

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 591

DATE: JANUARY 1, 2019

PROJECT RP0558

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:	G10C	3/225
	G10C	5/005
Symbols New:	G10C	3/07, 3/23
	G10C	5/10
Titles Changed:	G10C	Subclass
	G10C	1/00, 1/02, 1/04, 1/06
	G10C	3/06, 3/08, 3/10, 3/103, 3/106, 3/14, 3/161, 3/163, 3/165, 3/166, 3/168, 3/20, 3/22, 3/24, 3/26
	G10C	9/00
Indents Changed:	G10C	3/08
Warnings New:	G10C	3/00, 3/07, 3/14, 3/161, 3/166, 3/168, 3/20, 3/22, 3/24, 3/26
Notes New:	G10C	subclass
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	G10C	5/005
Definitions New:	G10C	1/06
	G10C	3/165
	G10C	5/10
Definitions Modified:	G10C	subclass
	G10C	3/26

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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 G10C - HARPSICHORDS, SPINETS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARDS

<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>
M	G10C	Subclass	PIANOS, HARPSICHORDS, SPINETS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARDS (automatic musical instruments G10F)	
M	G10C 1/00	0	General design of pianos, harpsichords, spinets or similar stringed musical instruments with one or more keyboards	
M	G10C 1/02	1	of upright pianos	
M	G10C 1/04	1	of grand pianos	
M	G10C 1/06	1	of harpsichords spinets or similar stringed musical instruments	
C	G10C 3/00	0	Details or accessories	G10C 3/00, G10C 3/07
M	G10C 3/06	1	Resonating means, e.g. soundboards or resonant strings; Fastenings thereof	
N	G10C 3/07	1	Strings (resonant strings G10C 3/06)	
M	G10C 3/08	2	Arrangements thereof	
M	G10C 3/10	1	Tuning pins; Tensioning devices	
M	G10C 3/103	2	the axis of the pins being parallel to the strings	
M	G10C 3/106	2	the axis of the pins being perpendicular to the strings	
U	G10C 3/12	1	Keyboards; Keys	
E	G10C 3/14	2	for playing by the feet	
U	G10C 3/16	1	Actions	
C	G10C 3/161	2	especially adapted for upright pianos	G10C 3/161, G10C 3/166, G10C 3/24
M	G10C 3/163	3	the action being mounted in a plane below the keyboard	
M	G10C 3/165	2	for plucking the strings	
E	G10C 3/166	2	for damping the strings (G10C 3/26 takes precedence)	
C	G10C 3/168	2	with hanging jacks, i.e. jacks connected to hammer-butts or hammer-shanks	G10C 3/166, G10C 3/168, G10C 3/24
U	G10C 3/18	2	Hammers	

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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>
C	G10C 3/20	2	involving the use of hydraulic, pneumatic or electromagnetic means	G10C 3/166, G10C 3/20, G10C 3/24
C	G10C 3/22	2	specially adapted for grand pianos	G10C 3/166, G10C 3/22, G10C 3/24
D	G10C 3/225	3	{the actions, in particular the hammers, being mounted above the strings, i.e. hammers hitting downwards}	<administrative transfer to G10C 3/23>
N	G10C 3/23	3	with hammers mounted above the strings, striking downwards	
E	G10C 3/24	2	Repetition [tremolo] mechanisms	
C	G10C 3/26	1	Pedals or pedal mechanisms (G10C 3/14 takes precedence); Manually operated sound modification means	G10C 3/14, G10C 3/26
U	G10C 5/00	0	Combinations with other musical instruments, e.g. with bells or xylophones	
D	G10C 5/005	1	{Switching the keyboard from piano playing to playing another instrument}	<administrative transfer to G10C 5/10>
N	G10C 5/10	1	Switching musical instruments to a keyboard, e.g. switching a piano mechanism or an electrophonic instrument to a keyboard; Switching musical instruments to a silent mode	
M	G10C 9/00	0	Methods, tools or materials specially adapted for the manufacture or maintenance of musical instruments covered by this subclass	

*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; E= 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.

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B. New, Modified or Deleted Warning(s)

