

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 748

DATE: JANUARY 1, 2020

PROJECT RP0609

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:	G01N	23/00
	G01N	23/2005
DEFINITIONS:		
Definitions New:	G01N	23/04
	G01N	23/046
	G01N	23/095
	G01N	23/2005
	G01N	23/2202
	G01N	23/2209
Definitions Modified:	G01N	23/00

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**

<u>Type</u> *	<u>Symbol</u>	<u>Indent Level</u> <u>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> [#]
M	G01N 23/00	0	Investigating or analysing materials by the use of wave or particle radiation, e.g. X-rays or neutrons, not covered by groups G01N 3/00 – G01N 17/00, G01N 21/00 or G01N 22/00	
M	G01N 23/2005	3	Preparation of powder samples therefor	

*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 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.

2. A. DEFINITIONS (New)

Insert the following new definitions.

G01N 23/04

References

Informative references

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

Transforming X-rays with video transmission of fluoroscopic images	H04N 5/321
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G01N 23/046

References

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Radiation tomography used in diagnosis	A61B 6/03
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G01N 23/095

References

Informative references

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

Resonant absorbers or driving arrangements therefor, e.g. for Moessbauer-effect devices	G21K 1/12
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G01N 23/2005

References

Informative references

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

Preparing specimens in general	G01N 1/28
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G01N 23/2202

References

Informative references

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

Preparing specimens in general	G01N 1/28
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G01N 23/2209

References

Informative references

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

Analysis by X-ray fluorescence in general	G01N 23/223
Spectrometry of X-rays or gamma-ray beams per se	G01T 1/36

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2. A. DEFINITIONS (Modified)

G01N 23/00

Delete: The entire Relationships with other classification places section shown below.

Relationships with other classification places

X-ray tubes, electron microscopes and all related devices per se are classified in their relevant places, e.g. [H01J 37/00](#), [H01J 49/00](#).

Application-oriented references

Delete: The second row shown below from the Application-oriented references section.

Detecting of hidden objects such as weapons or explosives (e.g. baggage/container scanning, airport X-ray scanners)	G01V 5/0008
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References out of a residual place

Insert: In the References out of a residual place section, the following new row.

Investigating or analysing materials by the use of Terahertz radiation	G01N 21/3581
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Informative references

Delete: From the Informative references table the following two rows.

Nuclear reactors	G21C
Electric discharge tubes or discharge lamps, e.g. X-ray tubes, electron microscopy	H01J, H01J 35/00, H01J 37/00

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Insert: In the Informative references table the following new rows.

Devices or arrangements for monitoring or testing fuel or fuel elements outside the reactor core, e.g. for burn-up, for contamination	G21C 17/06
X-ray tubes	H01J 35/00
Discharge tubes with provision for introducing objects or material to be exposed to the discharge, e.g. electron microscopes	H01J 37/00