

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1405

DATE: FEBRUARY 1, 2023

PROJECT MP11776

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>		
Titles Changed:	H05G	Subclass
	H05G	1/24, 1/26, 1/32, 1/34, 1/48
	H05G	2/00
<b>DEFINITIONS:</b>		
Definitions New:	H05G	1/24, 1/26, 1/32, 1/34, 1/48, 1/54
Definitions Modified:	H05G	Subclass
	H05G	2/00

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 H05G – X-RAY TECHNIQUE**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<u>Transferred to<sup>#</sup></u>
M	H05G	Subclass	X-RAY TECHNIQUE (investigating or analysing materials by the use of X-rays G01N 23/00; apparatus for X-ray photography G03B 42/02; X-ray tubes H01J 35/00; TV systems having X-ray input H04N 5/321)	
M	H05G 1/24	4	Obtaining pulses by using energy storage devices	
M	H05G 1/26	2	Measuring, controlling or protecting (measuring X-ray radiation G01T)	
M	H05G 1/32	4	Supply voltage of the X-ray apparatus or tube	
M	H05G 1/34	4	Anode current, heater current or heater voltage of X-ray tube	
M	H05G 1/48	4	Compensating the voltage drop occurring at the instant of switching-on of the apparatus	
M	H05G 2/00	0	Apparatus or processes specially adapted for producing X-rays, not involving X-ray tubes, e.g. involving generation of a plasma (X-ray lasers H01S 4/00)	

\*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.

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- 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:

### H05G 1/24

#### References

##### *Informative references*

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

Pulse generators	H03K
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### H05G 1/26

#### References

##### *Limiting references*

This place does not cover:

Measuring X-ray radiation	G01T
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##### *Informative references*

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

Measuring electric values	G01R
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## H05G 1/32

### **Informative references**

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

Regulating supply without reference to operating characteristics of the apparatus	G05F
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## H05G 1/34

### **Informative references**

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

Regulating supply without reference to operating characteristics of the apparatus	G05F
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## H05G 1/48

### **Informative references**

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

Regulating supply without reference to operating characteristics of the apparatus	G05F
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## H05G 1/54

### **References**

### **Limiting references**

This place does not cover:

Overload protection combined with control	H05G 1/46
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## 2. A. DEFINITIONS (modified)

### H05G

#### References

#### *Limiting references*

Replace: The existing Limiting references table with the following revised table:

Investigating or analysing materials by the use of X-rays	<a href="#">G01N 23/00</a>
Apparatus for X-ray photography	<a href="#">G03B 42/02</a>
X-ray tubes	<a href="#">H01J 35/00</a>
TV systems having X-ray input	<a href="#">H04N 5/321</a>

Insert: The following new Informative references table:

#### *Informative references*

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

Apparatus for radiation diagnosis	<a href="#">A61B 6/00</a>
X-ray therapy	<a href="#">A61N</a>
Filters, conversion screens or microscopes	<a href="#">G21K</a>

### H05G 2/00

Delete: The entire Definition statement.

#### References

#### *Limiting references*

Replace: The existing Limiting references table with the following revised table:

X-ray lasers	<a href="#">H01S 4/00</a>
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***Informative references***

Replace: The existing Informative reference table.

Plasma technique in general	<a href="#">H05H</a>
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Delete: The entire Glossary of terms section.