

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1774

DATE: JANUARY 1, 2026

PROJECT MP11959

**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	1/025
	B01L	3/0217, 3/0241, 3/0255, 3/0289, 3/502, 3/5021, 3/5027, 3/502707, 3/50273, 3/502738, 3/502746, 3/502753, 3/502761, 3/502784, 3/505, 3/508, 3/50825, 3/50851, 3/50853, 3/52, 3/54, 3/561, 3/563, 3/565, 3/567
	B01L	7/52
	B01L	9/50, 9/54
Warnings Modified:	B01L	
<b>DEFINITIONS:</b>		
Definitions Modified:	B01L	
	B01L	1/025
	B01L	3/0217, 3/0241, 3/0289, 3/502, 3/5023, 3/5027, 3/502707, 3/50273, 3/502738, 3/502746, 3/502753, 3/502761, 3/502776, 3/502784, 3/508, 3/5082, 3/50851, 3/50853, 3/52, 3/54, 3/561, 3/563, 3/565, 3/567
	B01L	7/00, 7/52
	B01L	9/50, 9/54

**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)

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- 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 B01L - CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE

<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title “CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to<sup>#</sup></b>
M	B01L1/025	2	{Environmental chambers}	
M	B01L3/0217	3	{of the plunger pump type}	
M	B01L3/0241	2	{Drop counters; Drop formers}	
M	B01L3/0255	4	{characterised by the form or material of the pin tip}	
M	B01L3/0289	2	{Apparatus for withdrawing or distributing predetermined quantities of fluid}	
M	B01L3/502	2	{with fluid transport, e.g. in multi-compartment structures}	
M	B01L3/5021	3	{Test tubes specially adapted for centrifugation purposes}	
M	B01L3/5027	3	{by integrated microfluidic structures, i.e. dimensions of channels and chambers are such that surface tension forces are important, e.g. lab-on-a-chip}	
M	B01L3/502707	4	{characterised by the manufacture of the container or its components}	
M	B01L3/50273	4	{characterised by the means or forces applied to move the fluids}	
M	B01L3/502738	4	{characterised by integrated valves (throttle valves in microfluidic sample containers B01L 3/502746)}	
M	B01L3/502746	4	{characterised by the means for controlling flow resistance, e.g. flow controllers, baffles or throttle valves}	
M	B01L3/502753	4	{characterised by bulk separation arrangements on lab-on-a-chip devices, e.g. for filtration or centrifugation}	
M	B01L3/502761	4	{specially adapted for handling suspended solids or molecules independently from the bulk fluid flow, e.g. for trapping or sorting beads or physically stretching molecules}	
M	B01L3/502784	5	{specially adapted for droplet or plug flow, e.g. digital microfluidics}	

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M	B01L3/505	2	{Flexible containers without fluid transport within}	
M	B01L3/508	2	{Rigid containers without fluid transport within}	
M	B01L3/50825	4	{Closing or opening means, corks, bungs}	
M	B01L3/50851	4	{specially adapted for heating or cooling samples}	
M	B01L3/50853	4	{with covers or lids (closures for test tubes B01L3/50825)}	
M	B01L3/52	1	{Containers specially adapted for storing or dispensing a reagent (B01L 3/02 takes precedence; storing or dispensing test elements G01N 33/4875; automated reagent dispensing G01N 35/1002)}	
M	B01L 3/54	1	{Labware with identification means}	
M	B01L3/561	2	{Tubes; Conduits}	
M	B01L3/563	2	{Joints or fittings; Separable fluid transfer means to transfer fluids between at least two containers, e.g. connectors}	
M	B01L3/565	2	{Seals}	
M	B01L3/567	2	{Valves, taps or stop-cocks}	
M	B01L7/52	1	{with provision for submitting samples to a predetermined sequence of different temperatures, e.g. for treating nucleic acid samples}	
M	B01L9/50	1	{Clamping means, e.g. tongs}	
M	B01L9/54	1	{Supports specially adapted for pipettes and burettes}	

\*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.

