

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1901

DATE: MAY 1, 2026

PROJECT RP0552-F

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:	B23C	2200/283, 2200/286
Warnings Deleted:	B23C	5/202, 5/205, 5/22, 5/2204, 5/2208, 5/2213, 5/2226, 5/2234, 5/2239, 5/2243, 5/2247, 5/2252, 5/226, 5/2265, 5/2269, 5/2273, 5/2278, 5/2291, 5/2295, 5/2298, 5/2301, 5/2304, 5/2306, 5/2309, 5/24, 5/2462, 5/2465, 5/2468, 5/2472, 5/2475, 5/2479, 5/2482, 5/2486, 5/2489, 5/2493, 5/2496, 5/28, 5/281, 5/282, 5/283, 5/285, 5/286
	B23C	2200/28, 2200/281, 2200/283, 2200/284, 2200/286, 2200/287, 2200/289, 2200/291, 2200/293, 2200/36, 2200/364, 2200/369
	B23C	2210/50, 2210/501, 2210/502, 2210/504, 2210/64, 2210/641

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

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 B23C - MILLING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	B23C2200/283	2	Negative cutting angles	<no transfer>
D	B23C2200/286	2	Positive cutting angles	<no transfer>

*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>.

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- 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 B23C - MILLING

Type*	Location	Old Warning notice	New/Modified Warning
D	B23C5/202	Group B23C5/202 is impacted by reclassification into group B23C5/205. Groups B23C5/202 and B23C5/205 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/205	Group B23C5/205 is incomplete pending reclassification of documents from group B23C5/202. Groups B23C5/202 and B23C5/205 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/22	Group B23C5/22 is impacted by reclassification into groups B23C5/2298, B23C5/2301, B23C5/2304, B23C5/2306 and B23C5/2309. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2204	Group B23C5/2204 is impacted by reclassification into group B23C5/2298. Groups B23C5/2204 and B23C5/2298 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2208	Group B23C5/2208 is impacted by reclassification into group B23C5/2301. Groups B23C5/2208 and B23C5/2301 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2213	Group B23C5/2213 is impacted by reclassification into group B23C5/2304. Groups B23C5/2213 and B23C5/2304 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2226	Group B23C5/2226 is impacted by reclassification into group B23C5/2306. Groups B23C5/2226 and B23C5/2306 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2234	Group B23C5/2234 is impacted by reclassification into group B23C5/2309. Groups B23C5/2234 and B23C5/2309 should be considered in order to perform a complete search.	Delete entire warning.

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D	B23C5/2239	Group B23C5/2239 is impacted by reclassification into group B23C5/2298. Groups B23C5/2239 and B23C5/2298 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2243	Group B23C5/2243 is impacted by reclassification into group B23C5/2301. Groups B23C5/2243 and B23C5/2301 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2247	Group B23C5/2247 is impacted by reclassification into group B23C5/2304. Groups B23C5/2247 and B23C5/2304 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2252	Group B23C5/2252 is impacted by reclassification into group B23C5/2306. Groups B23C5/2252 and B23C5/2306 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/226	Group B23C5/226 is impacted by reclassification into group B23C5/2309. Groups B23C5/226 and B23C5/2309 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2265	Group B23C5/2265 is impacted by reclassification into group B23C5/2298. Groups B23C5/2265 and B23C5/2298 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2269	Group B23C5/2269 is impacted by reclassification into group B23C5/2301. Groups B23C5/2269 and B23C5/2301 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2273	Group B23C5/2273 is impacted by reclassification into group B23C5/2304. Groups B23C5/2273 and B23C5/2304 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2278	Group B23C5/2278 is impacted by reclassification into group B23C5/2306. Groups B23C5/2278 and B23C5/2306 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2291	Group B23C5/2291 is impacted by reclassification into group B23C5/2309. Groups B23C5/2291 and B23C5/2309 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2295	Group B23C5/2295 is impacted by reclassification into group B23C5/2298.	Delete entire warning.

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		Groups B23C5/2295 and B23C5/2298 should be considered in order to perform a complete search.	
D	B23C5/2298	Group B23C5/2298 is incomplete pending reclassification of documents from groups B23C5/22, B23C5/2204, B23C5/2239, B23C5/2265 and B23C5/2295. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2301	Group B23C5/2301 is incomplete pending reclassification of documents from groups B23C5/22, B23C5/2208, B23C5/2243 and B23C5/2269. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2304	Group B23C5/2304 is incomplete pending reclassification of documents from groups B23C5/22, B23C5/2213, B23C5/2247 and B23C5/2273. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2306	Group B23C5/2306 is incomplete pending reclassification of documents from groups B23C5/22, B23C5/2226, B23C5/2252 and B23C5/2278. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2309	Group B23C5/2309 is incomplete pending reclassification of documents from groups B23C5/22, B23C5/2234, B23C5/226 and B23C5/2291. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/24	Group B23C5/24 is impacted by reclassification into groups B23C5/2462, B23C5/2465, B23C5/2468, B23C5/2472, B23C5/2475, B23C5/2479, B23C5/2482, B23C5/2486, B23C5/2489, B23C5/2493 and B23C5/2496. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2462	Group B23C5/2462 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2462 should	Delete entire warning.

