

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 878

DATE: MAY 1, 2020

PROJECT RP0570-C

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Title Changed:	C02F	11/15
Warnings Modified:	C02F	11/12, 11/13, 11/131, 11/15, 11/18, 11/185

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)

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)

<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>
U	C02F11/10	1	by pyrolysis	
C	C02F11/12	1	by de-watering, drying or thickening	C02F11/12, C02F11/13, C02F11/131, C02F11/15
C	C02F11/121	2	by mechanical de-watering	C02F11/121, C02F11/13, C02F11/131, C02F11/15
C	C02F11/122	3	using filter presses (C02F11/123 takes precedence)	C02F11/122, C02F11/13, C02F11/131, C02F11/15
C	C02F11/123	3	using belt or band filters	C02F11/123, C02F11/13, C02F11/131, C02F11/15
C	C02F11/125	3	using screw filters	C02F11/125, C02F11/13, C02F11/131, C02F11/15
C	C02F11/126	3	using drum filters	C02F11/126, C02F11/13, C02F11/131, C02F11/15
C	C02F11/127	3	by centrifugation	C02F11/127, C02F11/13, C02F11/131, C02F11/15
C	C02F11/128	3	using batch processes	C02F11/128, C02F11/13, C02F11/131, C02F11/15
C	C02F11/14	2	with addition of chemical agents	C02F11/14, C02F11/143, C02F11/145, C02F11/147, C02F11/148
M	C02F11/15	2	by treatment with electric, magnetic or electromagnetic fields; by treatment with ultrasonic waves (for the purpose of heating C02F11/131)	
C	C02F11/18	1	by thermal conditioning (by pyrolysis C02F11/10)	C02F 11/18, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/185	2	{by pasteurisation}	C02F 11/185, C02F 11/13, C02F 11/131, C02F 11/15

*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.

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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.

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B. New, Modified or Deleted Warning(s)

C02F – TREATMENT OF WATER, WASTE WATER, SEWAGE OR SLUDGE

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	C02F 11/12		Groups C02F 11/12 - C02F 11/128 are 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.
M	C02F 11/13		Group C02F 11/13 is incomplete pending reclassification of documents from groups C02F 11/12, C02F 11/121, C02F 11/122, C02F 11/123, C02F 11/125, C02F 11/126, C02F 11/127, C02F 11/128, C02F 11/18, and C02F 11/185. All groups listed in this Warning should be considered in order to perform a complete search.
M	C02F 11/131		Group C02F 11/131 is incomplete pending reclassification of documents from groups C02F 11/12, C02F 11/121, C02F 11/122, C02F 11/123, C02F 11/125, C02F 11/126, C02F 11/127, C02F 11/128, C02F 11/18, and C02F 11/185. All groups listed in this Warning should be considered in order to perform a complete search.
M	C02F 11/15		Group C02F 11/15 is incomplete pending reclassification of documents from groups C02F 11/12, C02F 11/121, C02F 11/122, C02F 11/123, C02F 11/125, C02F 11/126, C02F 11/127, C02F 11/128, C02F 11/18, and C02F 11/185. All groups listed in this Warning should be considered in order to perform a complete search.
N	C02F 11/18		Group C02F 11/18 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.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	C02F 11/185		Group C02F 11/185 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 = 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)

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	C02F11/121	C02F 11/121, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/122	C02F 11/122, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/123	C02F 11/123, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/125	C02F 11/125, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/126	C02F 11/126, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/127	C02F 11/127, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/128	C02F 11/128, 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	C02F11/18	C02F 11/18, C02F 11/13, C02F 11/131, C02F 11/15
C	C02F11/185	C02F 11/185, C02F 11/13, C02F 11/131, C02F 11/15

* 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.