

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1229

DATE: JANUARY 1, 2022

PROJECT RP0731

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Symbols New:	B60R	1/20, 1/22, 1/23, 1/24, 1/25, 1/26, 1/27, 1/28, 1/29, 1/30, 1/31
Titles Changed:	B60R	1/00
Warnings New:	B60R	1/00, 1/20
Notes New:	B60R	1/00
<b>DEFINITIONS:</b>		
Definitions New:	B60R	1/28, 1/30, 1/31
Definitions Modified:	B60R	1/00
	H04N	7/18

**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)

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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS B60R - VEHICLES, VEHICLE FITTINGS, OR VEHICLE PARTS, NOT OTHERWISE PROVIDED FOR**

<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title “CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
C	B60R1/00	0	Optical viewing arrangements; Real-time viewing arrangements for drivers or passengers using optical image capturing systems, e.g. cameras or video systems specially adapted for use in or on vehicles	B60R1/00, B60R1/20, B60R1/22, B60R1/23, B60R1/24, B60R1/25, B60R1/26, B60R1/27, B60R1/28, B60R1/29, B60R1/30, B60R1/31
U	B60R 2001/1292	2	{ with holding means for personal articles }	
N	B60R1/20	1	Real-time viewing arrangements for drivers or passengers using optical image capturing systems, e.g. cameras or video systems specially adapted for use in or on vehicles	
N	B60R1/22	2	for viewing an area outside the vehicle, e.g. the exterior of the vehicle	
N	B60R1/23	3	with a predetermined field of view	
N	B60R1/24	4	in front of the vehicle	
N	B60R1/25	4	to the sides of the vehicle	
N	B60R1/26	4	to the rear of the vehicle	
N	B60R1/27	4	providing all-round vision, e.g. using omnidirectional cameras	
N	B60R1/28	3	with an adjustable field of view	
N	B60R1/29	2	for viewing an area inside the vehicle, e.g. for viewing passengers or cargo	
N	B60R1/30	2	providing vision in the non-visible spectrum, e.g. night or infrared vision	
N	B60R1/31	2	providing stereoscopic vision	

\*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; T = 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.

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#### 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).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). 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.
- “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>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or <administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalization projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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

**SUBCLASS B60R - VEHICLES, VEHICLE FITTINGS, OR VEHICLE PARTS, NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
N	B60R1/00		<p><u>Insert</u> the following <u>new</u> warning.</p> <p>Group B60R 1/00 is impacted by reclassification into groups B60R 1/20, B60R 1/22, B60R 1/23, B60R 1/24, B60R 1/25, B60R 1/26, B60R 1/27, B60R 1/28, B60R 1/29, B60R 1/30 and B60R 1/31.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
N	B60R1/20		<p><u>Insert</u> the following <u>new</u> warning.</p> <p>Groups B60R 1/20 – B60R 1/31 are incomplete pending reclassification of documents from group B60R 1/00. All groups listed in this Warning should be considered in order to perform a complete search.</p>

\*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.

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C. New, Modified or Deleted Note(s)

**SUBCLASS B60R - VEHICLES, VEHICLE FITTINGS, OR VEHICLE PARTS, NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	B60R1/00		<p><u>Insert</u> the following <u>new</u> note.</p> <p>This group <u>covers</u> optical viewing arrangements using mirrors as well as real-time viewing arrangements using optical image capturing systems, e.g. the special adaptation of cameras or video systems in or on vehicles, for assisting drivers or passengers. In this context, “viewing” refers to a visual assistance of drivers or passengers using mirrors, cameras or the like.</p>

\*N = new note, M = modified note, D = deleted note

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

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## 2. A. DEFINITIONS (new)

Insert the following new definitions.

### B60R 1/28

#### Informative references

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

Devices for controlling cameras	<a href="#">H04N 5/232</a>
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### B60R 1/30

#### Informative references

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

Televisions systems using infrared light	<a href="#">H04N 5/33</a>
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### B60R 1/31

#### Informative references

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

Image signal generators using stereoscopic image cameras	<a href="#">H04N 13/204</a>
Stereoscopic displays for measurement system such as radar, sonar or lidar	<a href="#">G01S 7/20</a>

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**2. A. DEFINITIONS (modified)****B60R 1/00****Definition statement**

Replace: In the existing “Definition statement” section, the fourth paragraph with the following updated paragraph.

The subclass covers mirror, periscope and lens arrangements (B60R 1/001 – B60R 1/1207) as well as viewing arrangements using displays and cameras specially adapted for use in a vehicle (B60R 1/00 – B60R 1/31).

**Limiting references**

Delete: The entire existing “Limiting References” section.

**Informative references**

Insert: The following new “Informative references” section.

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

House mirrors and spies	<a href="#">A47G 1/00</a>
Visual aids for tractors	<a href="#">B62D 49/0614</a>
Mounting aspects of displays	<a href="#">B60R 11/02</a>
The mounting aspects of cameras operative during drive	<a href="#">B60R 11/04</a>
Antiglare equipment, e.g. polarising, for windscreens or windows	<a href="#">B60J 3/00</a>
Optical image capturing systems used in vehicle control systems such as automatic manoeuvring for parking and path keeping	<a href="#">B60W 30/00</a>
Mapping or imaging using measurements systems such as radar, sonar or lidar	<a href="#">G01S 13/89</a> , <a href="#">G01S 15/89</a> , <a href="#">G01S 17/89</a>
Camera and display systems where the display does not display a generally realistic real time picture i.e. where it displays a symbol or an alarm	<a href="#">G08B</a>
Closed-circuit television systems	<a href="#">H04N 7/18</a>

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**H04N 7/18**

**Informative references**

Insert: The following new reference in the existing “Informative references” table.

Real time viewing arrangements for drivers or passengers using optical image capturing systems, e.g. cameras or video systems specially adapted for use in or on vehicles	B60R 1/00
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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
C	B60R 1/00	B60R 1/00, B60R 1/20, B60R 1/22, B60R 1/23, B60R 1/24, B60R 1/25, B60R 1/26, B60R 1/27, B60R 1/28, B60R 1/29, B60R 1/30, B60R 1/31

\* 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; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60R 1/20	B60R 1/20	NEW
B60R 1/22	B60R 1/22	NEW
B60R 1/23	B60R 1/23	NEW
B60R 1/24	B60R 1/24	NEW
B60R 1/25	B60R 1/25	NEW
B60R 1/26	B60R 1/26	NEW
B60R 1/27	B60R 1/27	NEW
B60R 1/28	B60R 1/28	NEW
B60R 1/29	B60R 1/29	NEW
B60R 1/30	B60R 1/30	NEW
B60R 1/31	B60R 1/31	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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.