SUBCLASS G10C – PIANOS, HARPSICHORDS, SPINETS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARDS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G10C 3/00		Group G10C 3/00 is impacted by reclassification into group G10C 3/07. Groups G10C 3/00 and G10C 3/07 should be considered in order to perform a complete search.
N	G10C 3/07		Group G10C 3/07 is incomplete pending reclassification of documents from group G10C 3/00. Groups G10C 3/00 and G10C 3/07 should be considered in order to perform a complete search.
N	G10C 3/14		Group G10C 3/14 is incomplete pending reclassification of documents from group G10C 3/26. Groups G10C 3/26 and G10C 3/14 should be considered in order to perform a complete search.
N	G10C 3/161		Group G10C 3/161 is impacted by reclassification into groups G10C 3/166 and G10C 3/24. Groups G10C 3/161, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.
N	G10C 3/166		Group G10C 3/166 is incomplete pending reclassification of documents from groups G10C 3/161, G10C 3/168, G10C 3/20, and G10C 3/22. All groups listed in this Warning should be considered in order to perform a complete search.
N	G10C 3/168		Group G10C 3/168 is impacted by reclassification into groups G10C 3/166 and G10C 3/24. Groups G10C 3/168, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.
N	G10C 3/20		Group G10C 3/20 is impacted by reclassification into groups G10C 3/166 and G10C 3/24. Groups G10C 3/20, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	G10C 3/22		Group G10C 3/22 is impacted by reclassification into groups G10C 3/166 and G10C 3/24. Groups G10C 3/22, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.
N	G10C 3/24		Group G10C 3/24 is incomplete pending reclassification of documents from groups G10C 3/161, G10C 3/168, G10C 3/20, and G10C 3/22. All groups listed in this Warning should be considered in order to perform a complete search.
N	G10C 3/26		Group G10C 3/26 is impacted by reclassification into group G10C 3/14. Groups G10C 3/26 and G10C 3/14 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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C. New, Modified or Deleted Note(s)

SUBCLASS G10C – PIANOS, HARPSICHORDS, SPINETS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARDS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	G10C		<ol style="list-style-type: none"> 1. In groups G10C 1/00, G10C 3/00 and G10C 9/00, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of their subgroups should be classified in each of those subgroups. 2. In this subclass, the specific types of musical instruments are covered by group G10C 1/00, while aspects relevant to the details thereof or the accessories therefor are covered by groups G10C 3/00-G10C 9/00.

*N = new note, M = modified note, D = deleted note

NOTE: The “Location” column only requires the symbol PRIOR to the location of the note. No further directions such as “before” or “after” are required.

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2. A. DEFINITIONS (new)

Insert: The following new definitions:

G10C 1/06

References

Informative references

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

Keyboard-operated zithers	G10D 3/085
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G10C 3/165

References

Informative references

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

Keyboard-operated zithers	G10D 3/085
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G10C 5/10

Definition statement

This place covers:

Switching the piano into a silent mode.

2. A. DEFINITIONS (modified)

Insert: The following changes into the existing Definitions.

G10C

Definition statement

This place covers:

Replace: The following statement in the Definition statement:

Combinations of said musical instruments with other musical instruments,
e.g., bells or xylophones.

with the following statement:

Combinations of said musical instruments with other musical instruments,
e.g. with bells or xylophones.

References

Limiting references

This place does not cover:

Delete: The following table row from the Limiting references table:

Non-musical aspects of musical toy pianos	A63H 5/00
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Insert: The following table row into the Limiting references table:

Automatic musical instruments	G10F
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Informative references

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

Delete: The following table row from the Informative references table:

Automatic stringed musical instruments other than pianofortes	G10F 1/16
Independent players for keyboard instruments	G10F 3/00
Aids for music; Supports for musical instruments	G10G 5/00

Insert: The following table row into the Informative references table:

Non-musical aspects of musical toy pianos	A63H 5/00
---	-----------

Replace: The existing description for the following references symbols with the following new description:

Stringed musical instruments, e.g. violins, harps, mandolins, guitars, banjos or zithers; Their general design, details or accessories	G10D 1/00, G10D 3/00
Other separate auxiliary devices or accessories for music or musical instruments	G10G 7/00

G10C 3/26

References

Insert: The following new Limiting references section and reference:

Limiting references

This place does not cover:

Keyboards or keys for playing by the feet	G10C 3/14
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G10C 5/005	Definition statement	<i>This place covers:</i> Switching the piano into a silent mode..	<u>Delete:</u> The entire definitions statement and section.

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	G10C 3/00	G10C 3/00, G10C 3/07
C	G10C 3/161	G10C 3/161, G10C 3/166, G10C 3/24
C	G10C 3/168	G10C 3/166, G10C 3/168, G10C 3/24
C	G10C 3/20	G10C 3/166, G10C 3/20, G10C 3/24
C	G10C 3/22	G10C 3/166, G10C 3/22, G10C 3/24
D	G10C 3/225	<administrative transfer to G10C 3/23>
C	G10C 3/26	G10C 3/14, G10C 3/26
D	G10C 5/005	<administrative transfer to G10C 5/10>

* 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>
G10C 3/07	G10C 3/07	NEW
G10C 3/103	G10C 3/103	UPDATE
G10C 3/106	G10C 3/106	UPDATE
G10C 3/161	G10C 3/161	UPDATE
G10C 3/163	G10C 3/163	UPDATE
G10C 3/165	G10C 3/165	UPDATE
G10C 3/166	G10C 3/166	UPDATE
G10C 3/168	G10C 3/168	UPDATE
G10C 3/225		DELETE
G10C 3/23	G10C 3/23	NEW
G10C 5/005		DELETE
G10C 5/10	G10C 5/10	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.