EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1201

DATE: JANUARY 1, 2022

PROJECT RP0713

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted Pending Reclassification: (frozen (F))	G01P	9/00, 9/02, 9/04
Symbols New:	G01C	19/005
Titles Changed:	G01C	19/025, 19/065
Warnings New:	G01P	9/00, 9/02, 9/04
	G01C	19/005, 19/02, 19/065, 19/56
	G01C	21/16

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 G01C – MEASURING DISTANCES, LEVELS OR BEARINGS; SURVEYING; NAVIGATION; GYROSCOPIC INSTRUMENTS; PHOTOGRAMMETRY OR VIDEOGRAMMETRY (measuring liquid level G01F; radio navigation, determining distance or velocity by use of propagation effects, e.g. Doppler effects, propagation time, of radio waves, analogous arrangements using other waves G01S)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
U	G01C 19/00	0	Gyroscopes; Turn-sensitive devices using vibrating masses; Turn-sensitive devices without moving masses; Measuring angular rate using gyroscopic effects	
N	G01C 19/005	1	{Measuring angular rate using gyroscopic effects}	
T	G01C 19/025	2	{Gyroscopes functioning for short periods}	
T	G01C 19/065	4	{Means for measuring or controlling of rotors' angular velocity}	

SUBCLASS G01P - MEASURING LINEAR OR ANGULAR SPEED, ACCELERATION, DECELERATION OR SHOCK; INDICATING PRESENCE OR ABSENCE OF MOVEMENT; INDICATING DIRECTION OF MOVEMENT (measuring or recording blood flow A61B 5/02, A61B 8/06; monitoring speed or deceleration of electrically-propelled vehicles B60L 3/00; vehicle lighting systems adapted to indicate speed B60Q 1/54; determining position or course in navigation, measuring ground distance in geodesy or surveying G01C; combined measuring devices for measuring two or more variables of movement G01C 23/00; measuring velocity of sound G01H; measuring velocity of light G01J 7/00; measuring direction or velocity of solid objects by reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; measuring speed of nuclear radiation G01T; measuring acceleration of gravity G01V; {measuring or recording the speed of trains B61L 23/00; speed indicators incorporated in motor vehicles B60K 35/00; measuring frequency or phase G01R; traffic control G08G})

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
F	G01P 9/00	0	{Measuring speed by using gyroscopic effect, e.g. using gas, using electron beam (gyroscopes or turn-sensitive devices per se G01C 19/00)}	G01C 19/005, G01C 19/065, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188,

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
F	G01P 9/02	1	{using rotary gyroscopes}	G01C 19/005, G01C 19/02, G01C 19/025, G01C 19/04, G01C 19/06, G01C 19/065, G01C 19/08, G01C 19/10, G01C 19/12, G01C 19/14, G01C 19/16, G01C 19/18, G01C 19/20, G01C 19/22, G01C 19/24, G01C 19/26, G01C 19/28, G01C 19/30, G01C 19/32, G01C 19/34, G01C 19/36, G01C 19/38, G01C 19/40, G01C 19/42, G01C 19/44, G01C 19/46, G01C 19/48, G01C 19/50, G01C 19/52, G01C 19/54, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188
F	G01P 9/04	1	{using turn-sensitive devices with vibrating masses, e.g. tuning-fork}	G01C 19/005, G01C 19/56, G01C 19/5607, G01C 19/5614, G01C 19/5621, G01C 19/5628, G01C 19/5635, G01C 19/5642, G01C 19/5649, G01C 19/5656, G01C 19/5663, G01C 19/567, G01C 19/5677, G01C 19/5684, G01C 19/5691, G01C 19/5698, G01C 19/5705, G01C 19/5712, G01C 19/5719, G01C 19/5726, G01C 19/5733, G01C 19/574, G01C 19/5747, G01C 19/5755, G01C 19/5762, G01C 19/5769, G01C 19/5776, G01C 19/5783, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188

*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.

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 <u>must</u> 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 finalisation 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.

B. New, Modified or Deleted Warning(s)

SUBCLASS G01C – MEASURING DISTANCES, LEVELS OR BEARINGS; SURVEYING; NAVIGATION; GYROSCOPIC INSTRUMENTS; PHOTOGRAMMETRY OR VIDEOGRAMMETRY (measuring liquid level G01F; radio navigation, determining distance or velocity by use of propagation effects, e.g. Doppler effects, propagation time, of radio waves, analogous arrangements using other waves G01S)

Type*	Location	Old Warning	New/Modified Warning
N	G01C 19/005		Group G01C 19/005 is incomplete pending reclassification of documents from groups G01P 9/00, G01P 9/02 and G01P 9/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01C 19/02		Groups G01C 19/02, G01C 19/025, G01C 19/04, G01C 19/06, G01C 19/08, G01C 19/10, G01C 19/12, G01C 19/14, G01C 19/16, G01C 19/18, G01C 19/20, G01C 19/22, G01C 19/24, G01C 19/26, G01C 19/28, G01C 19/30, G01C 19/32, G01C 19/34, G01C 19/36, G01C 19/38, G01C 19/40, G01C 19/42, G01C 19/44, G01C 19/46, G01C 19/48, G01C 19/50, G01C 19/52 and G01C 19/54 are incomplete pending reclassification of documents from group G01P 9/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01C 19/065		Group G01C 19/065 is incomplete pending reclassification of documents from groups G01P 9/00 and G01P 9/02. Groups G01P 9/00, G01P 9/02 and G01C 19/065 should be considered in order to perform a complete search.
N	G01C 19/56		Groups G01C 19/56-G01C 19/5783 are incomplete pending reclassification of documents from group G01P 9/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01C 21/16		Groups G01C 21/16-G01C 21/188 are incomplete pending reclassification of documents from groups G01P 9/00, G01P 9/02 and G01P 9/04. All groups listed in this Warning should be considered in order to perform a complete search.

