

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1905

DATE: MAY 1, 2026

PROJECT RP11530

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	C07K	14/791
	C07K	14/7912
	C07K	14/79122
	C07K	14/79124
	C07K	14/79126
	C07K	14/7914
	C07K	14/79144
	C07K	14/79148
	C07K	14/7916
	C07K	14/79162
	C07K	14/79164
	C07K	14/79166
	C07K	14/79168
	C07K	14/79169
	C07K	14/7918
	C07K	14/79182
	C07K	14/79186
	C07K	14/792
	C07K	14/7921
	C07K	14/7922
	C07K	14/7924
	C07K	14/7926
	C07K	14/7928
	C07K	14/7929
Indents Changed:	C07K	14/045
Warnings New:	C07K	14/435
	C07K	14/46
	C07K	14/47
	C07K	14/705
	C07K	14/791
	C07K	14/792
DEFINITIONS:		
Definition Deleted:	C07K	14/435
Definition Modified:	C07K	14/00
	C07K	16/00

This Notice of Changes includes the following *[Check the ones included]*:

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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 C07K – PEPTIDES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C07K14/045	4	Cytomegalovirus	
C	C07K14/435	1	from animals; from humans	C07K14/435, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929

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C	C07K14/46	2	from vertebrates	C07K14/46, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929
C	C07K14/47	3	from mammals	C07K14/47, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929

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C	C07K14/705	2	Receptors; Cell surface antigens; Cell surface determinants {(tumour specific antigens C07K14/4748)}	C07K14/705, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929
U	C07K14/79	2	Transferrins, e.g. lactoferrins, ovotransferrins	
N	C07K14/791	2	{Ion channels}	
N	C07K14/7912	3	{Voltage gated ion channels}	
N	C07K14/79122	4	{Potassium channels}	
N	C07K14/79124	4	{Sodium channels}	
N	C07K14/79126	4	{Calcium channels}	
N	C07K14/7914	3	{Light-gated ion channels}	
N	C07K14/79144	4	{Rhodopsin}	
N	C07K14/79148	5	{Anion-conducting channel rhodopsin}	
N	C07K14/7916	3	{Ligand-gated ion channels}	
N	C07K14/79162	4	{Serotonin}	
N	C07K14/79164	4	{Nicotinic acetylcholine}	
N	C07K14/79166	4	{Gamma aminobutyric acid [GABA]}	
N	C07K14/79168	4	{Glycine [GlyR]}	
N	C07K14/79169	4	{Glutamate}	
N	C07K14/7918	3	{Mechanosensitive ion channels}	
N	C07K14/79182	4	{Transient receptor potential cation channels [TRP]}	
N	C07K14/79186	4	{Epithelial sodium channel [ENaC] or degenerin sodium channel [DEG]}	
N	C07K14/792	2	{Transporters}	
N	C07K14/7921	3	{ATP binding cassette [ABC] transporters}	
N	C07K14/7922	3	{Na+K+-ATPase}	
N	C07K14/7924	3	{Folate}	

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N	C07K14/7926	3	{Glucose}	
N	C07K14/7928	3	{Dopamine}	
N	C07K14/7929	3	{Serotonin}	

*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 C07K – PEPTIDES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
N	C07K14/435		<p>Group C07K14/435 is impacted by reclassification into groups C07K14/791 - C07K14/7929.</p> <p>Groups C07K14/435 and C07K14/791 - C07K14/7929 should be considered in order to perform a complete search.</p>
N	C07K14/46		<p>Group C07K14/46 is impacted by reclassification into groups C07K14/791 - C07K14/7929.</p> <p>Groups C07K14/46 and C07K14/791 - C07K14/7929 should be considered in order to perform a complete search.</p>
N	C07K14/47		<p>Group C07K14/47 is impacted by reclassification into groups C07K14/791 - C07K14/7929.</p> <p>Groups C07K14/47 and C07K14/791 - C07K14/7929 should be considered in order to perform a complete search.</p>
N	C07K14/705		<p>Group C07K14/705 is impacted by reclassification into groups C07K14/791 - C07K14/7929.</p> <p>Groups C07K14/705 and C07K14/791 - C07K14/7929 should be considered in order to perform a complete search.</p>
N	C07K14/791		<p>Groups C07K14/791 - C07K14/79186 are incomplete pending reclassification of documents from groups C07K14/435, C07K14/46, C07K14/47 and C07K14/705.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
N	C07K14/792		<p>Groups C07K14/792 - C07K14/7929 are incomplete pending reclassification of documents from groups C07K14/435, C07K14/46, C07K14/47 and C07K14/705.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</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)

C07K14/00

Definition statement

Replace: The existing Definition statement with the following updated text.

- Polymers of amino acids linked by peptide bonds and compositions containing them
- Genes and other polynucleotides coding for peptides
- Non-coding nucleic acid sequences, e.g. promoters, operators, derived from genes or operons coding for peptides
- Fragments of peptides and nucleic acids encoding peptides (fragments smaller than 21 amino acids are classified with the parent peptides; fragments of 2-4 amino acid residues are also classified in [C07K5/00](#))
- Methods for preparation and purification of specific peptides are classified with these peptides
- General methods are classified in [C07K1/00](#)
- Fusion proteins
- Crystallized proteins
- Hybrid peptides (classified according to their peptide component)

Relationships with other classification places

Replace: The existing Relationships text with the following updated text.

