

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1079

DATE: MAY 1, 2021

PROJECT RP0389

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:	C22B	3/0001, 3/0002, 3/0004, 3/0005, 3/0006, 3/0008, 3/0009, 3/001, 3/0012, 3/0013, 3/0014, 3/0016, 3/0017, 3/0018, 3/002, 3/0021, 3/0022, 3/0024, 3/0025, 3/0027, 3/0028, 3/0029, 3/0031, 3/0032, 3/0033, 3/0035, 3/0036, 3/0037, 3/0039, 3/004, 3/0041, 3/0043, 3/0044, 3/0045, 3/0047, 3/0048, 3/005, 3/0051, 3/0052, 3/0054, 3/0055, 3/0056, 3/0058, 3/0059, 3/006, 3/0062, 3/0063, 3/0064, 3/0066, 3/0067, 3/0068, 3/007, 3/0071, 3/0072, 3/0074, 3/0075, 3/0077, 3/0078, 3/0079, 3/0081, 3/0082, 3/0083, 3/0085, 3/0086, 3/0087, 3/0089, 3/009, 3/0091, 3/0093, 3/0094, 3/0095, 3/0097, 3/0098
Symbols New:	C22B	3/26, 3/262, 3/28, 3/282, 3/284, 3/286, 3/288, 3/30, 3/302, 3/304, 3/306, 3/32, 3/322, 3/324, 3/326, 3/33, 3/34, 3/36, 3/362, 3/364, 3/37, 3/38, 3/381, 3/382, 3/383, 3/384, 3/3842, 3/3844, 3/3846, 3/385, 3/386, 3/387, 3/40, 3/402, 3/404, 3/406, 3/408, 3/409, 3/41
Titles Changed:	C22B	1/00, 3/22, 3/44, 11/04, 15/0084, 30/04, 34/34, 41/00, 58/00
Warnings Deleted:	C22B	3/0002, 3/0004, 3/0098, 3/14
Warnings New:	C22B	3/26, 3/40
Warnings Modified:	C22B	SUBCLASS
	C22B	3/24, 3/42
Notes New:	C22B	3/26
Notes Modified:	C22B	3/00
DEFINITIONS:		
Definitions New:	C22B	34/34
Definitions Modified:	C22B	3/00

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)

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- 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 C22B - PRODUCTION AND REFINING OF METALS (electrolytic C25); PRETREATMENT OF RAW MATERIALS**

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#
M	C22B1/00	0	Preliminary treatment of ores or scrap	
U	C22B3/00	0	Extraction of metal compounds from ores or concentrates by wet processes	
D	C22B3/0001	1	{Leaching of ores not used, see subgroups}	<administrative transfer to C22B3/04>
D	C22B3/0002	2	{Leaching with an ammoniacal liquor or with a hydroxide of an alkali or an alkaline earth metal}	<administrative transfer to C22B3/14>
D	C22B3/0004	1	{Treatment or purification of solutions, e.g. obtained by leaching (C22B3/04 takes precedence)}	<administrative transfer to C22B3/20>
D	C22B3/0005	2	{by liquid-liquid extraction using organic compounds, e.g. acyclic or carbocyclic compounds, heterocyclic compounds, organo-metallic compounds, alcohols, ethers, or the like (C22B3/205 takes precedence)}	<administrative transfer to C22B3/26>
D	C22B3/0006	3	{using acyclic or carbocyclic compounds}	<administrative transfer to C22B3/26>
D	C22B3/0008	4	{using acyclic or carbocyclic compounds of a single type}	<administrative transfer to C22B3/26>
D	C22B3/0009	5	{using alcohols or phenols}	<administrative transfer to C22B3/262>
D	C22B3/001	5	{using amines (amino acids C22B3/0024)}	<administrative transfer to C22B3/28>
D	C22B3/0012	6	{using aliphatic amines}	<administrative transfer to C22B3/282>
D	C22B3/0013	6	{using aromatic amines}	<administrative transfer to C22B3/284>
D	C22B3/0014	6	{using amino-alcohols}	<administrative transfer to C22B3/286>
D	C22B3/0016	6	{using quaternary ammonium}	<administrative transfer to C22B3/288>
D	C22B3/0017	5	{using oximes}	<administrative transfer to C22B3/30>
D	C22B3/0018	5	{using ethers or epoxides}	<administrative transfer to C22B3/302>

