CPC NOTICE OF CHANGES 586

DATE: JANUARY 1, 2019

PROJECT RP0570

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

Action	Subclass	Group(s)
SCHEME:		
Symbols New:	C02F	11/13, 11/131, 11/143, 11/145, 11/147, 11/148, 11/15
Titles Changed:	C02F	11/12, 11/121, 11/122, 11/123, 11/125, 11/126, 11/127, 11/128
Warnings New:	C02F	11/12, 11/13, 11/131, 11/14, 11/143, 11/145, 11/147, 11/148, 11/15

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)

1. CLASSIFICATION SCHEME CHANGES

    A. <u>New, Modified or Deleted Group(s)</u>

C02F – TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE (separation in general B01D; special arrangements on waterborne vessels of installations for treating water, waste water or sewage, e.g. for producing fresh water, B63J; adding materials to water to prevent corrosion C23F; treating radioactively-contaminated liquids G21F 9/04; regeneration of reactants for recirculation into processes, see the relevant places for the processes)

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#
U	C02F 11/10	1	by pyrolysis	
C	C02F 11/12	1	by de-watering, drying or thickening	C02F 11/12, C02F 11/13, C02F 11/131, C02F 11/15
M	C02F 11/121	2	by mechanical de-watering	
M	C02F 11/122	3	using filter presses (C02F 11/123 takes precedence)	
M	C02F 11/123	3	using belt or band filters	
M	C02F 11/125	3	using screw filters	
M	C02F 11/126	3	using drum filters	
M	C02F 11/127	3	by centrifugation	
M	C02F 11/128	3	using batch processes	
N	C02F 11/13	2	by heating	
N	C02F 11/131	3	using electromagnetic or ultrasonic waves	
C	C02F 11/14	2	with addition of chemical agents	C02F 11/14, C02F 11/143, C02F 11/145, C02F 11/147, C02F 11/148
N	C02F 11/143	3	using inorganic substances (C02F 11/148 takes precedence)	
N	C02F 11/145	4	using calcium compounds	

DATE: JANUARY 1, 2019

PROJECT RP0570

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#
N	C02F 11/147	3	using organic substances (C02F 11/148 takes precedence)	
N	C02F 11/148	3	Combined use of inorganic and organic substances, being added in the same treatment step	
N	C02F 11/15	2	By treatment with electric, magnetic or electromagnetic fields; by treatment with ultrasonic waves (for the purpose of heating C02F 11/131)	

*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.
- 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.

B. New, Modified or Deleted Warning(s)

C02F – TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE (separation in general B01D; special arrangements on waterborne vessels of installations for treating water, waste water or sewage, e.g. for producing fresh water, B63J; adding materials to water to prevent corrosion C23F; treating radioactively-contaminated liquids G21F 9/04; regeneration of reactants for recirculation into processes, see the relevant places for the processes)

Type*	Location	Old Warning	New/Modified Warning
N	C02F 11/12		Group C02F 11/12 is impacted by reclassification into groups C02F 11/13, C02F 11/131, and C02F 11/15. All groups listed in this Warning should be considered in order to perform a complete search.
N	C02F 11/13		Group C02F 11/13 is incomplete pending reclassification of documents from group C02F 11/12. Groups C02F 11/12 and C02F 11/13 should be considered in order to perform a complete search.
N	C02F 11/131		Group C02F 11/131 is incomplete pending reclassification of documents from group C02F 11/12. Groups C02F 11/12 and C02F 11/131 should be considered in order to perform a complete search.
N	C02F 11/14		Group C02F 11/14 is impacted by reclassification into groups C02F 11/143, C02F 11/145, C02F 11/147, and C02F 11/148. All groups listed in this Warning should be considered in order to perform a complete search.
N	C02F 11/143		Group C02F 11/143 is incomplete pending reclassification of documents from group C02F 11/14. Groups C02F 11/14 and C02F 11/143 should be considered in order to perform a complete search.
N	C02F 11/145		Group C02F 11/145 is incomplete pending reclassification of documents from group C02F 11/14. Groups C02F 11/14 and C02F 11/145 should be considered in order to perform a complete search.

DATE: JANUARY 1, 2019

PROJECT RP0570

Type*	Location	Old Warning	New/Modified Warning
N	C02F 11/147		Group C02F 11/147 is incomplete pending reclassification of documents from group C02F 11/14. Groups C02F 11/14 and C02F 11/147 should be considered in order to perform a complete search.
N	C02F 11/148		Group C02F 11/148 is incomplete pending reclassification of documents from group C02F 11/14. Groups C02F 11/14 and C02F 11/148 should be considered in order to perform a complete search.
N	C02F 11/15		Group C02F 11/15 is incomplete pending reclassification of documents from group C02F 11/12. Groups C02F 11/12 and C02F 11/15 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.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	C02F 11/12	C02F 11/12, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F 11/14	C02F 11/14, C02F 11/143, C02F 11/145, C02F 11/147, C02F 11/148

* 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.

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

CPC	**IPC**	**Action***
C02F 11/13	C02F 11/13	NEW
C02F 11/131	C02F 11/131	NEW
C02F 11/143	C02F 11/143	NEW
C02F 11/145	C02F 11/145	NEW
C02F 11/147	C02F 11/147	NEW
C02F 11/148	C02F 11/148	NEW
C02F 11/15	C02F 11/15	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.