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- “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(s)**SUBCLASS B01L - CHEMICAL OR PHYSICAL LABORATORY APPARATUS FOR GENERAL USE**

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning</u></b>	<b><u>New/Modified Warning</u></b>
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: - B01L3/14 covered by B01L 3/50</p> <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>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B01L3/14 covered by B01L 3/50</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.

## 2. A. DEFINITIONS (modified)

### B01L

#### Relationships with other classification places

Replace: The Relationships text with the revised text below.

Apparatus for medical or pharmaceutical purposes - class 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 - subclass B01D;
- Mixing or stirring devices - subclass B01F;
- Apparatus for enzymology or microbiology - subclass C12M;
- Microorganisms or enzymes; Compositions thereof; Propagating, preserving or maintaining microorganisms; Mutation or genetic engineering; Culture media - subclass C12N; or
- 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 - subclass C12Q.

Atomisers - subclass B05B;

Sieves - subclass B07B;

Corks or bungs - subclass B65D;

Handling liquids in general - class B67;

Vacuum pumps - class F04;

Tubes or tube joints - subclass F16L;

Apparatus specially adapted for investigating or analysing materials - class G01, particularly subclass G01N; or

Electrical or optical apparatus - see the relevant classes in sections G or H.

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## Special rules of classification

Replace: The Special rules text with the revised text below.

The use of indexing codes in the range [B01L2200/00](#) - [B01L2400/00](#) with [B01L](#) main trunk groups is mandatory.

Documents classified in a group in B01L are often also classified in another group in B01L or in a group in another subclass. For example, a document that relates to sample containers might also be classified for sample taking in group [A61B10/0045](#), for sample storage, in group [B01L3/50](#), and for a specific analysis technique, in subclass [G01N](#).

## B01L 1/025

### Definition statement

Replace: The Definition statement text with the revised text below.

Closed chambers that are without specific application and provide a defined environment such as temperature, pressure, humidity or other gas concentrations, climate chambers.

### References

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

### 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:*

Incubators for culturing cells	<a href="#">C12M 41/14</a>
Test chambers to test weather resistance	<a href="#">G01N 17/002</a>



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## B01L 3/0217

### References

Delete: The entire Limiting references section.

Insert: The following new 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:*

Fluid dosing with measuring chambers in general	<a href="#">G01F 11/02</a>
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#### Informative references

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

Medical syringes	<a href="#">A61M 5/178</a>
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## B01L 3/0241

### Definition statement

Replace: The Definition statement text with the revised text below.

Droplet counters, the constructional details of the dispensing portion of droplet dispensers or how droplets form and fall.

Delete: The entire Relationships with other classification places section.

### References

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Insert: The following new Application-oriented references section.

### **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:*

Making arrays for combinatorial libraries	<a href="#">B01J 19/0046</a>
Microinjections	<a href="#">C12N 15/89</a>
Investigating characteristics of particles	<a href="#">G01N 15/00</a>
Automation of dispensing for analysis	<a href="#">G01N 35/10</a>

### **Informative references**

Replace: The Informative references table with the revised table below.

Means for dispensing and evacuation of reagents to make chemical libraries	<a href="#">B01J 2219/00351</a>
Spraying or atomising in general	<a href="#">B05B</a>
Printing	<a href="#">B41J</a>

### **Special rules of classification**

Replace: The Special rules text with the revised text below.

If drop formers or drop counters are used in conjunction with multi-well plates, classification must also be made in group [B01L 2300/0829](#) as additional information.

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**B01L 3/0289****Definition statement**

Replace: The Definition statement text with the revised text below.

Apparatus for handling fluids, e.g. gas, beads or pulverised materials.

Delete: The entire Relationships with other classification places section.

