

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	G01T	1/20181
		1/20182
		1/20183
		1/20184
		1/20185
		1/20186
		1/20187
		1/20188
		1/20189
		1/2019
Titles Changed:	G01T	1/2018
Warnings New:	G01T	1/2018
		1/20181
		1/20182
		1/20183
		1/20184
		1/20185
		1/20186
		1/20187
		1/20188
Definitions (New)	G01T	1/20184

No other subclasses/groups are impacted by this Notice of Changes.

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

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)

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS G01T – MEASUREMENT OF NUCLEAR OR X-RADIATION**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
U	G01T 1/20	2	with scintillation detectors	
C	G01T 1/2018	3	{Scintillation-photodiode combinations}	G01T 1/2018, G01T 1/20181, G01T 1/20182, G01T 1/20183, G01T 1/20184, G01T 1/20185, G01T 1/20186, G01T 1/20187 G01T 1/20188, G01T 1/20189, G01T 1/2019
N	G01T 1/20181	4	{Stacked detectors, e.g. for measuring energy and positional information (using a combination of different types of scintillation detectors, e.g. phoswich detectors, G01T 1/2008)}	
N	G01T 1/20182	4	{Modular detectors, e.g. tiled scintillators or tiled photodiodes (stacked detectors G01T 1/20181)}	
N	G01T 1/20183	4	{Arrangements for preventing or correcting crosstalk, e.g. optical or electrical arrangements for correcting crosstalk}	
N	G01T 1/20184	4	{Detector read-out circuitry, e.g. for clearing of traps, compensating for traps or compensating for direct hits}	
N	G01T 1/20185	4	{Coupling means between the photodiode and the scintillator, e.g. optical couplings using adhesives with wavelength-shifting fibres}	
N	G01T 1/20186	4	{Position of the photodiode with respect to the incoming radiation, e.g. in the front of, below or sideways the scintillator}	
N	G01T 1/20187	4	{Position of the scintillator with respect to the photodiode, e.g. photodiode surrounding the crystal, the crystal surrounding the photodiode, shape or size of the scintillator}	
N	G01T 1/20188	4	{Auxiliary details, e.g. casings or cooling}	
N	G01T 1/20189	5	{Damping or insulation against damage, e.g. caused by heat or pressure}	
N	G01T 1/2019	5	{Shielding against direct hits}	

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

*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.

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

B. New, Modified or Deleted Warning(s)

SUBCLASS G01T – MEASUREMENT OF NUCLEAR OR X-RADIATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G01T1/2018		Group G01T1/2018 is impacted by reclassification into groups G01T1/20181- G01T1/2019. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01T1/20181		Group G01T1/20181 is incomplete pending reclassification from group G01T1/2018. Group G01T 1/2018 and G01T1/20181 should be considered in order to perform a complete search.
N	G01T 1/20182		Group G01T1/20182 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20182 should be considered in order to perform a complete search.
N	G01T 1/20183		Group G01T1/20183 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20183 should be considered in order to perform a complete search.
N	G01T 1/20184		Group G01T1/20184 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20184 should be considered in order to perform a complete search.
N	G01T 1/20185		Group G01T1/20185 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20185 should be considered in order to perform a complete search.
N	G01T 1/20186		Group G01T1/20186 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20186 should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G01T 1/20187		Group G01T1/20187 is incomplete pending reclassification from group G01T1/2018. Groups G01T 1/2018 and G01T1/20187 should be considered in order to perform a complete search.
N	G01T 1/20188		Groups G01T1/20188, G01T 1/20189, and G01T1/2019 are incomplete pending reclassification from group G01T1/2018. 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.

2. A. DEFINITIONS (new)

G01T 1/20184

References

Informative references

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

Devices and applications with image sensors transforming X-rays	H04N 5/32
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CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	G01T1/2018	G01T 1/2018, G01T 1/20181, G01T 1/20182, G01T 1/20183, G01T 1/20184, G01T 1/20185, G01T 1/20186, G01T 1/20187, G01T 1/20188, G01T 1/20189, G01T 1/2019

* 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.

NOTES:

- Only C, D, and Q type entries are included in the table above.
- When multiple symbols are included in the “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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

CPC NOTICE OF CHANGES 849

DATE: MAY 1, 2020

PROJECT RP0287

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G01T 1/20181	G01T 1/20	NEW
G01T 1/20182	G01T 1/20	NEW
G01T 1/20183	G01T 1/20	NEW
G01T 1/20184	G01T 1/20	NEW
G01T 1/20185	G01T 1/20	NEW
G01T 1/20186	G01T 1/20	NEW
G01T 1/20187	G01T 1/20	NEW
G01T 1/20188	G01T 1/20	NEW
G01T 1/20189	G01T 1/20	NEW
G01T 1/2019	G01T 1/20	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.