

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1756

DATE: JANUARY 1, 2025

PROJECT MP12034

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	G01C	9/12
	G01C	19/721
	G01C	21/203, 21/3423, 21/343, 21/3438, 21/3446, 21/3461
DEFINITIONS:		
Definitions New:	G01C	21/3423
	G01C	21/343
	G01C	21/3438
Definitions Modified:	G01C	3/00
	G01C	19/721
	G01C	22/006

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 G01C - MEASURING DISTANCES, LEVELS OR BEARINGS; SURVEYING; NAVIGATION; GYROSCOPIC INSTRUMENTS; PHOTOGRAMMETRY OR VIDEOGRAMMETRY**

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[#]
M	G01C9/12	1	by using a single pendulum (plumb lines G01C15/10)	
U	G01C19/00	0	Gyroscopes; Turn-sensitive devices using vibrating masses; Turn-sensitive devices without moving masses; Measuring an angular rate using gyroscopic effects	
U	G01C19/58	1	Turn-sensitive devices without moving masses	
U	G01C19/64	2	Gyrometers using the Sagnac effect, i.e. rotation-induced shifts between counter-rotating electromagnetic beams	
U	G01C19/72	3	with counter-rotating light beams in a passive ring, e.g. fibre laser gyrometers	
M	G01C19/721	4	{Details, e.g. optical or electronical details}	
U	G01C21/00	0	Navigation; Navigational instruments not provided for in groups G01C1/00 - G01C19/00 (measuring distance traversed on the ground by a vehicle G01C22/00; control of position, course, altitude or attitude of vehicles G05D1/00; traffic control systems for road vehicles involving transmission of navigation instructions to the vehicle G08G1/0968)	
U	G01C21/20	1	Instruments for performing navigational calculations (G01C21/24, G01C21/26 take precedence)	
M	G01C21/203	2	{specially adapted for water-borne vessels}	
U	G01C21/26	1	specially adapted for navigation in a road network	
U	G01C21/34	2	Route searching; Route guidance	
U	G01C21/3407	3	{specially adapted for specific applications}	
M	G01C21/3423	4	{Multimodal routing}	
M	G01C21/343	4	{Calculating itineraries (travelling salesman problem G06Q10/04; optimisation of routes G06Q10/047)}	
M	G01C21/3438	4	{Rendezvous; Ride sharing}	
M	G01C21/3446	3	{Details of route searching algorithms, e.g. Dijkstra, A*, arc-flags or using precalculated routes}	
U	G01C21/3453	3	{Special cost functions, i.e. other than distance or default speed limit of road segments}	
M	G01C21/3461	4	{Preferred or disfavoured areas, e.g. dangerous zones, toll or emission zones, intersections, manoeuvre types or segments such as motorways, toll roads or ferries}	
U	G01C21/3469	4	{Fuel consumption; Energy use; Emission aspects}	

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*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 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.

2. A. DEFINITIONS (new)

G01C21/3423

Definition statement

This place covers:

Combining two or more modes of transportation, where the modes can be any of, e.g. driving, walking, cycling or public transport.

G01C21/343

Definition statement

This place covers:

Routes leading from a starting point to a series of categorical destinations using a global route restraint, round trips or touristic trips.

G01C21/3438

Definition statement

This place covers:

- Searching a destination where several users can meet, and the routes to this destination for these users.
- Searching a route such that at least two users can share a vehicle for at least part of the route.

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2. A. DEFINITIONS (modified)

G01C3/00

References

Informative references

Insert: The following new row into the existing Informative references table.

Systems determining position data of a target using the reflection of electromagnetic waves other than radio waves for measuring distance only	G01S17/08
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G01C19/721

References

Informative references

Replace: The existing Informative references table with the following updated table.

Fibre ring lasers	H01S3/06791
Amplified spontaneous emission sources for fibre laser gyrometers	H01S3/06795

G01C22/006

References

Informative references

Insert: The following new row into the existing Informative references table.

Detectors of external physical values for measuring physiological data	G04G21/025
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