

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 398

DATE: AUGUST 1, 2017

PROJECT RP0003

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Symbols newly created:</b>	A61M	16/021
	A61M	16/022
	A61M	16/024
	A61M	16/026
<b>Title wording change:</b>	A61M	16/00
<b>New Definitions:</b>	A61M	16/021
	A61M	16/022
	A61M	16/024
	A61M	16/026
<b>Modified Definitions:</b>	A61M	16/00
	A61M	16/0051
<b>Scheme Warning Notices to be added:</b>	A61M	16/00
	A61M	16/0051
	A61M	16/021
	A61M	16/022
	A61M	16/024
	A61M	16/026

**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 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)

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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 A61M– DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/26; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR**

<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>
C	A61M 16/00	0	Devices for influencing the respiratory system of patients by gas treatment, e.g. mouth-to-mouth respiration; Tracheal tubes (stimulating the respiratory movement by mechanical, pneumatic or electrical means, iron lungs combined with gas breathing means A61H 31/00)	A61M 16/00, A61M 16/021, A61M 16/022, A61M 16/024, A61M 16/026
C	A61M 16/0051	1	{with alarm devices}	A61M 16/0051, A61M 16/021, A61M 16/022, A61M 16/024, A61M 16/026
U	A61M 16/01	1	specifically adapted for anaesthetising {(A61M 16/104, A61M 16/18 take precedence)}	
N	A61M 16/021	1	{operated by electrical means (A61M 16/202 – A61M 16/205 take precedence)}	
N	A61M 16/022	2	{Control means therefor}	
N	A61M 16/024	3	{including calculation means, e.g. using a processor}	
N	A61M 16/026	4	{specifically adapted for predicting, e.g. for determining an information representative of a flow limitation during a ventilation cycle by using a root square technique or a regression analysis }	

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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; 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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B. New, Modified or Deleted Warning notice(s)

**SUBCLASS A61M – TITLE DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	A61M 16/00		Group A61M 16/00 is impacted by reclassification into groups A61M 16/021, A61M 16/022, A61M 16/024 and A61M 16/026. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M 16/0051		Group A61M 16/0051 is impacted by reclassification into groups A61M 16/021, A61M 16/022, A61M 16/024 and A61M 16/026. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M 16/021		Group A61M 16/021 is incomplete pending reclassification of documents from groups A61M 16/00 and A61M 16/0051. Groups A61M 16/00, A61M 16/0051 and A61M 16/021 should be considered in order to perform a complete search.
N	A61M 16/022		Group A61M 16/022 is incomplete pending reclassification of documents from groups A61M 16/00 and A61M 16/0051. Groups A61M 16/00, A61M 16/0051 and A61M 16/022 should be considered in order to perform a complete search.
N	A61M 16/024		Group A61M 16/024 is incomplete pending reclassification of documents from groups A61M 16/00 and A61M 16/0051. Groups A61M 16/00, A61M 16/0051 and A61M 16/024 should be considered in order to perform a complete search.
N	A61M 16/026		Group A61M 16/026 is incomplete pending reclassification of documents from groups A61M 16/00 and A61M 16/0051. Groups A61M 16/00, A61M 16/0051 and A61M 16/026 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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## 2. A. DEFINITIONS (New)

Insert the following new definitions:

### A61M16/021

#### References

##### *Limiting references*

*This place does not cover:*

Controlled valves being electrically actuated	<a href="#">A61M16/202 - A61M16/205</a>
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##### *Informative references*

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

Monitoring the respiratory organs	<a href="#">A61B5/08</a>
Electric stimulation by contact electrodes	<a href="#">A61N1/3601</a>

### A61M16/022

#### Definition statement

*This place covers:*

Control means including automated or user control having displays with feedback.

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## A61M16/024

### Definition statement

*This place covers:*

Devices having analog or digital calculators, microprocessors, or computers as the calculation means.

Devices calculating characteristics such as resistance, compliance, or comparison against threshold values.

### References

#### *Informative references*

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

Measuring the resistance or compliance of the lungs	<a href="#">A61M2230/46</a>
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## A61M16/026

### Definition statement

*This place covers:*

Estimation systems, prediction systems, systems using root square, regression, or correlation techniques, Proportional-Integral-Derivative (PID) systems.

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## DEFINITIONS (Modified)

### A61M16/00

Delete: The existing Special Rules paragraph.

The breakdown symbols (i.e. the non “parallel” or non “mirror” symbols ...for classifying the additional information. They are stored in the additional information field.

Replace with: The following new paragraph:

Classification using breakdown symbols and orthogonal symbols (i.e. symbols in the 2000 range) is compulsory.

### A61M16/0051

Delete: The entire Definition Statement section (the heading and all of the text).

Delete: The existing rows in the *Informative references* section.

Replace with: The following new rows:

Alarm for measuring apparatus	<a href="#">G01L19/12</a>
Alarm in devices for introducing media	<a href="#">A61M2205/18</a>
Audible feedback	<a href="#">A61M2205/581</a>
Tactile feedback	<a href="#">A61M2205/582</a>
Visual feedback	<a href="#">A61M2205/583</a>



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Delete: The existing Special Rules paragraph.

The breakdown symbols (i.e. the non “parallel” or non “mirror” Symbols) and “orthogonal” symbols are to be used for classifying the invention information... classified by an invention information symbol. They are also to be used ... They are stored in the additional information field.

Replace with: The following new paragraph:

Classification using breakdown symbols and orthogonal symbols (i.e. symbols in the 2000 range) is compulsory.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	A61M 16/00	A61M 16/00, A61M 16/021, A61M 16/022, A61M 16/024, A61M 16/026
C	A61M 16/0051	A61M 16/0051, A61M 16/021, A61M 16/022, A61M 16/024, A61M 16/026

\* 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.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “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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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 16/021	A61M 16/00	NEW
A61M 16/022	A61M 16/00	NEW
A61M 16/024	A61M 16/00	NEW
A61M 16/026	A61M 16/00	NEW

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.