

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	C07F	17/02
	H01G	9/2045
	H01S	5/0218, 5/3214
DEFINITIONS:		
Definitions Modified:	A61K	Subclass
Definition Quick Fix	C04B	35/58085, 35/62852, 35/62855
	C07F	Subclass
	C07F	5/00, 7/00, 19/00
	D06M	11/00
	H01L	21/00, 31/202
	H10K	Subclass

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)

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C07F - ACYCLIC, CARBOCYCLIC OR HETEROCYCLIC COMPOUNDS CONTAINING ELEMENTS OTHER THAN CARBON, HYDROGEN, HALOGEN, OXYGEN, NITROGEN, SULFUR, SELENIUM OR TELLURIUM (metal-containing porphyrins C07D 487/22)

<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>
M	C07F 17/02	1	of metals of Groups 8, 9 or 10 of the Periodic Table	

SUBCLASS H01G - CAPACITORS; CAPACITORS, RECTIFIERS, DETECTORS, SWITCHING DEVICES, LIGHT-SENSITIVE OR TEMPERATURE-SENSITIVE DEVICES OF THE ELECTROLYTIC TYPE (selection of specified materials as dielectric H01B 3/00; capacitors having potential barriers H01L 29/00)

<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>
M	H01G 9/2045	2	{comprising a semiconductor electrode comprising elements of the fourth group of the Periodic Table with or without impurities, e.g. doping materials}	

SUBCLASS H01S - DEVICES USING THE PROCESS OF LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION [LASER] TO AMPLIFY OR GENERATE LIGHT; DEVICES USING STIMULATED EMISSION OF ELECTROMAGNETIC RADIATION IN WAVE RANGES OTHER THAN OPTICAL

<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>
M	H01S 5/0218	3	{Substrates comprising semiconducting materials from other groups of the Periodic Table than the materials of the active layer}	
M	H01S 5/3214	4	{comprising materials from other groups of the Periodic Table than the materials of the active layer, e.g. ZnSe claddings and GaAs active layer}	

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

*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 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.

DATE: AUGUST 1, 2024

PROJECT MP12374

2. A. DEFINITIONS (modified)

A61K

Definition statement

Replace: The Definition statement text with the following modified text:

Compositions which are:

Used as preparations for dentistry, e.g. for artificial teeth, for filling or for capping teeth, or for taking dental impressions.

Used for cosmetic purposes for treating the skin, hair, nails, teeth or oral cavity with a view to cleaning them, changing their appearance, correcting body odours, protecting them or keeping them in good condition.

Used for medicinal purposes, e.g. drugs, biological compositions, when they are capable of:

- preventing, alleviating, treating or curing abnormal or pathological conditions of the living body by such means as destroying a parasitic organism or limiting the effect of the disease or abnormality by chemically altering the physiology of the host or parasite;
- maintaining, increasing, decreasing, limiting or destroying a physiological body function, e.g. vitamin compositions, sex sterilants, fertility inhibitors, growth promoters or the like;
- diagnosing a physiological condition or state by an in vivo test, e.g. X-ray contrast or skin patch test compositions.

Processes:

- of preparing these compositions;
- of using these compositions or single compounds for medical, dental or toiletry purposes.

Relationships with other classification places

Replace: The Relationships with other classification places text with the following revised text:

Subclass [A01N](#) covers the preservation of bodies of humans or animals or plants or parts thereof; biocides, e.g. as disinfectants, as pesticides or as herbicides. The distinction between classification in subclass [A61K](#) and subclass [A01N](#) is

DATE: AUGUST 1, 2024

PROJECT MP12374

probably best envisaged in terms of the purpose. Subject-matter classified in subclass [A61K](#) imparts a direct benefit to the organism to which it is administered, e.g. curative. Subject-matter classified in subclass [A01N](#) on the other hand has no benefit to the target organism even though there may well be a secondary benefit to another organism, e.g. pesticides in crop protection.

Compounds per se are classified in classes [C01](#), [C07](#) or [C08](#).

Subclass [C08K](#) covers the use of substances as compounding ingredients.

Compositions per se containing polymers are classified in subclass [C08L](#).

Microorganisms per se are classified in subclass [C12N](#).

Multiple classification

The therapeutic activity of medicinal preparations is further classified in subclass [A61P](#).

The use of cosmetics or similar toiletry preparations is further classified in subclass [A61Q](#).

