

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1838

DATE: JANUARY 1, 2026

PROJECT RP12813

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	G06G	7/625
Symbols New:	G06G	7/623, 7/627
Titles Changed:	G06G	1/00
	G06G	5/00
	G06G	7/04, 7/12, 7/164, 7/19, 7/20, 7/26, 7/40, 7/62, 7/72
Warnings Modified:	G06G	SUBCLASS
Warnings New:	G06G	7/62, 7/627
DEFINITIONS:		
Definitions New:	G06G	7/04, 7/12, 7/19, 7/20, 7/26, 7/623, 7/627, 7/72
Definitions Modified:	G06G	SUBCLASS
	G06G	1/00, 5/00, 7/00

This Notice of Changes includes the following:

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 G06G – ANALOGUE COMPUTERS

<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[#]</u>
U	G06G		ANALOGUE COMPUTERS (analogue optical computing devices G06E 3/00)	
M	G06G 1/00	0	Hand-manipulated computing devices	
M	G06G 5/00	0	Devices in which the computing operation is performed by means of fluid-pressure elements	
U	G06G 7/00	0	Devices in which the computing operation is performed by varying electric or magnetic quantities	
M	G06G 7/04	1	Input or output devices	
M	G06G 7/12	1	Arrangements for performing computing operations, e.g. {operational} amplifiers specially adapted therefor	
M	G06G 7/164	3	using means for evaluating powers, e.g. quarter square multiplier (for evaluating powers G06G 7/20)	
M	G06G 7/19	2	for forming integrals of products, e.g. Fourier integrals, Laplace integrals or correlation integrals; for analysis or synthesis of functions using orthogonal functions	
M	G06G 7/20	2	for evaluating powers, roots, polynomes, mean square values or standard deviation (G06G 7/122, G06G 7/28 take precedence)	
M	G06G 7/26	2	Arbitrary function generators (using orthogonal functions, e.g. Fourier series, G06G 7/19)	
M	G06G 7/40	4	of partial differential equations {of field or wave equations} (analogue computers for specific processes, systems or devices, e.g. simulators, G06G 7/48)	
C	G06G 7/62	2	for electric systems or apparatus	G06G 7/62, G06G 7/627
N	G06G 7/623	3	{for filters; for delay lines}	
D	G06G 7/625	3	for filters; for delay lines {(measuring characteristics of electric networks, e.g. plotting Nyquist diagram G01R 27/28)}	<administrative transfer to G06G 7/623>

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<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>
N	G06G 7/627	3	{for impedance networks, e.g. determining response, poles or zeros or Nyquist diagram}	
M	G06G 7/72	3	Flight simulators	

*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 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 G06G – ANALOGUE COMPUTERS**

Type*	Location	Old Warning	New/Modified Warning
M	G06G	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.	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: G06G 7/625 covered by G06G 7/627
N	G06G 7/62		Group G06G 7/62 is impacted by reclassification into group G06G 7/627. Groups G06G 7/62 and G06G 7/627 should be considered in order to perform a complete search.
N	G06G 7/627		Group G06G 7/627 is incomplete pending reclassification of documents from group G06G 7/62. Groups G06G 7/62 and G06G 7/627 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 (new)

G06G 7/04

References

Informative references

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

Methods or arrangements for graph-reading or for converting the pattern of mechanical parameters, e.g. force or presence, into electrical signals	G06K 11/00
Arrangements for producing a permanent visual presentation of the output data using plotters	G06K 15/22

G06G 7/12

References

Informative references:

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

Amplifiers in general	H03F
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G06G 7/19

References

Informative references:

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

Fourier or spectrum analysis	G01R 23/16
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G06G 7/20**References****Limiting references***This place does not cover:*

Arrangements for optimisation, e.g. least square fitting, linear programming, critical path analysis or gradient method	G06G 7/122
Arbitrary function generators for synthesising functions by piecewise approximation	G06G 7/28

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*

Picture signal circuitry for gamma control in television systems	H04N 5/202
Circuits for processing colour signals for modifying the colour signals by gamma correction in colour television systems	H04N 9/69

G06G 7/26**References****Limiting references***This place does not cover:*

Arrangements for analysis or synthesis of functions using orthogonal functions	G06G 7/19
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Informative references:*Attention is drawn to the following places, which may be of interest for search:*

Methods or arrangements for graph-reading using automatic curve followers	G06K 11/02
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G06G 7/623

References

Informative references:

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

Arrangements for measuring resistance, reactance, impedance or electric characteristics derived therefrom	G01R 27/00
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G06G 7/627

References

Informative references:

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

Measuring attenuation, gain, phase shift or derived characteristics of electric four-pole networks	G01R 27/28
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G06G 7/72

References

Informative references:

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

Simulators for teaching of control of aircraft, e.g. link trainers	G09B 9/08
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2. A. DEFINITIONS (modified)

G06G

References

Limiting references

Delete: The second row so the remaining table appears as below.

Analogue optical computing devices	G06E3/00
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Informative references

Insert: The following new Limiting references section.

Computing arrangements based on specific computational models	G06N
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G06G 1/00

Definition statement

Replace: The first paragraph in the Definition statement with the following updated text. The second paragraph remains the same.

Hand operated, mainly portable, mechanical devices using movable scales (linear or circular) for computing an analogue outcome as a result of the mechanical setting of the input scales.

References

Delete: The entire Limiting references table.

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Informative references

Insert: The new Informative references table.

Measuring arrangements characterised by the use of mechanical techniques for measuring areas, e.g. planimeters	G01B5/26
Digital mechanical computers	G06C
Electronic portable computers	G06F15/02

Special rules of classification

Replace: The Special rules of classification section with the updated text.

The documents should be classified in the subgroups of [G06G1/0005](#) according to their field of application and in the subgroups of [G06G1/02](#) according to their construction.

[G06G 5/00](#)**References**

Delete: The Limiting references section.

Informative references

Insert: The new Informative references table.

Fluid-circuit elements predominantly used for computing or control purpose	F15C
Digital fluid-pressure computing devices	G06D

Delete: The Special rules of classification section.

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G06G 7/00

References

Delete: The Limiting references section.

Informative references

Insert: The new Informative references table.

Processor architectures or configurations for general purpose image data processing, e.g. using neural networks	G06T 1/20
Speech analysis or synthesis	G10L

Special rules of classification

Replace: The Special rules of classification section with the updated text.

Documents are to be classified in these subgroups only if they are used for pure computation per se.

Analogue computation for a specific application is classified in the specific application field only.

This is an old technology that is hardly used anymore for performing computation as such. It is mainly used as a component in larger systems such as analogue control systems and telecommunication devices.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	G06G 7/62	G06G 7/62, G06G 7/627
D	G06G 7/625	<administrative transfer to G06G 7/623>

* 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>
G06G 7/623	G06G 7/62	NEW
G06G 7/625		DELETE
G06G 7/627	G06G 7/62	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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.