

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 810

DATE: FEBRUARY 1, 2020

PROJECT RP0642

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	C12C	Subclass
	C12F	Subclass
	C12G	Subclass
	C12G	1/08
	C12J	Subclass
	C12J	1/00
	C12N	Subclass
Warnings Deleted:	C12J	Subclass
<b>DEFINITIONS:</b>		
Definitions Modified:	C12C	Subclass
	C12F	Subclass
	C12N	Subclass

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 C12C - BREWING OF BEER (cleaning of raw materials A23N; pitching and depitching machines, cellar tools C12L; propagating yeasts C12N 1/14; non-beverage ethanolic fermentation C12P 7/06)**

<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	C12C	0	BEER; PREPARATION OF BEER BY FERMENTATION (ageing or ripening by storing C12H 1/22; methods for reducing the alcohol content after fermentation C12H 3/00; methods for increasing the alcohol content after fermentation C12H 6/00; venting devices for casks, barrels or the like C12L 9/00); PREPARATION OF MALT FOR MAKING BEER; PREPARATION OF HOPS FOR MAKING BEER	

**SUBCLASS C12F - DISTILLATION OR RECTIFICATION OF FERMENTED SOLUTIONS; RECOVERY OF BY-PRODUCTS; DENATURING OF, OR DENATURED, ALCOHOL**

<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	C12F	0	RECOVERY OF BY-PRODUCTS OF FERMENTED SOLUTIONS (removal of yeast from wine or sparkling wine C12G 1/08); DENATURED ALCOHOL; PREPARATION THEREOF	

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**SUBCLASS C12G - WINE; OTHER ALCOHOLIC BEVERAGES; PREPARATION THEREOF (beer C12C)**

<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	C12G	0	WINE; PREPARATION THEREOF; ALCOHOLIC BEVERAGES (beer C12C); PREPARATION OF ALCOHOLIC BEVERAGES NOT PROVIDED FOR IN SUBCLASSES C12C OR C12H	
M	C12G 1/08	1	Removal of yeast ["degorgeage"]	

**SUBCLASS C12J - VINEGAR; ITS PREPARATION**

<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	C12J	0	VINEGAR; PREPARATION OR PURIFICATION THEREOF	
M	C12J 1/00	0	Vinegar; Preparation or purification thereof	

**SUBCLASS C12N - MICROORGANISMS OR ENZYMES; COMPOSITIONS THEREOF (biocides, pest repellants or attractants, or plant growth regulators, containing microorganisms, viruses, microbial fungi, enzymes, fermentates or substances produced by or extracted from microorganisms or animal material A01N 63/00; food compositions A21, A23; medicinal preparations A61K; chemical aspects of, or use of materials for, bandages, dressings, absorbent pads or surgical articles A61L; fertilisers C05); PROPAGATING, PRESERVING OR MAINTAINING MICROORGANISMS (preservation of living parts of humans or animals A01N 1/02); MUTATION OR GENETIC ENGINEERING; CULTURE MEDIA (microbiological testing media C12Q)**

<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	C12N	0	MICROORGANISMS OR ENZYMES; COMPOSITIONS THEREOF; PROPAGATING, PRESERVING, OR MAINTAINING MICROORGANISMS; MUTATION OR GENETIC ENGINEERING; CULTURE MEDIA (microbiological testing media C12Q 1/00)	

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\*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>.
- 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)

**SUBCLASS C12J - VINEGAR; ITS PREPARATION**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	C12J	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	

\*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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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>
C12C	Limiting references	Preparation of malt for use as foodstuffs A23L  Cleaning of raw materials, e.g. fruit and vegetables A23N  Containers with means for effervescing potable liquids B65D 85/73  Pitching or depitching machines, or cellar tools C12L  Propagating yeasts C12N 1/14	<b>Delete:</b> all existing text from the Limiting references table.
C12C	Limiting references		<b>Add:</b> the following four new references to the Limiting references table.  Ageing or ripening by storing <a href="#">C12H 1/22</a>  Methods for reducing the alcohol content after fermentation <a href="#">C12H 3/00</a>  Methods for increasing the alcohol content after fermentation <a href="#">C12H 6/00</a>  Venting devices for casks, barrels or the like <a href="#">C12L 9/00</a>