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D	C22B3/002	6	{using crown ethers }	<administrative transfer to C22B3/304>
D	C22B3/0021	5	{using ketones or aldehydes }	<administrative transfer to C22B3/306>
D	C22B3/0022	5	{using organic acids (C22B3/0031, C22B3/0035, C22B3/004 take precedence)}	<administrative transfer to C22B3/26>
D	C22B3/0024	6	{using acids of the carboxylic type or derivatives thereof, e.g. amino acids, nitriles, amides, hydroxamic acids }	<administrative transfer to C22B3/32>
D	C22B3/0025	7	{using oxalic acids }	<administrative transfer to C22B3/322>
D	C22B3/0027	7	{using naphthenic acids }	<administrative transfer to C22B3/324>
D	C22B3/0028	7	{using ramified chain carboxylic acids or derivatives thereof, e.g. "versatic" acids }	<administrative transfer to C22B3/326>
D	C22B3/0029	5	{using cyanic acids or derivatives thereof (C22B3/0031, C22B3/0035, C22B3/004 take precedence)}	<administrative transfer to C22B3/33>
D	C22B3/0031	5	{using organic compounds containing sulfur atom(s), e.g. sulfonium (C22B3/004 takes precedence)}	<administrative transfer to C22B3/34>
D	C22B3/0032	4	{using mixtures of acyclic or carbocyclic compounds of different types (C22B3/0035, C22B3/004 take precedence)}	<administrative transfer to C22B3/402>
D	C22B3/0033	5	{using organic acids added to oximes }	<administrative transfer to C22B3/404>
D	C22B3/0035	3	{using heterocyclic compounds (C22B3/0018, C22B3/002 and C22B3/0031 take precedence)}	<administrative transfer to C22B3/36>
D	C22B3/0036	4	{using heterocyclic compounds of a single type }	<administrative transfer to C22B3/362>
D	C22B3/0037	5	{using quinoline }	<administrative transfer to C22B3/364>
D	C22B3/0039	4	{using a mixture of organic agents wherein one agent at least is a heterocyclic compound (C22B3/004 takes precedence)}	<administrative transfer to C22B3/406>
D	C22B3/004	3	{using organo-metallic compounds or organo compounds of boron, silicon, phosphorus, selenium or tellurim }	<administrative transfer to C22B3/37>
D	C22B3/0041	4	{using organo-metallic compounds of a single type }	<administrative transfer to C22B3/37>
D	C22B3/0043	5	{using phosphorus-based acid derivatives }	<administrative transfer to C22B3/38>
D	C22B3/0044	6	{of a single type }	<administrative transfer to C22B3/38>
D	C22B3/0045	7	{Acyclic compounds }	<administrative transfer to C22B3/38>