SUBCLASS G01P - MEASURING LINEAR OR ANGULAR SPEED, ACCELERATION, DECELERATION, OR SHOCK; INDICATING PRESENCE, ABSENCE, OR DIRECTION, OF MOVEMENT (measuring or recording blood flow A61B 5/02, A61B 8/06; monitoring speed or deceleration of electrically-propelled vehicles B60L 3/00; vehicle lighting systems adapted to indicate speed B60Q 1/54; determining position or course in navigation, measuring ground distance in geodesy or surveying G01C; combined measuring devices for measuring two or more variables of movement G01C 23/00; measuring velocity of sound G01H; measuring velocity of light G01J 7/00; measuring direction or velocity of solid objects by reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; measuring speed of nuclear radiation G01T; measuring acceleration of gravity G01V; {measuring or recording the speed of trains B61L 23/00; speed indicators incorporated in motor vehicles B60K 35/00; measuring frequency or phase G01R; traffic control G08G})

Type*	Location	Old Warning	New/Modified Warning
N	G01P 9/00		Group G01P 9/00 is no longer used for the classification of documents as of January 1, 2022. The content of this group is being reclassified into groups G01C 19/005, G01C 19/065, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185 and G01C 21/188. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01P 9/02		Group G01P 9/02 is no longer used for the classification of documents as of January 1, 2022. The content of this group is being reclassified into groups G01C 19/005, G01C 19/02, G01C 19/025, G01C 19/04, G01C 19/06, G01C 19/065, G01C 19/08, G01C 19/10, G01C 19/12, G01C 19/14, G01C 19/16, G01C 19/18, G01C 19/20, G01C 19/22, G01C 19/24, G01C 19/26, G01C 19/28, G01C 19/30, G01C 19/32, G01C 19/34, G01C 19/36, G01C 19/38, G01C 19/40, G01C 19/42, G01C 19/44, G01C 19/46, G01C 19/48, G01C 19/50, G01C 19/52, G01C 19/54, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185 and G01C 21/188. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01P 9/04		Group G01P 9/04 is no longer used for the classification of documents as of January 1, 2022. The content of this group is being reclassified into groups G01C 19/005, G01C 19/56, G01C 19/5607, G01C 19/5614, G01C 19/5621, G01C 19/5628, G01C 19/5635, G01C 19/5642, G01C 19/5649, G01C 19/5656, G01C 19/5663, G01C 19/567, G01C 19/5677, G01C 19/5684, G01C 19/5691, G01C 19/5698, G01C 19/5705, G01C 19/5712, G01C 19/5719, G01C 19/5726, G01C 19/5733, G01C 19/574, G01C 19/5747, G01C 19/5755, G01C 19/5762, G01C 19/5769,

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Type*	Location	Old Warning	New/Modified Warning
			G01C 19/5776, G01C 19/5783, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185 and G01C 21/188. All groups listed in this Warning 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.

3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
F	G01P 9/00	G01C 19/005, G01C 19/065, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188
F	G01P 9/02	G01C 19/005,G01C 19/02, G01C 19/025, G01C 19/04, G01C 19/06, G01C 19/065, G01C 19/08, G01C 19/10, G01C 19/12, G01C 19/14, G01C 19/16, G01C 19/18, G01C 19/20, G01C 19/22, G01C 19/24, G01C 19/26, G01C 19/28, G01C 19/30, G01C 19/32, G01C 19/34, G01C 19/36, G01C 19/38, G01C 19/40, G01C 19/42, G01C 19/44, G01C 19/46, G01C 19/48, G01C 19/50, G01C 19/52, G01C 19/54, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188
F	G01P 9/04	G01C 19/005,G01C 19/56, G01C 19/5607, G01C 19/5614, G01C 19/5621, G01C 19/5628, G01C 19/5635, G01C 19/5642, G01C 19/5649, G01C 19/5656, G01C 19/5663, G01C 19/567, G01C 19/5677, G01C 19/5684, G01C 19/5691, G01C 19/5698, G01C 19/5705, G01C 19/5712, G01C 19/5719, G01C 19/5726, G01C 19/5733, G01C 19/574, G01C 19/5747, G01C 19/5755, G01C 19/5762, G01C 19/5769, G01C 19/5776, G01C 19/5783, G01C 21/16, G01C 21/165, G01C 21/1652, G01C 21/1654, G01C 21/1656, G01C 21/166, G01C 21/18, G01C 21/183, G01C 21/185, G01C 21/188

* 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:
- <u>Only</u> 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.

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

CPC	**IPC**	**Action***
G01C 19/005	G01C 19/00	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.

5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

Location of reference to be changed	**Referenced subclass or group to be changed**	**Section of definition**	**Action; New reference symbol; New text**
G01C	G01P9/00	Informative references	Delete the following reference: Measuring speed by using the gyroscopic effect G01P 9/00
G01P3/00	G01P9/00	Limiting references	Delete the following reference: Measuring speed by using gyroscopic effect G01P 9/00

NOTES:
- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions <u>inside</u> 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.