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

**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:*

Volume measuring in general	G01F
Sample taking	G01N 1/00
Sample taking within automatic analysers	G01N 35/00

**B01L 3/502****Relationships with other classification places**

Replace: The Relationships text with the revised text below.

In addition to storage of the sample, these containers usually enable other functions as well, such as sample preparation or analysis. Double classification in subclass G01N is preferred.

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**References**

Insert: The following new Application-oriented references section.

***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:*

Specific analysis techniques	<a href="#">G01N</a>
Sample preparation	<a href="#">G01N 1/00</a>
Centrifugal-type cuvettes	<a href="#">G01N 21/07</a>
Analysis by separation into components	<a href="#">G01N 30/00</a>
Analysing biological materials	<a href="#">G01N 33/48</a>
Automatic analysers	<a href="#">G01N 35/00</a>

***Informative references***

Replace: The Informative references table with the revised table below.

Measuring characteristics of blood in vivo and taking blood samples	<a href="#">A61B 5/14</a>
Taking bodily sample other than blood	<a href="#">A61B 10/0045</a>
Devices for introducing media into the body	<a href="#">A61M</a>

**B01L 3/5023****Definition statement**

Replace: The Definition statement text with the revised text below.

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Constructional details or flow shaping in sample containers where liquid is transported through an absorbent, e.g. lateral flow devices.

### Relationships with other classification places

Replace: The Relationships text with the revised text below.

Analysis techniques, sensor details or chemistry of lateral flow devices are classified in subclass [G01N](#), e.g. group [G01N 33/543](#).

### References

Insert: The following new Application-oriented references section.

#### ***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:*

Optical sensors	<a href="#">G01N 21/75</a>
Electric, electro-chemical and magnetic analysis	<a href="#">G01N 27/00</a>
Physical analysis of biological material	<a href="#">G01N 33/487</a>

#### ***Informative references***

Replace: The Informative references table with the revised table below.

Layered products	<a href="#">B32B</a>
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### Special rules of classification

Replace: The Special rules text with the revised text below.

Porous microchannels in a substrate with an absorbent should be double classified in group [B01L 3/5023](#) and group [B01L 3/5027](#).

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**B01L 3/5027****Definition statement**

Replace: The Definition statement text with the revised text below.

Sample containers with integrated microfluidic components, which are not restricted to capillary transport but are defined by their small size.

**Relationships with other classification places**

Replace: The Relationships text with the revised text below.

Microfluidic devices can be found in a number of different fields. Group [B01L 3/5027](#) covers only those devices that are used to analyse a sample, while devices used for synthesis are classified in group [B01J 19/0093](#). Lab-on-a-chip is classified in this place, but if the inventive portion is a micromixer, it is classified in group [B01F 33/30](#). The focus of group [B01L 3/5027](#) is on the sample handling per se in such devices, i.e. handling of fluids, beads and single molecules. The specifics of the analysis itself are, for example, classified in subclass [G01N](#) or subclass [C12Q](#).

Capillary fluid transport in porous materials such as flow layers of sample containers, e.g. lateral flow devices, is classified in group [B01L 3/5023](#).

**References**

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

***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:*

Sample preparation	<a href="#">G01N 1/00</a>
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**Informative references**

Replace: The Informative references table with the revised table below.

Microdevices for drug release	A61K 9/0097
Microcapillary devices in general	B81B 1/00
Introducing samples into mass spectrometers	H01J 49/04

**Special rules of classification**

Replace: The Special rules text with the revised text below.

Microfluidic devices characterised by the specific integrated thermal control, e.g. for PCR, should be classified in groups [B01L 3/5027](#) and [B01L 7/00](#).

**B01L 3/502707****References**

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

**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:*

Microdevices for electrophoresis	G01N 27/44791
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**Informative references**

Replace: The Informative references table with the revised table below.