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C12C	Informative References		<p><b>Add:</b> the following five new references to the Informative references table.</p> <p>Preparation of malt for use as foodstuffs <a href="#">A23L</a></p> <p>Cleaning of raw materials, e.g. fruit and vegetables <a href="#">A23N</a></p> <p>Containers with means for effervescing potable liquids <a href="#">B65D 85/73</a></p> <p>Pitching or depitching machines, or cellar tools <a href="#">C12L</a></p> <p>Propagating yeasts <a href="#">C12N 1/14</a></p>
C12F			<p><b>Insert:</b> the following new Limiting references section.</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Removal of yeast from wine or sparkling wine <a href="#">C12G 1/08</a></p>
C12N	Relationships with other classification places	<p><b>Multiple classification:</b></p> <ul style="list-style-type: none"> <li>• Biocidal, pest repellent, pest attractant or plant growth regulatory activity of compounds or preparations containing microorganisms</li> </ul>	<p><b>Replace:</b> A01P with A01N</p>

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		and enzymes is further classified in subclass <b>A01P</b> .	
C12N	Limiting references	Nucleic acids not used in recombinant technology and their chemical preparation C07H 21/00  Measuring or testing processes involving enzymes or microorganisms; Compositions therefor; Preparing such compositions C12Q	<b>Delete:</b> all existing text from the Limiting references table.
C12N	Limiting references		<b>Add:</b> the following new reference to the Limiting references table.  Microbiological testing media <b>C12Q 1/00</b>
C12N	Informative References		<b>Add:</b> the following new reference to the Informative references table.  Nucleic acids not used in recombinant technology and their chemical preparation <b>C07H 21/00</b>
C12N	Special rules of classification	C12N 2506/00:  Symbols for "remarkable" differentiation processes, i.e.:  <ul style="list-style-type: none"> <li>differentiation from one lineage to a different one, "lineages" being understood as</li> </ul>	<b>Delete:</b> the existing text and <b>Replace</b> with the following.  C12N 2506/00: Symbols for "remarkable" differentiation processes, i.e.:  <ul style="list-style-type: none"> <li>differentiation from one lineage to a different one, "lineages" being</li> </ul>

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		<p>the three dot hierarchies under C12N 5/0602, i.e. going from C12N 5/06B MP - C12N 5/0602 n (where n and m are different numbers),</p> <ul style="list-style-type: none"> <li>• differentiation of pluripotent cells (ES C12N 5/0606, EG C12N 5/0611, iPS C12N 5/0696, multipotent adult stem cells C12N 5/0607,</li> <li>• and also dedifferentiation, i.e. going backwards from a differentiated cell type to the corresponding stem/progenitor (i.e. from C12N 5/0602 n to C12N 5/06BN P)</li> </ul> <p>"Typical" differentiation processes from a lineage-specific stem/progenitor cell to its regular progeny within the same lineage (i.e. from C12N 5/06BNP into</p>	<p>understood as the three dot hierarchies under C12N 5/0602, (i.e. going from C12N5/0603 - C12N5/0693).</p> <ul style="list-style-type: none"> <li>• differentiation of pluripotent cells (ES C12N 5/0606, EG C12N 5/0611, iPS C12N 5/0696, multipotent adult stem cells C12N 5/0607),</li> <li>• and also dedifferentiation, i.e. going backwards from a differentiated cell type to the corresponding stem/progenitor.</li> </ul> <p>"Typical" differentiation processes from a lineage-specific stem/progenitor cell to its regular progeny within the same lineage should not be indexed.</p> <p>C12N 2506/00 is occasionally used to index files pertaining to "rejuvenation" without any actual, specific and characterized/type-able resulting product (see C12N 5/16).</p>
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		<p>C12N 5/0602 n) should not be indexed.</p> <p>C12N 2506/00 is occasionally used to index strange files pertaining "rejuvenation" without any actual, specific and typable resulting product (see C12N 5/16).</p>	
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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.