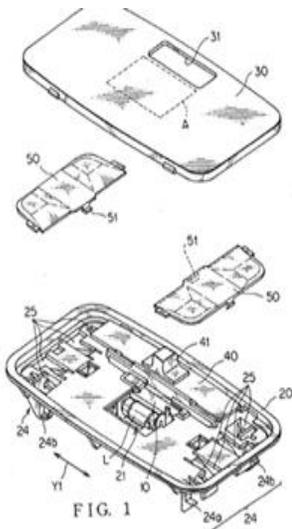
B60Q3/74

Definition statement

This place covers:

Details and arrangements of lighting devices for illuminating or creating a light ambience in large areas of the vehicle interior, e.g. starry sky lighting effect.

Devices combining room lamps and reading lamps, e.g. dome cluster.



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References

Limiting references

This place does not cover:

General lighting mounted on specific fittings	B60Q 3/20
General lighting for mass transit vehicles	B60Q 3/43

B60Q3/76

Definition statement

This place covers:

Lighting devices towards small surfaces, providing directional or focused light, e.g. using lenses or blends.

References

Limiting references

This place does not cover:

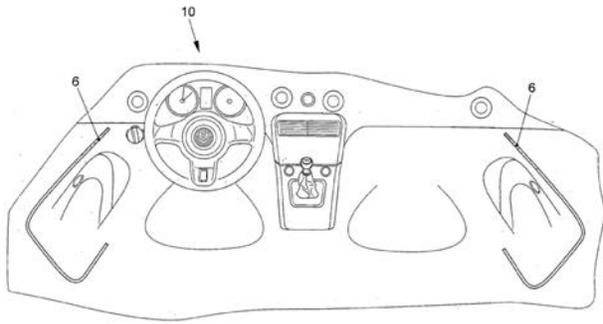
Spotlighting on or for specific fittings	B60Q 3/20
Spotlighting in mass transit vehicles, e.g. reading lamps orientable at 360 degrees	B60Q 3/44

B60Q3/78

Definition statement

This place covers:

Arrangements using elongated light sources, light guides or series of lights sources to create illuminated lines, e.g. along or around parts.



References

Informative references

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

Lighting devices using a strip or string of light sources	F21S 4/00
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B60Q3/80

Definition statement

This place covers:

Vehicle circuit architecture specifically designed for interior lighting devices.

Electrical arrangements within lighting devices.

Means for plugging the lighting device directly to a vehicle socket.

Switch arrangements specially designed for vehicle interior lighting devices.

Control arrangements for automatically switching on or off the lighting device, for automatically changing the illumination characteristics.

Control arrangements for manually changing the illumination characteristics.

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References

Limiting references

This place does not cover:

Circuits and control arrangements for dashboards	B60Q 3/16
Circuits and control arrangements for mass transit vehicles	B60Q 3/47

Informative references

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

Circuits for electric light sources in general	H05B 37/00 , H05B39/00
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Special rules of classification

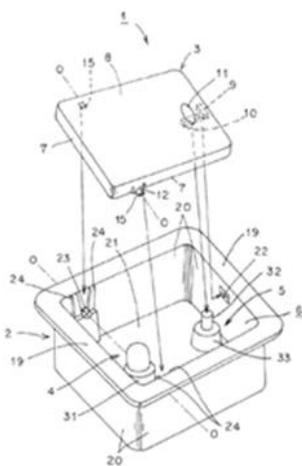
Arrangements for connecting the lighting device as a whole to the vehicle electrical wiring are classified in [B60Q3/50](#) and subgroups.

B60Q3/82

Definition statement

This place covers:

Switching arrangements with special application for vehicle interior lamps, e.g. three-position switches, switching by rotating the lamp housing.



References

Informative references

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

Switches in general	H01H
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Special rules of classification

Switching arrangements by closing or opening small compartments are also classified in [B60Q3/225](#).

