

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1747

DATE: MAY 1, 2025

PROJECT MP12386

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:	H03G	1/0011, 1/0017, 1/0029, 1/007
	H03G	3/26, 3/28, 3/3042, 3/34
	H03G	7/00
	H03G	11/00
Warnings Deleted:	H03G	SUBCLASS
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)		
Definitions New:	H03G	11/004, 11/006, 11/06,
Definitions Modified:	H03G	3/3042, 7/00, 11/00, 11/04, 11/08

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 H03G - CONTROL OF AMPLIFICATION**

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[#]
U	H03G	Subclass	CONTROL OF AMPLIFICATION	
M	H03G 1/0011	2	{the device being at least one of the amplifying tube elements}	
M	H03G1/0017	2	{the device being at least one of the amplifying solid-state elements}	
M	H03G1/0029	3	{using field-effect transistors [FET]}	
M	H03G1/007	3	{using field-effect transistors [FET]}	
M	H03G 3/26	3	Muting amplifier when no signal is present	
M	H03G 3/28	4	in frequency-modulation receivers	
M	H03G3/3042	4	{in modulators, frequency-changers, transmitters or power amplifiers}	
M	H03G 3/34	3	Muting amplifier when no signal is present	
M	H03G7/00	0	Volume compression or expansion in amplifiers {(frequency dependent H03G 9/025)}	
M	H03G11/00	0	Limiting amplitude; Limiting rate of change of amplitude	

*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.

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- “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.

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

SUBCLASS H03G - CONTROL OF AMPLIFICATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
D	H03G	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	Delete the entire Warning.

*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 (new)

H03G 11/004

Definition statement

This place covers:

This subgroup includes inventions where a discharge or vacuum tube is the important element for clipping.

References

Limiting references

This place does not cover:

Of digital or coded signals	H03G 11/008
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H03G 11/006

Definition statement

This place covers:

This subgroup includes inventions where circuit with a distributed constant, e.g. transmission line, is the important element for clipping.

References

Limiting references

This place does not cover:

Of digital or coded signals	H03G 11/008
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H03G 11/06

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Definition statement

This place covers:

This subgroup includes inventions where angle-modulated signals are limited.

References

Limiting references

This place does not cover:

Discriminators having an inherent limiting action	H03D 3/00
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2. A. DEFINITIONS (modified)

H03G 3/3042

Insert: The following new Informative references section.

References

Informative references

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

Transmission power control in bidirectional transmission systems	H04W 52/04
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H03G 7/00

Insert: The following new Limiting references section.

References

Limiting references

This place does not cover:

Frequency-dependent volume compression or expansion	H03G 9/025
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H03G 11/00

Replace: The existing Definition statement with the following updated statement.

Definition statement

This place covers:

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This main group covers clipping systems, where the clipping covered by this group is defined to include a hard cut. Compression is when the amplitude of a signal is limited using soft clipping. Compression and soft clipping are classified in H03G 7/00.

References

Delete: The entire Limiting references sections.

Insert: The following new Informative references.

Informative references

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

Volume/level/amplitude compression/soft clipping	H03G 7/00
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[H03G 11/04](#)

Insert: The following new Limiting references section.

References

Limiting references

This place does not cover:

Of digital or coded signals	H03G 11/008
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H03G 11/08

References

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Of digital or coded signals	H03G 11/008
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