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D	C22B3/0047	8	{of the phosphine or phosphane (PH ₃) type}	<administrative transfer to C22B3/381>
D	C22B3/0048	9	{Primary (RPH ₂) compounds}	<administrative transfer to C22B3/381>
D	C22B3/005	9	{Secondary (R ₂ PH) compounds}	<administrative transfer to C22B3/381>
D	C22B3/0051	9	{Tertiary (R ₃ PH) compounds}	<administrative transfer to C22B3/381>
D	C22B3/0052	8	{Chalcogenides of phosphine, e.g. (R ₃ P=X) type with X = O, S, Se or Te; Oxides, Thio-oxides of phosphine}	<administrative transfer to C22B3/382>
D	C22B3/0054	8	{of the phosphorane (PH ₅) type}	<administrative transfer to C22B3/38>
D	C22B3/0055	8	{of the phosphonium (PR ₄) type}	<administrative transfer to C22B3/38>
D	C22B3/0056	8	{Mononuclear oxyacids of tervalent phosphorus or their esters(-ite)}	<administrative transfer to C22B3/383>
D	C22B3/0058	9	{Phosphenous (HOPO) type}	<administrative transfer to C22B3/383>
D	C22B3/0059	9	{Phosphinous (H ₂ POH) type}	<administrative transfer to C22B3/383>
D	C22B3/006	9	{Phosponous (H ₂ P(OH) ₂) type}	<administrative transfer to C22B3/383>
D	C22B3/0062	9	{Phosphorous (P(OH) ₃) type}	<administrative transfer to C22B3/383>
D	C22B3/0063	8	{Mononuclear oxyacids of pentavalent phosphorus or their esters(-ate)}	<administrative transfer to C22B3/384>
D	C22B3/0064	9	{Phosphenic (HOP(O) ₂) or metaphosphoric type}	<administrative transfer to C22B3/384>
D	C22B3/0066	9	{Phosphinic (H ₂ P(O)(OH)) type}	<administrative transfer to C22B3/3842>
D	C22B3/0067	9	{Phosphonic (H ₂ P(O)(OH) ₂) type}	<administrative transfer to C22B3/3844>
D	C22B3/0068	9	{Phosphoric ((O)P(OH) ₃) type}	<administrative transfer to C22B3/3846>
D	C22B3/007	8	{Thiophosphoric acids or their esters}	<administrative transfer to C22B3/385>
D	C22B3/0071	8	{Dinuclear or polynuclear oxyacids and their derivatives}	<administrative transfer to C22B3/386>
D	C22B3/0072	9	{Compounds with phosphorus-nitrogen (P=N) double bonds}	<administrative transfer to C22B3/386>
D	C22B3/0074	9	{compounds with (P-P) bonds}	<administrative transfer to C22B3/386>
D	C22B3/0075	9	{compounds with (P-X _n -P) bonds (n, 0, X: other than P), e.g. pyro- or di-}	<administrative transfer to C22B3/386>
D	C22B3/0077	7	{Cyclic compounds, e.g. aryl-, phenyl-, benzyl-compounds}	<administrative transfer to C22B3/387>
D	C22B3/0078	6	{using a mixture of phosphorus-based acid derivatives of different types}	<administrative transfer to C22B3/408>

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D	C22B3/0079	7	{of the acyclic type }	<administrative transfer to C22B3/408>
D	C22B3/0081	8	{two or more of the phosphine type }	<administrative transfer to C22B3/408>
D	C22B3/0082	8	{two or more of the phosphine oxides or sulfides type }	<administrative transfer to C22B3/408>
D	C22B3/0083	8	{two or more of the phosphorane type }	<administrative transfer to C22B3/408>
D	C22B3/0085	8	{two or more of the phosphonium type }	<administrative transfer to C22B3/408>
D	C22B3/0086	8	{two or more of the mononuclear oxyacids of trivalent phosphorus or their esters }	<administrative transfer to C22B3/408>
D	C22B3/0087	8	{two or more mononuclear oxyacids of quinquevalent phosphorus or their esters }	<administrative transfer to C22B3/408>
D	C22B3/0089	8	{two or more thiophosphoric acids or their esters }	<administrative transfer to C22B3/408>
D	C22B3/009	8	{two or more dinuclear or polynuclear oxyacids or their derivatives }	<administrative transfer to C22B3/408>
D	C22B3/0091	8	{combinations of the above }	<administrative transfer to C22B3/408>
D	C22B3/0093	7	{comprising cyclic compounds only }	<administrative transfer to C22B3/408>
D	C22B3/0094	7	{comprising cyclic and acyclic compounds }	<administrative transfer to C22B3/408>
D	C22B3/0095	4	{using a mixture of organic agents wherein one agent at least is an organo-metallic compound }	<administrative transfer to C22B3/409>
D	C22B3/0097	3	{using a solution of normally solid organic compounds, e.g. dissolved polymers, sugars, or the like }	<administrative transfer to C22B3/41>
D	C22B3/0098	2	{by ion exchange extraction or by adsorption on solid substances, e.g. by extraction with solid resins (C22B3/0097 takes precedence)}	<administrative transfer to C22B3/24>
M	C22B3/22	2	by physical processes, e.g. by filtration, by magnetic means {, or by thermal decomposition } (treatment or purification of solutions by liquid-liquid extraction C22B 3/26)	
C	C22B 3/24	3	by adsorption on solid substances, e.g. by extraction with solid resins	C22B3/24, C22B3/42
Q	C22B 3/26	2	by liquid-liquid extraction using organic compounds	C22B3/26, C22B3/40
N	C22B3/262	3	{using alcohols or phenols }	
N	C22B3/28	3	Amines	
N	C22B3/282	4	{Aliphatic amines }	
N	C22B3/284	4	{Aromatic amines }	
N	C22B3/286	4	{Amino-alcohols }	

