

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 583

DATE: JANUARY 1, 2019

PROJECT RP0561

**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 Deleted:	G01N	33/203, 33/206
Symbols New:	G01N	33/202, 33/2022, 33/2025, 33/2028, 33/204, 33/2045, 33/205, 33/207, 33/208
Titles Changed:	G01N	33/00, 33/15, 33/18, 33/24, 33/48, 33/49, 33/497, 33/546, 33/547, 33/549, 33/563
Warnings New:	G01N	33/20, 33/202, 33/2022, 33/2028, 33/204, 33/2045, 33/207, 33/208
<b>DEFINITIONS:</b>		
Definitions Modified:	G01N	33/00, 33/48

**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 G01N - INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES** (separating components of materials in general B01D, B01J, B03, B07; apparatus fully provided for in a single other subclass, see the relevant subclass, e.g. B01L; measuring or testing processes other than immunoassay, involving enzymes or microorganisms C12M, C12Q; investigation of foundation soil in situ E02D1/00; sensing humidity changes for compensating measurements of other variables or for compensating readings of instruments for variations in humidity, see G01D or the relevant subclass for the variable measured; testing or determining the properties of structures G01M; measuring or investigating electric or magnetic properties of materials G01R; systems or methods in general, using reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; determining sensitivity, graininess, or density of photographic materials G03C5/02; testing component parts of nuclear reactors G21C17/00; {controlling or regulating non-electric variables G05D; measuring degree of ionisation of ionised gases, i.e. plasma H05H1/0006; testing electrographic developer properties G03G15/0848})

<u>Type</u> *	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	G01N 33/00	0	Investigating or analysing materials by specific methods not covered by groups G01N 1/00-G01N 31/00	
M	G01N 33/15	1	Medicinal preparations {; Physical properties thereof, e.g. dissolubility (drug screening with animal cells G01N 33/5008)}	
M	G01N 33/18	1	Water	
C	G01N 33/20	1	Metals	G01N 33/20, G01N 33/202, G01N 33/2022, G01N 33/2028, G01N 33/204, G01N 33/2045, G01N 33/207, G01N 33/208
N	G01N 33/202	2	Constituents thereof	
N	G01N 33/2022	3	Non-metallic constituents	
N	G01N 33/2025	4	Gaseous constituents	
N	G01N 33/2028	3	Metallic constituents	

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<b>Type</b> *	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to<sup>#</sup></b>
D	G01N 33/203	2	{for the presence of a volatilizable, e.g. gaseous component}	<administrative transfer to G01N 33/2025>
N	G01N 33/204	2	Structure thereof, e.g. crystal structure	
N	G01N 33/2045	3	Defects	
N	G01N 33/205	2	in liquid state, e.g. molten metals	
D	G01N 33/206	2	{in molten state, e.g. after local fusion}	<administrative transfer to G01N 33/205>
N	G01N 33/207	2	Welded or soldered joints; Solderability	
N	G01N 33/208	2	Coatings, e.g. platings	
M	G01N 33/24	1	Earth materials (G01N 33/42 takes precedence)	
M	G01N 33/48	1	Biological material, e.g. blood, urine (G01N 33/02, G01N 33/26, G01N 33/44, G01N 33/46 take precedence); Haemocytometers (counting blood corpuscles distributed over a surface by scanning the surface G06M 11/02)	
M	G01N 33/49	4	Blood {(chemical methods for determining blood cell populations G01N 33/5094; chemical analysis of blood groups or blood types G01N 33/80)}	
M	G01N 33/497	3	of gaseous biological material, e.g. breath	
M	G01N 33/546	7	as water suspendable particles {(insoluble carriers for immobilising immunochemicals G01N 33/54313)}	
M	G01N 33/547	7	with antigen or antibody attached to the carrier via a bridging agent {(ligands attached to the carrier via a chemical coupling agent G01N 33/54353)}	
M	G01N 33/549	6	with antigen or antibody entrapped within the carrier {(with ligand physically entrapped within the solid phase G01N 33/5436)}	

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<u>Type</u> *	<u>Symbol</u>	<u>Indent Level Number of dots</u> (e.g. 0, 1, 2)	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to</u> <sup>#</sup>
M	G01N 33/563	4	involving antibody fragments {(G01N 33/6857 takes precedence)}	

\*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; E= 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 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.

