

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 845

DATE: MAY 1, 2020

PROJECT RP0475

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>		
Symbols Deleted:	A61F	2002/011, 2002/9517, 2002/9522
Symbols New:	A61F	2/0103, 2/0105, 2/0108, 2/011, 2/012, 2/014, 2/2476, 2/9517, 2/9522, 2/9524, 2/9525, 2/9526, 2002/9623, 2/9661, 2/9662
Titles Changed:	A61F	2/01, 2/013, 2/24
Warnings New:	A61F	2/01, 2/0103, 2/0105, 2/0108, 2/012, 2/013, 2/014, 2/24, 2/2476, 2/9522, 2/9524, 2/9525, 2/9526, 2/962, 2002/9623, 2/966, 2/9661, 2/9662
<b>DEFINITIONS:</b>		
Definition New	A61F	2/9662
Definitions Modified:	A61F	2/01
	A61F	2/24
	A61F	2/2427
	A61F	2/95

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL):

A61B2017/1205

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 A61F** – FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES; ORTHOPAEDIC, NURSING OR CONTRACEPTIVE DEVICES; FOMENTATION; TREATMENT OR PROTECTION OF EYES OR EARS; BANDAGES, DRESSINGS OR ABSORBENT PADS; FIRST-AID KITS

<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>
C	A61F2/01	1	Filters implantable into blood vessels	A61F2/01, A61F2/0103, A61F2/0105, A61F2/0108, A61F2/012
N	A61F2/0103	2	{With centering means}	
N	A61F2/0105	2	{Open ended, i.e. legs gathered only at one side}	
N	A61F2/0108	2	{Both ends closed, i.e. legs gathered at both ends}	
D	A61F2002/011	2	{Instruments for their placement or removal}	<Administrative transfer to A61F2/011 INV>
N	A61F2/011	2	{Instruments for their placement or removal}	
N	A61F2/012	2	{Multiple filtering units}	
C	A61F2/013	2	{Distal protection devices, i.e. devices placed distally in combination with another endovascular procedure, e.g. angioplasty or stenting}	A61F2/012, A61F2/013, A61F2/014
N	A61F2/014	3	{Retrograde blood flow filters, i.e. device inserted against the blood flow direction}	
C	A61F2/24	2	Heart valves {; Vascular valves, e.g. venous valves; Heart implants, e.g. passive devices for improving the function of the native valve or the heart muscle; Transmyocardial revascularisation [TMR] devices; Valves implantable in the body}	A61F 2/24, A61F 2/2476
U	A61F 2/2475	3	{Venous valves}	
N	A61F 2/2476	3	{Valves implantable in the body not otherwise provided for}	
D	A61F2002/9517	2	{handle assemblies therefor}	<Administrative transfer to A61F2/9517 INV>
N	A61F2/9517	2	{handle assemblies therefor}	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
D	A61F2002/9522	2	{Means for mounting a stent onto the placement instrument}	<Administrative transfer to A61F2/9522 INV>
Q	A61F2/9522	2	{Means for mounting a stent or stent-graft onto or into a placement instrument}	A61F2/9522, A61F2/9524, A61F2/9525, A61F2/9526
N	A61F2/9524	3	{Iris-type crimpers}	
N	A61F2/9525	3	{using a funnel}	
N	A61F2/9526	3	{using a mandrel}	
U	A61F2002/9528	2	{for retrieval of stents}	
C	A61F2/962	2	having an outer sleeve	A61F2/962, A61F2002/9623
N	A61F2002/9623	3	{the sleeve being reinforced}	
C	A61F2/966	3	with relative longitudinal movement between outer sleeve and prosthesis, e.g. using a push rod	A61F2/966, A61F2/9661, A61F2/9662
N	A61F2/9661	4	{the proximal portion of the stent or stent-graft is released first}	
N	A61F2/9662	4	{the middle portion of the stent or stent-graft is released first}	

\*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.