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N	C22B3/288	4	{Quaternary ammonium}	
N	C22B3/30	3	Oximes	
N	C22B3/302	3	{Ethers or epoxides}	
N	C22B3/304	4	{Crown ethers}	
N	C22B3/306	3	{Ketones or aldehydes}	
N	C22B3/32	3	Carboxylic acids	
N	C22B3/322	4	{Oxalic acids}	
N	C22B3/324	4	{Naphthenic acids}	
N	C22B3/326	4	{Ramified chain carboxylic acids or derivatives thereof, e.g. "versatic" acids}	
N	C22B3/33	3	{Cyanic acids, derivatives thereof}	
N	C22B3/34	3	containing sulfur{, e.g. sulfonium}	
N	C22B3/36	3	Heterocyclic compounds (C22B3/34 takes precedence)	
N	C22B3/362	4	{Heterocyclic compounds of a single type}	
N	C22B3/364	5	{Quinoline}	
N	C22B3/37	3	{containing boron, silicon, selenium or tellurium}	
N	C22B3/38	3	containing phosphorus	
N	C22B3/381	4	{Phosphines, e.g. compounds with the formula PR_nH_{3-n} , with $n = 0-3$ }	
N	C22B3/382	4	{Phosphine chalcogenides, e.g. compounds of the formula $R_3P=X$ with $X = O, S, Se$ or Te }	
N	C22B3/383	4	{Tervalent phosphorus oxyacids, esters thereof}	
N	C22B3/384	4	{Pentavalent phosphorus oxyacids, esters thereof}	
N	C22B3/3842	5	{Phosphinic acid, e.g. $H_2P(O)(OH)$ }	
N	C22B3/3844	5	{Phosphonic acid, e.g. $H_2P(O)(OH)_2$ }	
N	C22B3/3846	5	{Phosphoric acid, e.g. $(O)P(OH)_3$ }	
N	C22B3/385	4	{Thiophosphoric acids, or esters thereof}	
N	C22B3/386	4	{Polyphosphoric oxyacids, or derivatives thereof}	
N	C22B3/387	4	{Cyclic or polycyclic compounds}	
N	C22B3/40	3	Mixtures	
N	C22B3/402	4	{of acyclic or carbocyclic compounds of different types}	
N	C22B3/404	5	{of organic acids and oximes}	
N	C22B3/406	4	{at least one compound thereof being a heterocyclic compound}	
N	C22B3/408	4	{using a mixture of phosphorus-based acid derivatives of different types}	
N	C22B3/409	4	{at least one compound being an organo-metallic compound}	

