

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1674

DATE: JANUARY 1, 2025

PROJECT MP12350

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:	A01B	49/00
	B21D	37/00
	B21D	43/00
	B23Q	11/10
	B27B	1/00
	B27B	29/00
	B62K	19/00
	B62K	21/00
	C07C	49/603
	C07C	50/00
	C07H	23/00
	C08F	30/00
	C08F	130/00
	C08F	230/00
	C09B	69/02
	D06B	21/00
	E04B	1/66
Notes New:	A01B	49/00
	B62K	19/00
	B62K	21/00
	C07H	23/00
	D06B	21/00
DEFINITIONS:		
Definitions Modified:	B21D	37/00
	B21D	43/00
	B23Q	11/10
	B27B	1/00
	B27B	29/00
	B62K	19/00
	B62K	21/00
	C07C	50/00
	C07H	23/00
	C08F	30/00
	C08F	130/00
	C08F	230/00
	D06B	21/00
	E04B	1/66

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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 A01B - SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL

<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	A01B 49/00	0	Combined machines	

SUBCLASS B21D - WORKING OR PROCESSING OF SHEET METAL OR METAL TUBES, RODS OR PROFILES WITHOUT ESSENTIALLY REMOVING MATERIAL; PUNCHING METAL

<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	B21D 37/00	0	Tools as parts of machines covered by this subclass	
M	B21D 43/00	0	Feeding, positioning or storing devices combined with, or arranged in, or specially adapted for use in connection with, apparatus for working or processing sheet metal, metal tubes or metal profiles; Associations therewith of cutting devices	

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SUBCLASS B23Q - DETAILS, COMPONENTS, OR ACCESSORIES FOR MACHINE TOOLS, e.g. ARRANGEMENTS FOR COPYING OR CONTROLLING; MACHINE TOOLS IN GENERAL CHARACTERISED BY THE CONSTRUCTION OF PARTICULAR DETAILS OR COMPONENTS; COMBINATIONS OR ASSOCIATIONS OF METAL-WORKING MACHINES, NOT DIRECTED TO A PARTICULAR RESULT

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B23Q 11/10	1	Arrangements for cooling or lubricating tools or work	

SUBCLASS B27B - SAWS FOR WOOD OR SIMILAR MATERIAL; COMPONENTS OR ACCESSORIES THEREFOR

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B27B 1/00	0	Methods for subdividing trunks or logs essentially involving sawing	
M	B27B 29/00	0	Gripping, clamping or holding devices for the trunk or log in saw mills or sawing machines (sa fety guards or devices specially designed for wood saws B27G19/00); Travelling trunk or log carriages {(for logs being held in a cantilever manner B27B17/0075)}	

SUBCLASS B62K - CYCLES; CYCLE FRAMES; CYCLE STEERING DEVICES; RIDER-OPERATED TERMINAL CONTROLS SPECIALLY ADAPTED FOR CYCLES; CYCLE AXLE SUSPENSIONS; CYCLE SIDE-CARS, FORECARS, OR THE LIKE

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B62K 19/00	0	Cycle frames	
M	B62K 21/00	0	Steering devices	

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SUBCLASS C07C - ACYCLIC OR CARBOCYCLIC COMPOUNDS

<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	C07C 49/603	2	of a six-membered ring, e.g. quinone methides	
M	C07C 50/00	0	Quinones	

SUBCLASS C07H - SUGARS; DERIVATIVES THEREOF; NUCLEOSIDES; NUCLEOTIDES; NUCLEIC ACIDS

<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	C07H 23/00	0	Compounds containing boron, silicon or a metal, e.g. chelates or vitamin B ₁₂ (esters with inorganic acids C07H1 1/00)	

SUBCLASS C08F - MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS

<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	C08F 30/00	0	Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal	
M	C08F 130/00	0	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal	

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M	C08F 230/00	0	Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal	
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SUBCLASS C09B - ORGANIC DYES OR CLOSELY-RELATED COMPOUNDS FOR PRODUCING DYES {, e.g. PIGMENTS}; MORDANTS; LAKES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C09B 69/02	1	Dyestuffsalts, e.g. salts of acid dyes with basic dyes	