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- 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 A61F** – FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES; ORTHOPAEDIC, NURSING OR CONTRACEPTIVE DEVICES; FOMENTATION; TREATMENT OR PROTECTION OF EYES OR EARS; BANDAGES, DRESSINGS OR ABSORBENT PADS; FIRST-AID KITS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61F 2/01		Group A61F 2/01 is impacted by reclassification into groups A61F 2/0103, A61F 2/0105, A61F 2/0108, and A61F 2/012. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61F 2/0103		Group A61F 2/0103 is incomplete pending reclassification of documents from group A61F 2/01. Groups A61F 2/01 and A61F 2/0103 should be considered in order to perform a complete search.
N	A61F 2/0105		Group A61F 2/0105 is incomplete pending reclassification of documents from group A61F 2/01. Groups A61F 2/01 and A61F 2/0105 should be considered in order to perform a complete search.
N	A61F 2/0108		Group A61F 2/0108 is incomplete pending reclassification of documents from group A61F 2/01. Groups A61F 2/01 and A61F 2/0108 should be considered in order to perform a complete search.
N	A61F 2/012		Group A61F 2/012 is incomplete pending reclassification of documents from groups A61F 2/01 and A61F 2/013. Groups A61F 2/01, A61F 2/013, and A61F 2/012 should be considered in order to perform a complete search.
N	A61F 2/013		Group A61F 2/013 is impacted by reclassification into groups A61F 2/012 and A61F 2/014. Groups A61F 2/013, A61F 2/012, and A61F 2/014 should be considered in order to perform a complete search.
N	A61F 2/014		Group A61F 2/014 is incomplete pending reclassification of documents from group A61F 2/013. Groups A61F 2/013 and A61F 2/014 should be considered in order to perform a complete search.
N	A61F 2/24		Group A61F 2/24 is impacted by reclassification into group A61F 2/2476. Groups A61F 2/24 and A61F 2/2476 should be considered in order to perform a complete search.
N	A61F 2/2476		Group A61F 2/2476 is incomplete pending reclassification of documents from group A61F 2/24. Groups A61F 2/24 and A61F 2/2476 should be considered in order to perform a complete search.

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N	A61F 2/9522		Group A61F 2/9522 is impacted by reclassification into groups A61F 2/9524, A61F 2/9525, and A61F 2/9526. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61F 2/9524		Group A61F 2/9524 is incomplete pending reclassification of documents from group A61F 2/9522. Groups A61F 2/9522 and A61F 2/9524 should be considered in order to perform a complete search.
N	A61F 2/9525		Group A61F 2/9525 is incomplete pending reclassification of documents from group A61F 2/9522. Groups A61F 2/9522 and A61F 2/9525 should be considered in order to perform a complete search.
N	A61F 2/9526		Group A61F 2/9526 is incomplete pending reclassification of documents from group A61F 2/9522. Groups A61F 2/9522 and A61F 2/9526 should be considered in order to perform a complete search.
N	A61F 2/962		Group A61F 2/962 is impacted by reclassification into group A61F 2002/9623. Groups A61F 2/962 and A61F 2002/9623 should be considered in order to perform a complete search.
N	A61F 2002/9623		Group A61F 2002/9623 is incomplete pending reclassification of documents from group A61F 2/962. Groups A61F 2/962 and A61F 2002/9623 should be considered in order to perform a complete search.
N	A61F 2/966		Group A61F 2/966 is impacted by reclassification into groups A61F 2/9661 and A61F 2/9662. Groups A61F 2/966, A61F 2/9661, and A61F 2/9662 should be considered in order to perform a complete search.
N	A61F 2/9661		Group A61F 2/9661 is incomplete pending reclassification of documents from group A61F 2/966. Groups A61F 2/966 and A61F 2/9661 should be considered in order to perform a complete search.
N	A61F 2/9662		Group A61F 2/9662 is incomplete pending reclassification of documents from group A61F 2/966. Groups A61F 2/966 and A61F 2/9662 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)**

### **A61F 2/9662**

#### **Definition statement**

*This place covers:*

The wording in the title "released" is regarded as "expanded", i.e. "the middle portion of the stent or stent-graft is expanded first"

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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>
A61F2/01	Limiting references	Filters used as gripping instruments <a href="#">A61B 17/22031</a>	<u>Delete</u> the entire limiting references.
A61F2/01	Informative references		<u>Insert</u> : The following reference to the <i>Informative references</i> table.  Filters used as gripping instruments <a href="#">A61B 17/221</a>
A61F2/24	Limiting references	Esophageal valves <a href="#">A61F 2/04</a> and <a href="#">A61F 2002/044</a> Plugging a cardiac septal defect; Dividing the heart volume into a passive and an active section, e.g. umbrella shaped <a href="#">A61B 17/0057</a> Valvuloplasty <a href="#">A61B 2017/00783</a> Apical access devices/heart ports <a href="#">A61B 2017/3425</a> Motor for/with heart valve <a href="#">A61M 1/127</a>	<u>Delete</u> : The entire limiting references table and section.
A61F2/24			<u>Insert</u> : The following references into a new <i>Application-oriented references</i> section.  <b>References</b> <i>Application-oriented references</i> <i>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:</i>  Plugging a cardiac septal defect <a href="#">A61B 17/0057</a> Motor for/with heart valve <a href="#">A61M 1/127</a> Esophageal, Lung/bronchial valves <a href="#">A61F 2/2476</a>