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N	C22B3/41	3	{using a solution of normally solid organic compounds, e.g. dissolved polymers, sugars, or the like }	
U	C22B3/42	2	by ion-exchange extraction	
M	C22B3/44	2	by chemical processes (treatment or purification of solutions by liquid-liquid extraction C22B 3/26, by ion-exchange extraction C22B 3/42)	
M	C22B11/04	1	{by wet processes (extraction of metal compounds by leaching in organic solutions C22B 3/16; treatment or purification of solutions by liquid-liquid extraction C22B 3/26)}	
M	C22B15/0084	2	{Treating solutions (with organic compounds C22B 3/20)}	
M	C22B30/04	1	Obtaining arsenic {(extraction of metal compounds by leaching in organic solutions C22B 3/16; treatment or purification of solutions by adsorption on solids C22B 3/24, by liquid-liquid extraction C22B 3/26, by ion-exchange extraction C22B 3/42)}	
M	C22B34/34	2	Obtaining molybdenum {(treatment or purification of solutions by adsorption on solids C22B 3/24, by liquid-liquid extraction C22B 3/26, by ion-exchange extraction C22B 3/42; preparation of molybdenum involving liquid-liquid extraction, adsorption or ion-exchange C01G 39/003)}	
M	C22B41/00	0	Obtaining germanium {(treatment or purification of solutions by adsorption on solids C22B 3/24, by liquid-liquid extraction C22B 3/26, by ion-exchange extraction C22B 3/42)}	
M	C22B58/00	0	Obtaining gallium or indium {(treatment or purification of solutions by liquid-liquid extraction, by ion-exchange or by adsorption C22B 3/20)}	

*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).

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- 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 C22B - PRODUCTION AND REFINING OF METALS (electrolytic C25); PRETREATMENT OF RAW MATERIALS

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
M	C22B	1.The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C22B3/26 - C22B3/40 covered by C22B 3/0005 C22B9/187 - C22B9/193 covered by C22B 9/18 C22B9/21 covered by C22B 9/20 C22B15/02 covered by C22B 15/0032 C22B15/04 covered by C22B 15/0036 C22B15/06 covered by C22B 15/0041, C22B 15/0043 C22B15/14 covered by C22B 15/006	1 .The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C22B9/187 - C22B9/193 covered by C22B 9/18 C22B9/21 covered by C22B 9/20 C22B15/02 covered by C22B 15/0032 C22B15/04 covered by C22B 15/0036 C22B15/06 covered by C22B 15/0041, C22B 15/0043 C22B15/14 covered by C22B 15/006
D	C22B3/0002	Group C22B3/0002 is no longer used for the classification of new documents from May 1st, 2005. The backlog of this group is being continuously transferred to the relevant groups of C22B	Delete the entire existing Warning.
D	C22B3/0004	Not used, see subgroups	Delete the entire existing Warning.
D	C22B3/0098	Group C22B3/0098 is no longer used for the classification of new documents from May 1st, 2005. The backlog of this group is being continuously transferred to the relevant groups of C22B	Delete the entire existing Warning.
D	C22B3/14	Group C22B3/14 was introduced on May 1st, 2005. This group <u>covers</u> the subject-matter of group C22B3/0002 which is no longer used for classification of new documents	Delete the entire existing Warning.
M	C22B3/24	Group C22B3/24 was introduced on May 1st, 2005. This group <u>covers</u> the subject-matter of group C22B3/0098 which is no longer used for classification of new documents	Group C22B 3/24 is impacted by reclassification into group C22B 3/42. Groups C22B 3/24 and C22B 3/42 should be considered in order to perform a complete search.
N	C22B3/26		Group C22B 3/26 is impacted by reclassification into group C22B 3/40. Groups C22B 3/26 and C22B 3/40 should be considered in order to perform a complete search.
N	C22B3/40		Group C22B 3/40 is incomplete pending reclassification of documents from group C22B 3/26. Groups C22B 3/26 and C22B