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Surface shaping of plastic articles	B29C 59/00
Joining of preformed plastic parts	B29C 65/00
Laminating	B32B 37/00
Manufacture of microstructural devices in general	B81C
Photolithography	G03F 7/00

**B01L 3/50273****References**

Delete: The entire Limiting references section.

***Informative references***

Replace: The Informative references table with the revised table below.

Influencing the flow rate for a given force	B01L 3/502746
Infusion devices with flow control	A61M 5/168
Micromixers	B01F 33/30
Micropumps in general	F04B 19/006
Micropumps of the membrane type in general	F04B 43/043



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### Special rules of classification

Replace: The Special rules text with the revised text below.

The kind of force or means to move the fluid must be classified in indexing code [B01L 2400/04](#).

### [B01L 3/502738](#)

#### Definition statement

Replace: The Definition statement text with the revised text below.

The constructional details of valves specific to microfluidic sample containers or valving schemes when they depend on integrated structures, e.g. cascades of capillary valves.

Delete: The entire Relationships with other classification places section.

### References

#### Limiting references

Replace: The existing Limiting references table with the revised table below.

Throttle valves in microfluidic sample containers	<a href="#">B01L 3/502746</a>
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Insert: The following new Application-oriented references section.

#### 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:*

Valves in automated analysers	<a href="#">G01N 35/1097</a>
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**Informative references**

Replace: The Informative references table with the revised table below.

Microvalves and actuators in general	<a href="#">F16K 99/0001</a>
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**Special rules of classification**

Replace: The Special rules text with the revised text below.

Details of valves must be classified in indexing code [B01L 2400/06](#).

**Glossary of terms**

Replace: The Glossary of terms table with the revised table below.

valve	means to stop or divert the whole flow of a fluid
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**[B01L 3/502746](#)****Definition statement**

Replace: The Definition statement text with the revised text below.

Controlling the flow resistance in a microfluidic sample container with neither valving, which stops the flow, nor pumping, which is the source of the force for the flow.

For example:

- Providing baffles in order to slow, but not stop, a flow in a specific section of a channel; or
- Adapting the channel dimensions to obtain a specific flow pattern.

**References**

Delete: The entire Limiting references table.

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Insert: The following new Informative references section.

**Informative references**

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

Valves for microfluidic sample containers	<a href="#">B01L 3/502738</a>
Infusion devices with flow control	<a href="#">A61M 5/168</a>
Flow control in general	<a href="#">G05D 7/00</a>

**Special rules of classification**

Replace: The Special rules text with the revised text below.

Flow control details are classified in indexing code [B01L 2400/08](#).

**[B01L 3/502753](#)****Definition statement**

Replace: The Definition statement text with the revised text below.

Sample containers with integrated microfluidic components with bulk separation, such as filtration or centrifugation. In general, the flow direction of the bulk fluid is the same as the component that is separated. In a bulk separation a certain type of particle or fluid is usually separated from another type as a group, based on similarity of their properties. For example, centrifugation leads to classification of particle groups based on density.

**Relationships with other classification places**

Replace: The Relationships text with the revised text below.

A device that has the sole purpose of separation and that is not combined with sample storage, i.e. not integrated, should be classified in subclass [B01D](#).

Group [B01L 3/502753](#) covers bulk separation while group [B01L 3/502761](#) covers separation of individual particles in a microfluidic device.

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**References**Delete: The entire Limiting references section.Insert: The following new Application-oriented references section.***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:*

Sample preparation	G01N 1/28
Centrifugal-type cuvettes	G01N 21/07
Microapparatus for analysis using electrophoresis	G01N 27/44791
Analysing blood by separating its components	G01N 33/491
Automatic analysers using bio-disks	G01N 35/00069

***Informative references***Replace: The Informative references table with the revised table below.

Centrifugal test tubes	B01L 3/5021
Separation in general	B01D
Separation of solids from solids or fluids by e.g. electric or magnetic means, dielectrophoresis	B03C

**B01L 3/502761****Definition statement**Replace: The Definition statement text with the revised text below.

Handling of suspended solids or molecules independent from the bulk fluid flow. In general, the fluid flow direction of the bulk fluid is different from the flow direction of the component to be separated. Handling may comprise trapping, sorting, stretching or orientating particles or molecules.