SUBCLASS D06B - TREATING TEXTILE MATERIALS USING LIQUIDS, GASES OR VAPOURS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	D06B 21/00	0	Successive treatments of textile materials by liquids, gases or vapours	

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SUBCLASS E04B - GENERAL BUILDING CONSTRUCTIONS; WALLS, e.g. PARTITIONS; ROOFS; FLOORS; CEILINGS; INSULATION OR OTHER PROTECTION OF BUILDINGS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	E04B 1/66	2	Sealings ({damp-proof courses E04B1/644; fire-proof sealings E04B1/948;}) additions of anti-leak properties to plaster C04B; bituminous sealing masses C08L95/00; sealings for hydraulic engineering work in general E02B3/16; against ground humidity or ground water E02D31/02; coverings against rain or other precipitations of the atmosphere E04D)	

*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 Note(s)

SUBCLASS A01B - SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	A01B 49/00		Auxiliary devices attached to machines of a different kind, e.g. harrows attached to ploughs, see relevant groups in A01B 3/00 - A01B 47/00 for the machines.

SUBCLASS B62K - CYCLES; CYCLE FRAMES; CYCLE STEERING DEVICES; RIDER-OPERATED TERMINAL CONTROLS SPECIALLY ADAPTED FOR CYCLES; CYCLE AXLE SUSPENSIONS; CYCLE SIDE-CARS, FORECARS, OR THE LIKE

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	B62K 19/00		Cycle frames specially adapted for one particular kind of cycle specified in groups B62K 1/00 - B62K 17/00, see the relevant group.
N	B62K 21/00		Steering devices specially adapted for one particular kind of cycle specified in groups B62K 1/00 - B62K 17/00, see the relevant group.

SUBCLASS C07H - SUGARS; DERIVATIVES THEREOF; NUCLEOSIDES; NUCLEOTIDES; NUCLEIC ACIDS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C07H 23/00		Metalsalts of a compound are classified as the parent compound.

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SUBCLASS D06B - TREATING TEXTILE MATERIALS USING LIQUIDS, GASES OR VAPOURS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	D06B 21/00		This group <u>covers</u> the combined or successive treatments of textiles using liquids, gases or vapours.

*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.

2. A. DEFINITIONS (modified)

B21D 37/00

References

Delete: The entire Limiting references section.

Informative references

Insert: The following three new rows into the Informative references table:

Yieldable or resilient stamping tools	B21D 22/10
Additional equipment in association with the tools for deep-drawing	B21D 24/16
Mounting of simple tools like perforating punches	B21D 28/34

B21D 43/00

References

Delete: The entire Limiting references section.

Informative references

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

Additional equipment in association with the tools for deep-drawing	B21D 24/16
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B23Q 11/10

Insert: The following new Relationships section:

Relationships with other classification places

Arrangements for cooling or lubricating tools or work incorporated in the tool may be classified in the relevant place for the tool.

References

Insert: The following new References out of a residual place section:

References out of a residual place

Examples of places in relation to which this place is residual:

Cutting tools with special provision for cooling	B23B 27/10
Drills with lubricating or cooling equipment	B23B 51/06
Features relating to lubricating or cooling for milling-cutters	B23C 5/28
Devices for lubricating or cooling circular saw blades	B23D 59/02
Devices for lubricating or cooling straight or strap saw blades	B23D 59/04
Reaming tools with means for lubricating or cooling	B23D 77/006

Informative references

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

Equipment for cooling the grinding surfaces, e.g. devices for feeding coolant	B24B 55/02
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B27B 1/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Saw benches with non-feedable circular saw blades for cross-cutting laterally fed workpieces	B27B 5/228
Cross-cutting reciprocating saws with power drive	B27B 11/00

B27B 29/00

References

Limiting references

Delete: The following row from the Limiting references table:

Gripping, clamping, or holding devices, travelling carriages for other timber	B23D 47/00, B23D 51/00, B23D 55/00, B23D 57/00
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Insert: The following new Informative references section:

Informative references

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

Sawing machines or sawing devices working with circular saw blades, characterised only by constructional features of particular parts	B23D 47/00
Sawing machines or sawing devices working with straight blades, characterised only by constructional features of particular parts; Carrying or attaching means for tools, covered by this subclass, which are connected to a carrier at both ends	B23D 51/00

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Sawing machines or sawing devices working with strap saw blades, characterised only by constructional features of particular parts	B23D 55/00
Sawing machines or sawing devices not covered by one of groups B23D 45/00 - B23D 55/00	B23D 57/00

B62K 19/00

Delete: The entire Limiting references section.

