

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 288

DATE: JANUARY 1, 2018

PROJECT MP0161

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

<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Title wording change:</b>	B05B	11/3053
	C12N	15/905
	G06F	11/187 11/2023 11/2041 11/2074 11/2076 11/3086 11/2092
<b>Scheme Notes to be added/modified/deleted:</b>	C12N	15/8509

**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 Notice(s)
  - C. New, Modified or Deleted Note(s)
  - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
  - A. DEFINITIONS (Full definition template)
  - B. DEFINITIONS (Definitions Quick Fix)
3.  REVISION CONCORDANCE LIST (RCL)
4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5.  CROSS-REFERENCE LIST (CRL)

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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS B05B - SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES** ({sprayers or atomisers specially adapted for therapeutic purposes A61M11/00} ; spray-mixers with nozzles B01F5/20 ; processes for applying liquids or other fluent materials to surfaces by spraying B05D; { nozzles specially adapted for injection moulding of plastics or substances in a plastic state B29C45/1603 , B29C45/20 ; nozzles specially adapted for windscreen washers B60S1/52}; means for pumping fluids F04; valves, e.g. water-taps, F16K).

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B05B11/3053	4	{combined with means, other than pressure, for automatically opening a valve during actuation; combined with means for automatically removing closures or covers from the discharge nozzle during actuation}	

**SUBCLASS C12N - MICRO-ORGANISMS OR ENZYMES; COMPOSITIONS THEREOF** (biocides, pest repellants or attractants, or plant growth regulators, containing micro-organisms, viruses, microbial fungi, enzymes, fermentates or substances produced by or extracted from micro-organisms or animal material A01N63/00 ; 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 MICRO-ORGANISMS** (preservation of living parts of humans or animals A01N1/02); **MUTATION OR GENETIC ENGINEERING; CULTURE MEDIA** (micro-biological testing media C12Q)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C12N15/905	5	{in yeast}	

**SUBCLASS G06F - ELECTRICAL DIGITAL DATA PROCESSING** (computers in which a part of the computation is effected hydraulically or pneumatically G06D; optically G06E; self-contained input or output peripheral equipment G06K; impedance networks using digital techniques H03H)

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
M	G06F11/187	4	{Voting techniques}	
M	G06F11/2023	5	{Failover techniques}	
M	G06F11/2041	5	{with more than one idle spare processing component}	
M	G06F11/2074	7	{Asynchronous techniques}	
M	G06F11/2076	7	{Synchronous techniques}	
M	G06F11/2092	6	{Techniques of failing over between control units}	
M	G06F11/3086	3	{where the reporting involves the use of self describing data formats, i.e. metadata, markup languages, human readable formats}	

\*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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except "D" which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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C. New, Modified or Deleted Note(s)

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	C12N15/8509	The purpose of the modified animal is indicated using the codes under A01K 2267/00	Additional aspects of the modified animals are classified in the groups A01K2207/00 to A01K2267/00

\*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.