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Usually, particles or molecules are handled individually and thus can be selectively handled irrespective of whether more particles or molecules of the same type or class exist in the sample. For example, a single DNA molecule may be stretched in a nanochannel, although the sample comprises many more DNA molecules.

Insert: The following new Relationships section.

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

If a document teaches handling of particles in a device, it should be classified in subclass [B01L](#). If it teaches the detection aspects of the particles, it should be classified in group [G01N 15/00](#). If it teaches both, it should be classified in both areas.

### **References**

Delete: The entire Limiting references section.

### **Informative references**

Insert: A space after “e.g.” in the first table row and replace “Sorting” with “sorting” in the second table row so that the table appears as follows.

Separation of solids from solids or fluids by e.g. electric or magnetic means, dielectrophoresis	<a href="#">B03C</a>
Separating or sorting solids from solids	<a href="#">B07B</a>

### **Special rules of classification**

Replace: The Special rules text with the revised text below.

Particles or molecules that are separated as part of a whole class (as bulk) are classified in group [B01L 3/502753](#).

Additional details of handling of particles or molecules must be classified in indexing code [B01L 2200/0647](#).

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## B01L 3/502776

### Definition statement

Replace: The Definition statement text with the revised text below.

Sample containers with integrated microfluidic components having laminated flow arrangements, e.g. sheath flow.

### References

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

#### ***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:*

Investigating characteristics of particles	G01N 15/00
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Insert: The following new Informative references section.

#### ***Informative references***

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

Micromixers	B01F 33/30
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## **B01L 3/502784**

### **Definition statement**

Replace: The Definition statement text with the revised text below.

Droplets or plug flow in sample containers with integrated microfluidic components, e.g. digital microfluidics.

### **References**

Insert: The following new Application-oriented references section.

#### ***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:*

Automatic analysis using a stream of discrete samples in a tube system (bench top sized)	<a href="#">G01N 35/08</a>
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Delete: The entire Informative references section.

## **B01L 3/508**

### **Definition statement**

Replace: The Definition statement text with the revised text below.

Sample containers that have rigid walls and do not comprise any internal sample transport.

### **References**

Delete: The entire Limiting references section.

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Insert: The following new Application-oriented references section.

### ***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:*

Cuvettes	<a href="#">G01N 21/03</a>
Microscope slides	<a href="#">G02B 21/34</a>

### ***Informative references***

Replace: The Informative references table with the revised table below.

Containers with fluid transport within	<a href="#">B01L 3/502</a>
Urine sample containers	<a href="#">A61B 10/007</a>
Vacuum locks for discharge tubes and sample vessels to be used in vacuum	<a href="#">H01J 37/18</a>

**[B01L 3/502](#)**

### ***Definition statement***

Replace: The Definition statement text with the revised text below.

Sample containers having the form of tubes.

### ***References***

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

### ***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:*



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Tubular or bottle type culture devices	C12M 23/08
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**Informative references**

Replace: The Informative references table with the revised table below.

Containers for the purpose of retaining a material to be analysed with fluid transport	B01L 3/502
Racks and holders for test tubes	B01L 9/06
Devices for taking samples of blood	A61B 5/14
Producing plastic containers	B29D 22/003

**B01L 3/50851****Definition statement**

Replace: The Definition statement text with the revised text below.

Sample containers for thermal treatment of samples, e.g. PCR containers.

**B01L 3/50853****References****Limiting references**

Delete: The following row from the Limiting references table.

Handling of closures in automated systems	G01N 35/00
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Insert: The following new Application-oriented references section.

***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:*

Handling of closures in automated systems
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G01N 35/00
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**Special rules of classification**

Replace: The special rules text with the revised text below.