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			3/40 should be considered in order to perform a complete search.
M	C22B3/42	Group C22B3/42 was introduced on May 1st, 2005. This group <u>covers</u> the subject-matter of group C22B3/0098 which is no longer used for classification of new documents	Group C22B 3/42 is incomplete pending reclassification of documents from group C22B 3/24. Groups C22B 3/24 and C22B 3/42 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 C22B - PRODUCTION AND REFINING OF METALS (electrolytic C25); PRETREATMENT OF RAW MATERIALS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	C22B 3/00	This group <u>covers</u> methods directed to the extraction of three or more metals. For the recovery of one or two metals, see the other groups of this subclass concerning these metals	1. When classifying in this group, the nature of any metal which is considered to represent information of interest for search may also be classified in the main groups only of C22B 11/00-C22B 25/00, in group C22B 19/34 or in any of groups C22B 26/00-C22B 61/00. This can for example, be the case when it is considered of interest to enable searching for extraction of specific metals or their compounds. Such non-obligatory classification should be given as "additional information". 2. {This group <u>covers</u> methods directed to the extraction of three or more metals. For the recovery of one or two metals, see the other groups of this subclass concerning these metals }
N	C22B 3/26		In groups {C22B 3/262-C22B 3/41;} a. the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, compounds are classified in the last appropriate place; b. when two or more compounds are used successively, each compound is classified as such; c. mixtures containing two or more compounds covered individually by the same one of groups {C22B 3/262-C22B 3/387,} are classified only in that group.

*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 Definition.

C22B 34/34

References

Limiting references

This place does not cover:

Treatment or purification of solutions by adsorption on solids	C22B 3/24
Treatment or purification of solutions by liquid-liquid extraction	C22B 3/26
Treatment or purification of solutions by ion exchange extraction	C22B 3/42
Preparation of molybdenum involving liquid-liquid extraction, adsorption or ion-exchange	C01G 39/003

Informative references

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

Working up raw materials other than ores, e.g. scrap, to produce non-ferrous metals and compounds thereof	C22B 7/00
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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>
C22B 3/00	Special rules of classification	In subgroups C22B 3/0005 - C22B 3/0097 compounds are classified in the last appropriate place	Replace this existing text with the following updated text. In subgroups C22B 3/262 - C22B 3/41 compounds are classified in the last appropriate place.

