

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1406

DATE: FEBRUARY 1, 2023

PROJECT MP11909

**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:	B01L	Subclass
	B01L	1/00, 1/04
	B01L	3/00, 3/08
	B01L	5/00, 5/02
	B01L	7/00
	B01L	9/00
	C12M	1/22
Warnings Modified:	B01L	Subclass
Notes New:	B01L	3/00
<b>DEFINITIONS:</b>		
Definitions Modified:	B01L	Subclass
	B01L	1/00, 1/04
	B01L	3/00, 3/08, 3/12, 3/16
	B01L	5/00, 5/02
	B01L	7/00
	B01L	9/00

**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)
- 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)

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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 B01L - CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	B01L	Subclass	CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE	
M	B01L1/00	0	Enclosures; Chambers (provided with manipulation devices or glove boxes B25J21/00)	
M	B01L1/04	1	Dust-free rooms or enclosures	
M	B01L3/00	0	Containers or dishes for laboratory use, e.g. laboratory glassware; Droppers	
M	B01L3/08	1	Flasks	
M	B01L5/00	0	Gas handling apparatus (gas jars or cylinders B01L3/12; cold traps or cold baffles B01D8/00)	
M	B01L5/02	1	Gas collection apparatus, e.g. by bubbling under water (for sampling G01N1/22)	
M	B01L7/00	0	Heating or cooling apparatus (autoclaves B01J3/04); Heat insulating devices	
M	B01L9/00	0	Supporting devices; Holding devices	

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**SUBCLASS C12M - APPARATUS FOR ENZYMOLOGY OR MICROBIOLOGY; {APPARATUS FOR CULTURING MICROORGANISMS FOR PRODUCING BIOMASS, FOR GROWING CELLS OR FOR OBTAINING FERMENTATION OR METABOLIC PRODUCTS, i.e. BIOREACTORS OR FERMENTERS}**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally <u>be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to<sup>#</sup></u>
M	C12M1/22	1	Petri dishes	

\*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 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 B01L - CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
M	B01L	<p>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:</p> <ul style="list-style-type: none"> <li>- B01L 3/14 covered by B01L 3/50</li> </ul> <p>2. 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.</p>	<p>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:</p> <ul style="list-style-type: none"> <li>B01L 3/14 covered by B01L 3/50</li> </ul> <p>2. {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. }</p>

\*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 B01L - CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	B01L3/00		Petri dishes for enzymology or microbiology are classified in group C12M 1/22.

\*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.

## 2. A. DEFINITIONS (modified)

### B01L

Insert: The following new Relationships section:

#### **Relationships with other classification places**

- Apparatus for medical or pharmaceutical purposes — A61
- Apparatus for industrial purposes or laboratory apparatus whose construction and performance are comparable to that of similar industrial apparatus. See the relevant classes for industrial apparatus, particularly subclasses of classes B01 or C12.
- Separating or distilling apparatus — B01D
- Mixing or stirring devices — B01F
- Apparatus for enzymology or microbiology — C12M
- Microorganisms or enzymes; Compositions thereof; Propagating, preserving or maintaining microorganisms; Mutation or genetic engineering; Culture media — C12N
- Measuring or testing processes involving enzymes, nucleic acids or microorganisms; Compositions or test papers therefor; Processes of preparing such compositions; Condition-responsive control in microbiological or enzymological processes — C12Q
- Atomisers — B05B
- Sieves — B07B
- Corks or bungs — B65D
- Handling liquids in general — B67
- Vacuum pumps — F04
- Tubes or tube joints — F16L
- Apparatus specially adapted for investigating or analysing materials — G01, particularly G01N
- Electrical or optical apparatus — see the relevant classes in sections G and H

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Insert: The following new Application-oriented references and Informative references sections.

## References

### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Apparatus for enzymology or microbiology	C12M
Microorganisms or enzymes; Compositions thereof; Propagating, preserving or maintaining microorganisms; Mutation or genetic engineering; Culture media	C12N
Measuring or testing processes involving enzymes, nucleic acids or microorganisms; Compositions or test papers therefor; Processes of preparing such compositions; Condition-responsive control in microbiological or enzymological processes	C12Q
Apparatus specially adapted for investigating or analysing materials	G01, G01N

### ***Informative references***

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

Apparatus for medical or pharmaceutical purposes	A61
Mixing or stirring devices	B01F
Atomisers	B05B
Sieves	B07B
Corks or bungs	B65D
Handling liquids in general	B67
Vacuum pumps	F04
Siphons	F04F 10/00
Taps or stop-cocks	F16K
Tubes or tube joints	F16L