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		be considered in order to perform a complete search.	
D	B23C5/2465	Group B23C5/2465 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2465 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2468	Group B23C5/2468 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2468 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2472	Group B23C5/2472 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2472 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2475	Group B23C5/2475 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2475 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2479	Group B23C5/2479 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2479 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2482	Group B23C5/2482 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2482 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2486	Group B23C5/2486 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2486 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2489	Group B23C5/2489 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2489 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/2493	Group B23C5/2493 is incomplete pending reclassification of documents from group	Delete entire warning.

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		B23C5/24. Groups B23C5/24 and B23C5/2493 should be considered in order to perform a complete search.	
D	B23C5/2496	Group B23C5/2496 is incomplete pending reclassification of documents from group B23C5/24. Groups B23C5/24 and B23C5/2496 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/28	Group B23C5/28 is impacted by reclassification into groups B23C5/281, B23C5/282, B23C5/283, B23C5/285, B23C5/286 and B23C5/287. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/281	Group B23C5/281 is incomplete pending reclassification of documents from group B23C5/28. Groups B23C5/28 and B23C5/281 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/282	Group B23C5/282 is incomplete pending reclassification of documents from group B23C5/28. Groups B23C5/28 and B23C5/282 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/283	Group B23C5/283 is incomplete pending reclassification of documents from group B23C5/28. Groups B23C5/28 and B23C5/283 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/285	Group B23C5/285 is incomplete pending reclassification of documents from group B23C5/28. Groups B23C5/28 and B23C5/285 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C5/286	Groups B23C5/286 and B23C5/287 are incomplete pending reclassification of documents from group B23C5/28. Groups B23C5/28, B23C5/286 and B23C5/287 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/28	Group B23C2200/28 is impacted by reclassification into groups B23C2200/291 and B23C2200/293. Groups B23C2200/28, B23C2200/291 and	Delete entire warning.

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		B23C2200/293 should be considered in order to perform a complete search.	
D	B23C2200/281	Group B23C2200/281 is incomplete pending reclassification of documents from group B23C2200/283. Groups B23C2200/283 and B23C2200/281 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/283	Group B23C2200/283 is no longer used for the classification of documents as of February 1, 2022. The content of this group is being reclassified into groups B23C2200/281 and B23C2200/284. Groups B23C2200/283, B23C2200/281 and B23C2200/284 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/284	Group B23C2200/284 is incomplete pending reclassification of documents from group B23C2200/283. Groups B23C2200/283 and B23C2200/284 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/286	Group B23C2200/286 is no longer used for the classification of documents as of February 1, 2022. The content of this group is being reclassified into groups B23C2200/287 and B23C2200/289. Groups B23C2200/286, B23C2200/287 and B23C2200/289 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/287	Group B23C2200/287 is incomplete pending reclassification of documents from group B23C2200/286. Groups B23C2200/286 and B23C2200/287 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/289	Group B23C2200/289 is incomplete pending reclassification of documents from group B23C2200/286. Groups B23C2200/286 and B23C2200/289 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/291	Group B23C2200/291 is incomplete pending reclassification of documents from group B23C2200/28. Groups B23C2200/28 and B23C2200/291 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/293	Group B23C2200/293 is incomplete pending reclassification of documents from group	Delete entire warning.

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		B23C2200/28. Groups B23C2200/28 and B23C2200/293 should be considered in order to perform a complete search.	
D	B23C2200/36	Group B23C2200/36 is impacted by reclassification into groups B23C2200/364, B23C2200/369 and B23C2200/3691. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/364	Group B23C2200/364 is incomplete pending reclassification of documents from group B23C2200/36. Groups B23C2200/36 and B23C2200/364 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2200/369	Groups B23C2200/369 and B23C2200/3691 are incomplete pending reclassification of documents from group B23C2200/36. Groups B23C2200/36, B23C2200/369 and B23C2200/3691 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2210/50	Group B23C2210/50 is impacted by reclassification into groups B23C2210/501, B23C2210/502 and B23C2210/504. All groups listed in this Warning should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2210/501	Group B23C2210/501 is incomplete pending reclassification of documents from group B23C2210/50. Groups B23C2210/50 and B23C2210/501 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2210/502	Group B23C2210/502 is incomplete pending reclassification of documents from group B23C2210/50. Groups B23C2210/50 and B23C2210/502 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2210/504	Group B23C2210/504 is incomplete pending reclassification of documents from group B23C2210/50. Groups B23C2210/50 and B23C2210/504 should be considered in order to perform a complete search.	Delete entire warning.
D	B23C2210/64	Group B23C2210/64 is impacted by reclassification into group B23C2210/641. Groups B23C2210/64 and B23C2210/641 should be considered in order to perform a complete search.	Delete entire warning.

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D	B23C2210/641	Group B23C2210/641 is incomplete pending reclassification of documents from group B23C2210/64. Groups B23C2210/64 and B23C2210/641 should be considered in order to perform a complete search.	Delete entire warning.
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*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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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B23C2200/283	<no transfer>
D	B23C2200/286	<no transfer>

* 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 finalization projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B23C2200/283		DELETE
B23C2200/286		DELETE

*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.