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)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C22B 3/0001	<administrative transfer to C22B 3/04>
D	C22B 3/0002	<administrative transfer to C22B 3/14>
D	C22B 3/0004	<administrative transfer to C22B 3/20>
D	C22B 3/0005	<administrative transfer to C22B 3/26>
D	C22B 3/0006	<administrative transfer to C22B 3/26>
D	C22B 3/0008	<administrative transfer to C22B 3/26>
D	C22B 3/0009	<administrative transfer to C22B 3/262>
D	C22B 3/001	<administrative transfer to C22B 3/28>
D	C22B 3/0012	<administrative transfer to C22B 3/282>
D	C22B 3/0013	<administrative transfer to C22B 3/284>
D	C22B 3/0014	<administrative transfer to C22B 3/286>
D	C22B 3/0016	<administrative transfer to C22B 3/288>
D	C22B 3/0017	<administrative transfer to C22B 3/30>
D	C22B 3/0018	<administrative transfer to C22B 3/302>
D	C22B 3/002	<administrative transfer to C22B 3/304>
D	C22B 3/0021	<administrative transfer to C22B 3/306>
D	C22B 3/0022	<administrative transfer to C22B 3/26>
D	C22B 3/0024	<administrative transfer to C22B 3/32>
D	C22B 3/0025	<administrative transfer to C22B 3/322>
D	C22B 3/0027	<administrative transfer to C22B 3/324>
D	C22B 3/0028	<administrative transfer to C22B 3/326>
D	C22B 3/0029	<administrative transfer to C22B 3/33>
D	C22B 3/0031	<administrative transfer to C22B 3/34>
D	C22B 3/0032	<administrative transfer to C22B 3/402>
D	C22B 3/0033	<administrative transfer to C22B 3/404>
D	C22B 3/0035	<administrative transfer to C22B 3/36>
D	C22B 3/0036	<administrative transfer to C22B 3/362>
D	C22B 3/0037	<administrative transfer to C22B 3/364>
D	C22B 3/0039	<administrative transfer to C22B 3/406>
D	C22B 3/004	<administrative transfer to C22B 3/37>
D	C22B 3/0041	<administrative transfer to C22B 3/37>
D	C22B 3/0043	<administrative transfer to C22B 3/38>
D	C22B 3/0044	<administrative transfer to C22B 3/38>
D	C22B 3/0045	<administrative transfer to C22B 3/38>
D	C22B 3/0047	<administrative transfer to C22B 3/381>
D	C22B 3/0048	<administrative transfer to C22B 3/381>
D	C22B 3/005	<administrative transfer to C22B 3/381>
D	C22B 3/0051	<administrative transfer to C22B 3/381>
D	C22B 3/0052	<administrative transfer to C22B 3/382>
D	C22B 3/0054	<administrative transfer to C22B 3/38>
D	C22B 3/0055	<administrative transfer to C22B 3/38>
D	C22B 3/0056	<administrative transfer to C22B 3/383>
D	C22B 3/0058	<administrative transfer to C22B 3/383>
D	C22B 3/0059	<administrative transfer to C22B 3/383>
D	C22B 3/006	<administrative transfer to C22B 3/383>
D	C22B 3/0062	<administrative transfer to C22B 3/383>
D	C22B 3/0063	<administrative transfer to C22B 3/384>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C22B 3/0064	<administrative transfer to C22B 3/384>
D	C22B 3/0066	<administrative transfer to C22B 3/3842>
D	C22B 3/0067	<administrative transfer to C22B 3/3844>
D	C22B 3/0068	<administrative transfer to C22B 3/3846>
D	C22B 3/007	<administrative transfer to C22B 3/385>
D	C22B 3/0071	<administrative transfer to C22B 3/386>
D	C22B 3/0072	<administrative transfer to C22B 3/386>
D	C22B 3/0074	<administrative transfer to C22B 3/386>
D	C22B 3/0075	<administrative transfer to C22B 3/386>
D	C22B 3/0077	<administrative transfer to C22B 3/387>
D	C22B 3/0078	<administrative transfer to C22B 3/408>
D	C22B 3/0079	<administrative transfer to C22B 3/408>
D	C22B 3/0081	<administrative transfer to C22B 3/408>
D	C22B 3/0082	<administrative transfer to C22B 3/408>
D	C22B 3/0083	<administrative transfer to C22B 3/408>
D	C22B 3/0085	<administrative transfer to C22B 3/408>
D	C22B 3/0086	<administrative transfer to C22B 3/408>
D	C22B 3/0087	<administrative transfer to C22B 3/408>
D	C22B 3/0089	<administrative transfer to C22B 3/408>
D	C22B 3/009	<administrative transfer to C22B 3/408>
D	C22B 3/0091	<administrative transfer to C22B 3/408>
D	C22B 3/0093	<administrative transfer to C22B 3/408>
D	C22B 3/0094	<administrative transfer to C22B 3/408>
D	C22B 3/0095	<administrative transfer to C22B 3/409>
D	C22B 3/0097	<administrative transfer to C22B 3/41>
D	C22B 3/0098	<administrative transfer to C22B 3/24>
C	C22B 3/24	C22B 3/24, C22B 3/42
Q	C22B 3/26	C22B 3/26, C22B 3/40