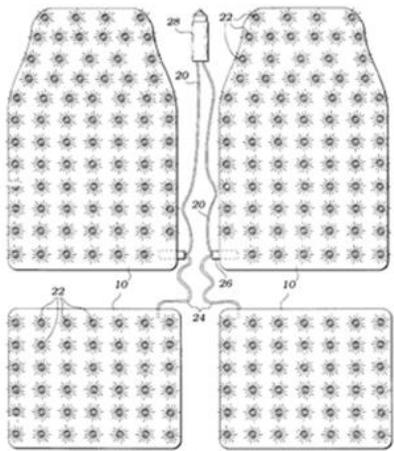
Switching arrangements by tilting sun shades or courtesy mirrors are also classified in [B60Q3/252](#).

B60Q3/88

Definition statement

This place covers:

Arrangements for plugging vehicle interior lighting devices into vehicle sockets for use or recharge.



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

Portable lighting devices in general with means for in situ recharging	F21L 4/08
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B60Q3/208**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Vehicle windows	B60J 1/00
Vehicle sun roofs	B60J 7/00

B60Q3/217**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Vehicle doors	B60J5/00
Lighting devices for indicating vehicle sides to the exterior, e.g. mounted on doors or steps	B60Q1/32

Special rules of classification

Lighting devices mounted on doors or steps may be classified in both [B60Q3/217](#) and [B60Q1/32](#) if light can be cast inside and outside the vehicle, e.g. depending on whether the door is open or closed.

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B60Q3/225**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Stowing small appliances in vehicles	B60R 7/00
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B60Q3/233**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Vehicle seats	B60N 2/00
Arm-rests for vehicle seats	B60N 2/46
Head-rests for vehicle seats	B60N 2/48

B60Q3/242**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Vehicle safety belts or harnesses	B60R 22/00
Buckles	A44B 11/00

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B60Q3/252**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Sun visors	B60J 3/02
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B60Q3/258**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Signalling devices mounted on exterior side mirrors	B60Q 1/26
Rear-view mirrors	B60R 1/02
Vehicle mirrors assemblies combined with other articles	B60R 1/12

Special rules of classification

Lighting devices in vehicle interior combined with rear-view mirrors are also classified in [B60R1/12](#).

B60Q3/267**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Illuminating devices on, or for, locks or keys	E05B 17/10
Vehicle inner door handles	E05B 85/12
Vehicle hand grips	B60N 3/02
Signalling devices mounted on exterior door handles	B60Q 1/26

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B60Q3/275**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Ashtrays in vehicles	B60N 3/08
Cigarette lighters	B60N 3/14

B60Q3/283**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Steering wheels	B62D 1/04
Gear levers	F16H 59/02
Indicating ratio on gear levers	F16H 63/42

B60Q3/292**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Illuminating devices on, or for, locks or keys	E05B 17/10
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2. A. DEFINITIONS (Modified)

B60Q3/00

Definition statement

Delete: ALL of the existing text in the Definitions statement section *from:*

The arrangement or adaptation of devices...for parts located inside a vehicle.

to

A reading lamp with a blend to prevent...specific lighting subgroup of class F21.

Insert: The following replacement text:

Lighting devices in vehicles dedicated to illuminate in visible and non-visible wavelength range areas or parts located inside a vehicle, e.g. in the passenger or engine compartment.

The arrangement thereof.

The mounting thereof.

The circuits therefor.

The switches specifically adapted therefor.

The manual or automatic control means therefor.

Relationships with other classification places

Delete: All of the existing text in the Relationships section.

Insert: The following replacement text.

Arrangements or adaptations of lighting devices for the interior of aircrafts (B64D47/02) and rail vehicles (B61D29/00) are classified also in B60Q3/00 and subgroups, because they are similar to arrangements for buses.

Informative references

Delete: The following symbol from the first row in the existing Informative references table.

E05B 15/08

Delete: The following three rows from the existing Informative references table.

Portable lighting devices in general	F21L
Back-lighting of LCD screens	G02F1/00
Illumination of logos, symbols, advertisement	G09F13/00

Insert: The following two new rows in the Informative references table.

Non-portable lighting devices in general	F21S
Details of lighting devices, of general application	F21V