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**Special rules of classification**

Replace: The existing Special rules section text with the following revised text:

**Classification Rules:**

Groups [B01L 1/00](#) – [B01L 99/00](#) are given for invention information, i.e. the information is such that, if you do a search on this subject-matter, it is important to see the document. The definitions below give guidance as to scope and limits of the respective groups. Additional information is classified with Indexing symbols in the range [B01L 1/00](#) – [B01L 99/00](#). These symbols are used with or without a group in [B01L](#). In addition to a group in [B01L](#), indexing symbols in the range [B01L 2200/00](#) – [B01L 2400/00](#) are applied where possible to all documents classified in [B01L](#). Indexing symbols [B01L 2200/00](#) – [B01L 2400/00](#) are not used for documents without a group in [B01L](#). Also, if documents have only an indexing symbol in the range [B01L 1/00](#) – [B01L 99/00](#), no Indexing symbol is used.

**Double classification:**

Often double classification will be necessary, also within [B01L](#) itself. For example, in documents relating to sample containers it might be that a document is classified for sample taking in [A61B 10/0045](#), for sample storage, in [B01L 3/50](#), and for a specific analysis technique, in [G01N](#).

**B01L 1/00****References*****Limiting references***

Replace: The existing Limiting references table with the following revised table:

Chambers provided with manipulation devices, glove boxes	<a href="#">B25J 21/00</a>
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**Informative references**

Insert: The following two new rows into the Informative references table:

Fume cupboards	B08B
Cooling chambers	F25D

**B01L 1/04**

**References**

Delete: The entire Limiting references section.

**Informative references**

Insert: The following new row into the Informative references table:

Clean rooms for industrial use	F24F 3/167
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**B01L 3/00**

**Definition statement**

Insert: The word “or” and delete the comma before “fittings” in the first paragraph so that the entire Definition statement text appears as follows:

Simple fluid transfer means, such as tubes, valves or fittings.

Various containers, in particular for sample or reagent storage also comprising microfluidic structures.

Droppers comprising various fluid dispensing means such as pipettes, burettes and droplet dispensers.

Spatulas.

**References**

Insert: The following new Application-oriented references section:

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**Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Petri dishes	C12M 1/22
Tube or bottle type	C12M 1/24

**Informative references**

Replace: The existing Informative references table with the following revised table:

Chemical reactors	B01J 19/00
Bottles	B65D
Culturing devices	C12M 23/02
Receptacles for volumetric purposes	G01F
Analysis of a material	G01N

**B01L 3/08**

Insert: The following new References/Application-oriented references sections.

**References****Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Specially adapted for distillation	B01D
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**B01L 3/12**

**References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

***Informative references***

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

Gas storage containers in general	F17C
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**B01L 3/16**

**References**

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

***Informative references***

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

Distillation, microdistillation	B01D
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**B01L 5/00**

**References**

***Limiting references***

Replace: The existing Limiting references table with the following revised table:

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Gas jars or cylinders	B01L 3/12
Cold traps or cold baffles	B01D 8/00

Insert: The following Application-oriented references and Informative references sections:

### **Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Separation of gases or vapours	B01D 53/00
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### **Informative references**

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

Gas generators	B01J 7/00
Steam traps	F16T
Gas vessels	F17C
Investigating gases	G01N 33/0004

Delete: The entire Special rules of classification section.

## **B01L 5/02**

### **References**

#### **Limiting references**

Replace: The existing symbol in the Limiting references table row so that the row appears as follows:

For sampling	G01N 1/22
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**B01L 7/00****References**

Insert: The following new Limiting references section:

***Limiting references***

*This place does not cover:*

Autoclaves	B01J 3/04
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***Informative references***

Insert: The following two new rows into the Informative references table:

Drying gases or vapours, e.g. desiccators	B01D 53/26
Furnaces or ovens	F27

Replace: The existing table row that reads “Drying in general F26” with the following revised text and symbol:

Drying ovens	F26B
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**Special rules of classification**

Replace: The existing Special rules text with the following revised text:

To specify the thermostating means, indexing symbol **B01L 2300/18** and subgroups are used.

**B01L 9/00****Definition statement**

Insert: The word “or” and delete the comma before “holders” so that the Definition statement text appears as follows:

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Holding frame constructions, trays for drying labware or holders for labware not provided for in a subgroup.

**References**

***Informative references***

Replace: The text in the Informative references table row so that the row appears as follows:

Tweezers or tongs	B25B
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Delete: The entire Special rules of classification section.