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

**SUBCLASS G01N - INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES (separating components of materials in general B01D, B01J, B03, B07; apparatus fully provided for in a single other subclass, see the relevant subclass, e.g. B01L; measuring or testing processes other than immunoassay, involving enzymes or microorganisms C12M, C12Q; investigation of foundation soil in situ E02D1/00; sensing humidity changes for compensating measurements of other variables or for compensating readings of instruments for variations in humidity, see G01D or the relevant subclass for the variable measured; testing or determining the properties of structures G01M; measuring or investigating electric or magnetic properties of materials G01R; systems or methods in general, using reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; determining sensivity, graininess, or density of photographic materials G03C5/02; testing component parts of nuclear reactors G21C17/00; {controlling or regulating non-electric variables G05D; measuring degree of ionisation of ionised gases, i.e. plasma H05H1/0006; testing electrographic developer properties G03G15/0848})**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	G01N 33/20		Group G01N 33/20 is impacted by reclassification into groups G01N 33/202, G01N 33/2022, G01N 33/2028, G01N 33/204, G01N 33/2045, G01N 33/207, and G01N 33/208. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01N 33/202		Group G01N 33/202 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/202 should be considered in order to perform a complete search.
N	G01N 33/2022		Group G01N 33/2022 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/2022 should be considered in order to perform a complete search.
N	G01N 33/2028		Group G01N 33/2028 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/2028 should be considered in order to perform a complete search.
N	G01N 33/204		Group G01N 33/204 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/204 should be considered in order to perform a complete search.
N	G01N 33/2045		Group G01N 33/2045 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/2045 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	G01N 33/207		Group G01N 33/207 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/207 should be considered in order to perform a complete search.
N	G01N 33/208		Group G01N 33/208 is incomplete pending reclassification of documents from group G01N 33/20. Groups G01N 33/20 and G01N 33/208 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.

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## 2. A. DEFINITIONS (modified)

### G01N 33/00

#### References

#### *Application-oriented references*

**Delete:** The following row from the Application-oriented references table:

Immunoassay	G01N 33/53
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**Insert:** The following new row in the Application-oriented references table:

Determining the germinating capacity of seeds	A01C 1/02
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### G01N 33/48

**Insert:** The following new References/Limiting references section and table:

#### References

#### Limiting references

*This place does not cover:*

Investigating or analysing food	G01N 33/02
Investigating or analysing oils, viscous liquids, paints or inks	G01N 33/26
Investigating or analysing resins, plastics, rubber or leather	G01N 33/44
Investigating or analysing wood	G01N 33/46
Counting blood corpuscles distributed over a surface by scanning the surface	G06M 11/02

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## **Special rules of classification**

**Replace:** The words “in symbols” with the words “covered by groups” in the Special rules of classification section so that the text reads as follows:

Methods of physical analysis are covered by groups [G01N 33/483](#) - [G01N 33/4972](#).

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	G01N 33/20	G01N 33/20, G01N 33/202, G01N 33/2022, G01N 33/2028, G01N 33/204, G01N 33/2045, G01N 33/207, G01N 33/208
D	G01N 33/203	<administrative transfer to G01N 33/2025>
D	G01N 33/206	<administrative transfer to G01N 33/205>

\* 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>
G01N 33/202	G01N 33/202	NEW
G01N 33/2022	G01N 33/2022	NEW
G01N 33/2025	G01N 33/2025	NEW
G01N 33/2028	G01N 33/2028	NEW
G01N 33/203		DELETE
G01N 33/204	G01N 33/204	NEW
G01N 33/2045	G01N 33/2045	NEW
G01N 33/205	G01N 33/205	NEW
G01N 33/206		DELETE
G01N 33/207	G01N 33/207	NEW
G01N 33/208	G01N 33/208	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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.