

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	B60R	16/0376
Symbols newly created:	B60R	21/0133
	B60R	21/01332
	B60R	21/01334
	B60R	21/01336
	B60R	21/01338
Title change:	B60R	21/01
	B60R	21/013
Scheme Warning Notices to be added/modified/deleted:	B60R	21/0133 (added)

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

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

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

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> “CPC only” text should be enclosed in {curly brackets}
D	B60R16/0376	3	{Gear-shift lever position (indicating position of controlling members in general G05G 1/00)}
U	B60R 21/00	0	Arrangements or fittings on vehicles for protecting or preventing injuries to occupants or pedestrians in case of accidents or other traffic risks (safety belts or body harnesses in vehicles B60R 22/00; devices, apparatus or methods for life-saving in general A62B ; safety devices for propulsion unit control specially adapted for, or arranged in, vehicles B60K 28/00 ; seats constructed to protect the occupant from the effect of abnormal g-forces, e.g. crash or safety seats, B60N 2/42 ; energy-absorbing arrangements for hand wheels for steering vehicles B62D 1/11 ; energy-absorbing arrangements for vehicle steering columns B62D 1/19 ; harnessing in aircraft B64D 25/00)
M	B60R 21/01	1	Electrical circuits for triggering {passive} safety arrangements, {e.g. airbags, safety belt tighteners, } in case of vehicle accidents or impending vehicle accidents {(electrical circuits for transmission of signals between steering wheel and the vehicle itself B60R 16/027 ; for electrically actuating belt retractor locking means B60R 22/343)}
M	B60R 21/013	2	including means for detecting collisions, impending collision or roll-over
C	B60R 21/0132	3	responsive to vehicle motion parameters {,e.g. to vehicle longitudinal or transversal deceleration or speed value }
U	B60R 2021/01327	4	{ Angular velocity or angular acceleration }
N	B60R 21/0133	4	{by integrating the amplitude of the input signal }
N	B60R 21/01332	4	{by frequency or waveform analysis }
N	B60R 21/01334	5	{using Fourier analysis }
N	B60R 21/01336	5	{using filtering }
N	B60R 21/01338	5	{using vector analysis }
U	B60R 21/0134	3	responsive to imminent contact with an obstacle {,e.g. using radar systems }

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

*N = new entries (reclassification involved); C = entries with modified file scope (reclassification involved); M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen/entries (deleted pending reclassification completion); U = entries that are unchanged

NOTES:

- To simplify understanding, prior to an N group or N group array, include the U group located immediately prior to the N group or N group array in order to clearly illustrate the location of the N group or N group array in the existing scheme.
- “D = deleted entries” and “F = frozen/entries” may be included, in the scheme changes table above if needed for better understanding of the overall scheme.

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

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 notice</u>
N	B60R 21/0133		Groups B60R 21/0133 - B60R 21/01338 are incomplete pending reclassification of documents from group B60R 21/0132. Until reclassification is complete, groups B60R 21/0132 and B60R 21/0133 - B60R 21/01338 should be considered in order to perform a complete search.

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

DATE: DECEMBER 1, 2014

PROJECT RP0017

2. A. DEFINITIONS (i.e. new or modified)**B60R21/013**

including means for detecting collisions, impending collision or roll-over

Definition statement*This group covers:*

Electrical circuits for triggering passive safety arrangements, e.g. airbags, safety belt tighteners, in case of vehicle accidents or impending vehicle accidents

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

predicting or avoiding probable or impending collision, or attempting to minimise its consequences	B60W 30/08
inclination sensors per se	G01C 9/00
acceleration sensors per se	G01P 15/00
radar systems per se	G01S 13/00
inertia switches per se	H01H 35/14

Special rules of classification within this subclass

In addition to groups B60R 21/013 and subgroups, indexing codes from the group ranges B60R 2021/01006 – B60R 2021/01293, B60R 2021/01302 – B60R 2021/01317, B60R 2021/01322 – B60R 2021/01327 and B60R 2021/01345 should be allocated for additional information as necessary, i.e., when it is beneficial for search and examination.

B60R21/01336**using filtering**

DATE: DECEMBER 1, 2014

PROJECT RP0017

Definition statement

This group/subgroup/subclass covers:

For example, Isolation of a particular frequency or frequencies which characterise the event; involves more than mere filtering of a noisy input signal.

B60R21/01338

using vector analysis

Definition statement

This group/subgroup/subclass covers:

The magnitude and direction of vehicle motion parameters are evaluated to characterise or classify the nature of a collision or roll-over event.

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol (new)</u>
D	B60R 16/0376	F16H 63/42
C	B60R 21/0132	B60R 21/0132 B60R 21/0133 B60R 21/01332 B60R 21/01334 B60R 21/01336 B60R 21/01338

* C = entries with modified file scope (reclassification involved); D = deleted entries

NOTE: Frozen (F) symbols are not included in the RCL table above.

CPC NOTICE OF CHANGES 45

DATE: DECEMBER 1, 2014

PROJECT RP0017

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60R 16/0376	B60R 16/037	Delete CPC/IPC
B60R 21/0133	B60R 21/0132	New CPC/IPC
B60R 21/01332	B60R 21/0132	New CPC/IPC
B60R 21/01334	B60R 21/0132	New CPC/IPC
B60R 21/01336	B60R 21/0132	New CPC/IPC
B60R 21/01338	B60R 21/0132	New CPC/IPC

*Action column:

- For a new (N) CPC symbol, provide an IPC symbol and complete the Action column with “new CPC/IPC.”
- For an existing CPC symbol where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “new IPC.”
- For a deleted (D) CPC symbol complete the Action column with “delete CPC/IPC.”
- For a 2000 series CPC symbol with no IPC equivalent, complete the Action column with “CPCONLY”.

NOTE: Frozen (F) symbols are not included in the CICL table above.