* 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>
C22B 3/0001		DELETE
C22B 3/0002		DELETE
C22B 3/0004		DELETE
C22B 3/0005		DELETE
C22B 3/0006		DELETE
C22B 3/0008		DELETE
C22B 3/0009		DELETE
C22B 3/001		DELETE
C22B 3/0012		DELETE
C22B 3/0013		DELETE
C22B 3/0014		DELETE
C22B 3/0016		DELETE
C22B 3/0017		DELETE
C22B 3/0018		DELETE
C22B 3/002		DELETE
C22B 3/0021		DELETE
C22B 3/0022		DELETE
C22B 3/0024		DELETE
C22B 3/0025		DELETE
C22B 3/0027		DELETE
C22B 3/0028		DELETE
C22B 3/0029		DELETE
C22B 3/0031		DELETE
C22B 3/0032		DELETE
C22B 3/0033		DELETE
C22B 3/0035		DELETE
C22B 3/0036		DELETE
C22B 3/0037		DELETE
C22B 3/0039		DELETE
C22B 3/004		DELETE
C22B 3/0041		DELETE
C22B 3/0043		DELETE
C22B 3/0044		DELETE
C22B 3/0045		DELETE
C22B 3/0047		DELETE
C22B 3/0048		DELETE
C22B 3/005		DELETE
C22B 3/0051		DELETE
C22B 3/0052		DELETE
C22B 3/0054		DELETE
C22B 3/0055		DELETE
C22B 3/0056		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C22B 3/0058		DELETE
C22B 3/0059		DELETE
C22B 3/006		DELETE
C22B 3/0062		DELETE
C22B 3/0063		DELETE
C22B 3/0064		DELETE
C22B 3/0066		DELETE
C22B 3/0067		DELETE
C22B 3/0068		DELETE
C22B 3/007		DELETE
C22B 3/0071		DELETE
C22B 3/0072		DELETE
C22B 3/0074		DELETE
C22B 3/0075		DELETE
C22B 3/0077		DELETE
C22B 3/0078		DELETE
C22B 3/0079		DELETE
C22B 3/0081		DELETE
C22B 3/0082		DELETE
C22B 3/0083		DELETE
C22B 3/0085		DELETE
C22B 3/0086		DELETE
C22B 3/0087		DELETE
C22B 3/0089		DELETE
C22B 3/009		DELETE
C22B 3/0091		DELETE
C22B 3/0093		DELETE
C22B 3/0094		DELETE
C22B 3/0095		DELETE
C22B 3/0097		DELETE
C22B 3/0098		DELETE
C22B 3/26	C22B 3/26	NEW
C22B 3/262	C22B 3/26	NEW
C22B 3/28	C22B 3/28	NEW
C22B 3/282	C22B 3/28	NEW
C22B 3/284	C22B 3/28	NEW
C22B 3/286	C22B 3/28	NEW
C22B 3/288	C22B 3/28	NEW
C22B 3/30	C22B 3/30	NEW
C22B 3/302	C22B 3/26	NEW
C22B 3/304	C22B 3/26	NEW
C22B 3/306	C22B 3/26	NEW
C22B 3/32	C22B 3/32	NEW
C22B 3/322	C22B 3/32	NEW
C22B 3/324	C22B 3/32	NEW

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CPC	IPC	Action*
C22B 3/326	C22B 3/32	NEW
C22B 3/33	C22B 3/26	NEW
C22B 3/34	C22B 3/34	NEW
C22B 3/36	C22B 3/36	NEW
C22B 3/362	C22B 3/36	NEW
C22B 3/364	C22B 3/36	NEW
C22B 3/37	C22B 3/26	NEW
C22B 3/38	C22B 3/38	NEW
C22B 3/381	C22B 3/38	NEW
C22B 3/382	C22B 3/38	NEW
C22B 3/383	C22B 3/38	NEW
C22B 3/384	C22B 3/38	NEW
C22B 3/3842	C22B 3/38	NEW
C22B 3/3844	C22B 3/38	NEW
C22B 3/3846	C22B 3/38	NEW
C22B 3/385	C22B 3/38	NEW
C22B 3/386	C22B 3/38	NEW
C22B 3/387	C22B 3/38	NEW
C22B 3/40	C22B 3/40	NEW
C22B 3/402	C22B 3/40	NEW
C22B 3/404	C22B 3/40	NEW
C22B 3/406	C22B 3/40	NEW
C22B 3/408	C22B 3/40	NEW
C22B 3/409	C22B 3/40	NEW
C22B 3/41	C22B 3/26	NEW
C22B 11/04	C22B11/00	UPDATED
C22B 11/042	C22B11/00	UPDATED
C22B 11/044	C22B11/00	UPDATED
C22B 11/046	C22B11/00	UPDATED
C22B 11/048	C22B11/00	UPDATED

* 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 “CPC ONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICAL table above.
- T and M symbols are not included in the CICAL table above unless a change to the existing IPC is desired.