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A61F2/24			<p><u>Insert</u>: The following references into a new <i>Informative references</i> section.</p> <p><b>References</b>  <i>Informative references</i>  Attention is drawn to the following places, which may be of interest for search:</p> <p>Valvuloplasty  <a href="#">A61B 2017/00783</a>  Apical access devices / heart ports  <a href="#">A61B 2017/3425</a></p>
A61F2/24	Special rules	Lung/bronchial valves <a href="#">A61F2002/043</a>	<u>Delete</u> the entire <i>Special rules</i> section.
A61F2/2427	Limiting references	Delivery devices for ... native heart valve <a href="#">A61F2/2466</a>	<u>Delete</u> the entire <i>Limiting references</i> section.
A61F2/2427			<p><u>Insert</u>: The following references into a new <i>Application-oriented references</i> section.</p> <p><b>References</b>  <i>Application-oriented references</i>  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:</p> <p>Delivery devices for annuloplasty implants or for inserts in the coronary sinus for correcting the valve shape or for implants for improving the function of a native heart valve  <a href="#">A61F 2/2466</a></p>
A61F2/2427	Special rules	Handle mechanisms <a href="#">A61F2002/9517</a> Heart valve crimping mechanisms <a href="#">A61F2002/9522</a>	<u>Delete</u> the entire <i>Special rules</i> section.
A61F2/2427			<p><u>Insert</u>: The following references into a new <i>Informative references</i> section.</p> <p><b>References</b>  <i>Informative references</i>  Attention is drawn to the following places, which may be of interest for search:</p> <p>Handle mechanisms  <a href="#">A61F 2/9517</a>  Heart valve crimping devices  <a href="#">A61F 2/9522</a></p>

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A61F2/95	Limiting references	Instruments for occluding devices <a href="#">A61B17/12022</a> Handles for balloon inflation <a href="#">A61M25/1018</a>	<u>Delete</u> the entire <i>Limiting references</i> section.
A61F2/95	Application oriented reference		<u>Insert</u> : The following references into a new <i>Application-oriented references</i> section.  <b>References</b> <i>Application-oriented references</i> <i>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:</i>  Instruments for placing occluding devices <a href="#">A61B 17/12022</a> Handles for angioplasty balloon inflation <a href="#">A61M 25/1018</a> Means for mounting a stent or stent-graft onto or into a placement instrument <a href="#">A61F 2/9522</a>
A61F2/95	Special rules	<a href="#">A61F2002/9505</a> <a href="#">A61F2002/9511</a> <a href="#">A61F2002/9517</a> <a href="#">A61F2002/9522</a> <a href="#">A61F2002/9528</a> <a href="#">A61F2002/9534</a>	<u>Delete</u> the entire <i>Special rules</i> section.
A61F2/95	Informative reference		<u>Insert</u> : The following rows to the <i>Informative references</i> table.  Having retaining means other than an outer sleeve, e.g. male-female connector between stent or stent-graft and instrument <a href="#">A61F 2002/9505</a> The retaining means being filaments or wires <a href="#">A61F 2002/9511</a> Handle assemblies therefor <a href="#">A61F 2/9517</a> For retrieval of stents or stent-grafts <a href="#">A61F 2002/9528</a> For repositioning of stents or stent-grafts <a href="#">A61F 2002/9534</a>

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.

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
C	A61F 2/01	A61F 2/01, A61F 2/0103, A61F 2/0105, A61F 2/0108, A61F 2/012
D	A61F 2002/011	<Administrative transfer to A61F 2/011 INV >
C	A61F 2/013	A61F 2/012, A61F 2/013, A61F 2/014
C	A61F 2/24	A61F 2/24, A61F 2/2476
D	A61F 2002/9517	<Administrative transfer to A61F 2/9517 INV>
D	A61F 2002/9522	<Administrative transfer to A61F 2/9522 INV>
Q	A61F 2/9522	A61F 2/9522, A61F 2/9524, A61F 2/9525, A61F 2/9526
C	A61F 2/962	A61F 2/962, A61F 2002/9623
C	A61F 2/966	A61F 2/966, A61F 2/9661, A61F 2/9662

\* 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; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61F 2/0103	A61F 2/01	NEW
A61F 2/0105	A61F 2/01	NEW
A61F 2/0108	A61F 2/01	NEW
A61F 2002/011		DELETE
A61F 2/011	A61F 2/01	NEW
A61F 2/012	A61F 2/01	NEW
A61F 2/014	A61F 2/01	NEW
A61F 2/2476	A61F 2/24	NEW
A61F 2002/9517		DELETE
A61F 2/9517	A61F 2/95	NEW
A61F 2002/9522		DELETE
A61F 2/9522	A61F 2/95	NEW
A61F 2/9524	A61F 2/95	NEW
A61F 2/9525	A61F 2/95	NEW
A61F 2/9526	A61F 2/95	NEW
A61F 2002/9623	A61F 2/962	NEW
A61F 2/9661	A61F 2/966	NEW
A61F 2/9662	A61F 2/966	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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A61B2017/1205	A61F 2002/011	Limiting references	Replace with A61F 2/011

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.