Details are classified in indexing code [B01L 2300/04](#).

**[B01L 3/52](#)****Definition statement**

Replace: The Definition statement text with the revised text below.

Reagent containers that are modular units that can be inserted into a sample container and are thus not an integral part of the sample container.

**Relationships with other classification places**

Replace: The Relationships text with the revised text below.

Sample containers with integrated reagent containers are classified in group [B01L 3/50](#).

**References*****Limiting references***

Replace: The Limiting references table with the revised table below.

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Burettes; Pipettes	B01L 3/02
Storing or dispensing test elements	G01N 33/4875
Automated reagent dispensers	G01N 35/1002

**Informative references**

Replace: The Informative references table with the revised table below.

Lab container with identification means	B01L 3/545
Medical containers	A61J 1/00
Containers for storage of materials	B65D

**B01L 3/54****Definition statement**

Replace: “and” with “or” so the Definition statement text appears as follows.

Labels, barcodes, RFIDs or other identification means used for labware.

**References**

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

**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:*

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Control arrangements for automated analysers	G01N 35/00584
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### **Informative references**

Replace: The Informative references table with the revised table below.

Record carriers for use with machines and with at least a part designed to carry digital markings	G06K 19/00
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### **B01L 3/561**

#### **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:*

Pipes in general	F16L
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### **B01L 3/563**

#### **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:*

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Connectors for a single sample container that retains material to be analysed and has fluid transport within the single container	B01L 3/502
Joints and fittings in general	F16L

**B01L 3/565****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:*

Joints and fittings in general	F16L
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**B01L 3/567****References**

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

***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:*

Automated sample transfer characterised by valves	G01N 35/1097
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**Informative references**

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

Valves in general	F16K
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**B01L 7/00****Definition statement**

Replace: “and” with “or” so the Definition text appears as follows.

Thermostats for heating or cooling or heat insulation devices.

**References**

Insert: The following new Application-oriented references section.

**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:*

Incubators	C12M 41/14
Sample preparation	G01N 1/00

**Informative references**

Delete: The below two rows from the Informative references table.

Incubators	C12M 41/14
Sample preparation	G01N 1/00

**Special rules of classification**

Replace: The special rules text with the revised text below.

To specify the thermostating means, indexing code [B01L 2300/18](#) is used.

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## B01L 7/52

### Definition statement

Replace: The Definition statement text with the revised text below.

Thermocyclers or other thermostats where a sample is exposed to a defined sequence of different temperatures, e.g. the sequences used for polymerase chain reactions [PCR].

### Relationships with other classification places

Replace: The Relationships section text with the revised text below.

The specific analysis methods of PCRs are classified in group [C12Q1/68](#).

Other integrated means such as specific detectors, or means for automation are classified in subclass [G01N](#).

### 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:*

Sequential or parallel reactions	<a href="#">B01J 19/0046</a>
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### Special rules of classification

Insert: “group” before the symbol in the existing Special rules text so that the text appears as follows.

Use double classification with microfluidic sample containers of group [B01L 3/5027](#).

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**B01L 9/50****Definition statement**

Replace: “and” with “or” so the Definition statement text appears as follows.

Indicating positions of wells or other receptacles by numbers, characters, grooves or other means.

Insert: The following new Informative references section.

**Informative references**

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

Clamps in general	<a href="#">F16B 2/06</a>
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**B01L 9/54**

Delete: The entire Definition statement.

**References**

Delete: The entire Limiting references section.

Insert: The following new Application-oriented references section.

**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:*

Positioning tool for sampling or inoculating	<a href="#">C12M 1/265</a>
Automated pipetting stations	<a href="#">G01N 35/10</a>

**Informative references**

Replace: The Informative references table with the revised table below.

Packages for syringes or needles	<a href="#">A61M 5/002</a>
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Racks for syringes or needles	A61M 5/008
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