B62K 21/00

Delete: The entire Limiting references section.

C07C 50/00**Definition statement**

Insert: A comma before and a period after "etc" in the second paragraph of text so that the full Definition statement appears as follows:

Unsaturated carbocyclic compounds having at least two CH-moieties in the aromatic skeleton exchanged for a C=O-moiety.

The keto groups can be in the 1,2 or 1,4 or 9,10, etc. positions.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Quinone methides	C07C 49/587
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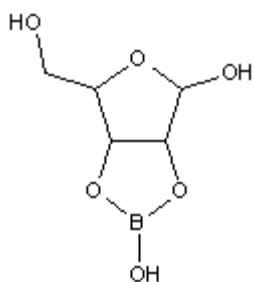
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C07H 23/00**Definition statement**

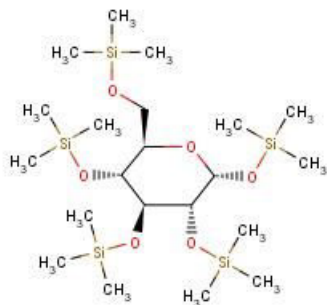
Replace: The existing Definition statement text and images with the following revisions:

Illustrative examples of subject matter classified in this place:

1.



2.



Insert: The following new References/Limiting references section:

References**Limiting references**

This place does not cover:

Esters with inorganic acids	C07H 11/00
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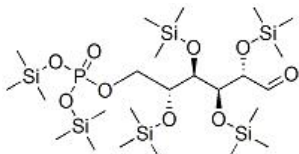
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Insert: The following new Special rules section:

Special rules of classification

Saccharide radicals containing silicon-protecting groups are to be classified in this main group.



C08F 30/00

Insert: The following new References/Informative references section:

References

Informative references

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

Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof	C08F 20/00
Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least one other carboxyl radical in the molecule; Salts, anhydrides, esters, amides, imides, or nitriles thereof	C08F 22/00

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C08F 130/00Insert: The following new References/Informative references section:**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof	C08F 120/00
Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least one other carboxyl radical in the molecule; Salts, anhydrides, esters, amides, imides, or nitriles thereof	C08F 122/00

C08F 230/00Insert: The following new References/Informative references section:**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof	C08F 220/00
Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical and containing at least	C08F 222/00

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one other carboxyl radical in the molecule; Salts, anhydrides, esters, amides, imides, or nitriles thereof	
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D06B 21/00**Definition statement**

Replace: The existing Definition statement text with the following new text:

Two or more treatments in succession of textile materials by liquids, gases or vapours. Successive treatments involve two or more treatments in a series or sequence.

Insert: The following new Relationships section:

Relationships with other classification places

When the treatments are combined or successive such that the features of a single treatment only are of interest, or when all combined or successive treatments are covered by a single main group of this subclass, then classification should be directed to the relevant main groups of D06B 1/00 - D06B 19/00. When they are in combination, that is two or more from the main groups D06B 1/00 - D06B 19/00 are relevant, then they should be co-classified with group D06B 21/00 as well.

E04B 1/66**References****Limiting references**

Delete: The following six rows from the Limiting references table:

Composition of material	C08G, C08L, C09D, C04B
Manufacture of sealing foils	C08J, D06N, B29C, B29D, B32B

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Roofing membranes	E04D 5/00
Repairing sealings	E04G 23/02
Water-proofing of tunnels	E21D 11/38
Sealing where pipes, cables pass through walls or partitions	F16L 5/02

Informative references

Insert: The following four new rows into the Informative references table:

Composition of material	C08G, C09D
Manufacture of sealing foils	B29C, B29D, B32B, C08J, D06N
Water-proofing of tunnels	E21D 11/38
Sealing where pipes, cables pass through walls or partitions	F16L 5/02