Medicinal preparations containing known peptides are not classified in [C07K](#), only in [A61K](#).

Protease inhibitors that are fragments of proteases are classified only in [C12N9/50](#) - [C12N9/86](#), and not in [C07K14/81](#).

Peptides prepared by recombinant DNA technology are not classified according to the host, but according to the original peptide expressed, e.g. HIV peptide expressed in *E. coli* is classified with HIV peptides, namely in [C07K14/005](#) and [C12N2740/16022](#) if HIV in general or [C12N2740/16122](#) if it relates to HIV envelop protein, for example.

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Documents in which emphasis is given on the method for the preparation of fusion proteins are classified in [C12N15/62](#).

References

Delete: The entire Limiting references section.

Application-oriented references

Replace: The existing Application-oriented references table with the following updated table.

Medicinal formulation or composition containing organic active ingredients	A61K31/00
Medicinal preparations containing peptides	A61K38/00

Informative references

Replace: The existing Informative references table with the following updated table.

Peptides having less than 21 amino acids	C07K4/00 - C07K7/00
Immunoglobulins	C07K16/00
Carrier-bound or immobilised peptides and preparation thereof	C07K17/00
Peptides in foodstuff	A23
Peptides with enzymatic activity	C12N9/00
Compositions for measuring or testing processes involving peptides	C12Q
Investigation or analysis of peptides	G01N33/00

Special rules of classification

Replace: The existing Special rules text with the following updated text.

In this subclass, in the absence of an indication to the contrary, a compound is classified in the last appropriate place. Symbols are only assigned to inventive information.

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Methods for the preparation or purification of specific peptides are classified in the group of the corresponding peptides. However, the invention may also be valid for other peptides and such documents are also classified in [C07K1/00](#).

Fragments of peptides modified by removal or addition of amino acids, by substitution of amino acids by others, or by combination of these modifications are classified as the parent peptides. However, fragments of peptides having four or less amino acids are also classified in group [C07K5/00](#).

Specific peptides prepared by chemical processes or peptides having an amino acid sequence derived from specific peptides are classified with the specific peptides.

Fusion peptides are classified in the groups of their components, the document has further to be given an indexing orthogonal symbol in [C07K2319/00](#) for fusion proteins.

Hybrid peptides are classified according to their peptide component.

Glossary of terms

Replace: The existing Glossary of terms table with the following updated table.

amino acid	compounds in which at least one amine and at least one carboxylic group are bound to the same carbon skeleton and the nitrogen atom of the amino group may be included in a ring structure
fusion peptide	peptide consisting of (parts of) different proteins covalently linked to each other by a peptide bond
hybrid peptide	peptide comprising components of heterologous molecules
immunoglobulin	protein produced by B cells, made up of two identical heavy and two identical light chains, held together by interchain disulfide bonds
peptide bond	a link between an alpha-amino group of an amino acid and the carboxylic group – in position 1 – of another alpha-amino acid
signal sequence	a 3-60 amino acids stretch that directs the transport of the protein to which it is attached

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C07K16/00

References

Informative references

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

Cellular immunotherapy	A61K40/00
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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>
C07K14/435	Entire Definition		<u>Delete</u> the entire Definition

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)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	C07K14/435	C07K14/435, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929
C	C07K14/46	C07K14/46, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929
C	C07K14/47	C07K14/47, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929
C	C07K14/705	C07K14/705, C07K14/791, C07K14/7912, C07K14/79122, C07K14/79124, C07K14/79126, C07K14/7914, C07K14/79144, C07K14/79148, C07K14/7916, C07K14/79162, C07K14/79164, C07K14/79166, C07K14/79168, C07K14/79169, C07K14/7918, C07K14/79182, C07K14/79186, C07K14/792, C07K14/7921, C07K14/7922, C07K14/7924, C07K14/7926, C07K14/7928, C07K14/7929

* 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>.

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- 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>
C07K 14/7051	C07K 14/705	UPDATE
C07K 14/70514	C07K 14/705	UPDATE
C07K 14/70535	C07K 14/705	UPDATE
C07K 14/70539	C07K 14/705	UPDATE
C07K 14/791	C07K 14/435	NEW
C07K 14/7912	C07K 14/435	NEW
C07K 14/79122	C07K 14/435	NEW
C07K 14/79124	C07K 14/435	NEW
C07K 14/79126	C07K 14/435	NEW
C07K 14/7914	C07K 14/435	NEW
C07K 14/79144	C07K 14/435	NEW
C07K 14/79148	C07K 14/435	NEW
C07K 14/7916	C07K 14/435	NEW
C07K 14/79162	C07K 14/435	NEW
C07K 14/79164	C07K 14/435	NEW
C07K 14/79166	C07K 14/435	NEW
C07K 14/79168	C07K 14/435	NEW
C07K 14/79169	C07K 14/435	NEW
C07K 14/7918	C07K 14/435	NEW
C07K 14/79182	C07K 14/435	NEW
C07K 14/79186	C07K 14/435	NEW
C07K 14/792	C07K 14/435	NEW
C07K 14/7921	C07K 14/435	NEW
C07K 14/7922	C07K 14/435	NEW
C07K 14/7924	C07K 14/435	NEW
C07K 14/7926	C07K 14/435	NEW
C07K 14/7928	C07K 14/435	NEW
C07K 14/7929	C07K 14/435	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.