References

Limiting references

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

Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms	A61J 3/00
Disinfection, sterilisation or deodorisation of air; Chemical aspects or use of materials for bandages, dressings, absorbent pads or surgical articles	A61L
Detergent compositions	C11D

DATE: AUGUST 1, 2024

PROJECT MP12374

Informative referencesReplace: The Informative references table with the following revised table:

Sex sterilants for invertebrates per se	A01N
Biocides, pest repellents or attractants per se	A01N 25/00
Wigs	A41G 3/00
Hair pieces, inserts, rolls, pads or the like	A41G 5/00
Processes of waving, straightening or curling hair	A45D 7/00
Artificial nails per se	A45D 31/00
Containers or accessories specially adapted for handling toiletry or cosmetic substances	A45D 34/00
Diagnosis; Surgery; Identification	A61B
Dentistry	A61C
Electrotherapy; Magnetotherapy; Radiation therapy; Ultrasound therapy	A61N
Mixing, e.g. dissolving, emulsifying or dispersing	B01F
Essential oils; Perfumes	C11B 9/00
Measuring or testing processes involving enzymes or microorganisms; Compositions or test papers therefore; Processes of preparing such compositions; Condition-responsive control in microbiological or enzymological processes	C12Q
Investigating or analysing materials by determining their chemical or physical properties	G01N

DATE: AUGUST 1, 2024

PROJECT MP12374

Special rules of classification

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

Looping references between [A61L](#) and [A61K](#) have been identified. CPC will be updated/corrected once this inconsistency is resolved in IPC. The current classification practice in CPC is as follows: Both [A61L](#) and [A61K](#) will be considered as informative reference (classification in both subclasses is done when needed).

Attention is drawn to the definitions of the groups of chemical elements following the title of section C.

In this subclass, with the exception of group A61K 8/00, in the absence of an indication to the contrary, classification is made in the last appropriate place.

Attention is drawn to the Notes in class C07, for example, the Notes following the title of the subclass C07D, setting forth the rules for classifying organic compounds in that class, which rules are also applicable, if not otherwise indicated, to the classification of organic compounds of subclass A61K.

A composition, i.e. a mixture of two or more ingredients, is classified in the last of groups A61K 31/00 - A61K 47/00 that provides for at least one of these ingredients.

Any part of a composition which is not identified by classification according to the last appropriate place of an active ingredient, which itself is determined to be novel and non-obvious, must also be classified. The part can be either a single ingredient or a composition in itself.

Any part of a composition which is not identified by the classification according to the last appropriate place, which is considered to represent information of interest for search, may also be classified. This can for example be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
C04B 35/58085	Informative references	H01L 21/02425	<u>Replace</u> "Periodic System" with "Periodic Table" in reference text.
C04B 35/58085	Informative references	H01L 21/28518	<u>Replace</u> "Periodic System" with "Periodic Table" in reference text.
C04B 35/62852	Informative references	D06M 11/45	<u>Replace</u> "Periodic System" with "Periodic Table" in reference text.
C04B 35/62855	Informative references	D06M 11/46	<u>Replace</u> "Periodic System" with "Periodic Table" in reference text.
C04B 35/62855	Informative references	D06M 11/47	<u>Replace</u> "Periodic System" with "Periodic Table" in reference text.
C04B 35/62855	Informative references	C04B 35/62855 and subgroups	<u>Delete</u> the entire reference from the Informative references table.
C07F	Special rules of classification	In the absence of an indication to the contrary, the Periodic System of chemical elements referred to is the one with 18 groups as represented in the table below.	<u>Replace</u> "Periodic System" with "Periodic Table" in first paragraph of text.
C07F 5/00	Special rules of classification	Elements of the Lanthanide series and of the Actinide series are considered as	<u>Replace</u> "Periodic System" with "Periodic Table" in first paragraph of text.

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

		elements of Group 3 of the Periodic System.	
C07F 7/00	Special rules of classification	Compounds containing elements of groups 4 or 14 of the Periodic System, but without a metal-carbon bond are classified in C07F 7/003.	<u>Replace</u> text with: “Compounds containing elements of groups 4 or 14 of the Periodic Table, but without a metal-carbon bond, are classified in C07F 7/003.”
C07F 19/00	Special rules of classification	Documents containing at least four different metal compounds wherein the four different metals belong to four different groups of the Periodic System, or documents containing ligated metal clusters comprising four different metals wherein the metals belong to four different groups of the Periodic System.	<u>Replace</u> “Periodic System” with “Periodic Table” in first paragraph of text.
D06M 11/00	Special rules of classification	In this group, classification of the elements is to be understood in accordance with CPC subclass C07F, i.e. according to the Periodic System of chemical elements that is	<u>Replace</u> “Periodic System” with “Periodic Table”.

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

		represented by a table with columns IA, IIA, IIIB-VIIIB, IB, IIB, and IIIA-VIIIA.	
H01L 21/00	Special rules of classification	Single mono-steps for which a provision exists elsewhere in ECLA need not to be classified in H01L 21/00, except if they are specific to the fabrication of semiconductor devices as defined under H01L 21/00. E.g., apparatuses which are not specific to the fabrication of these devices, e.g. apparatuses for depositing layers, are classified in C23C or C30B.	<u>Replace</u> "ECLA" with "CPC" in the first paragraph of text.
H01L 21/00	Special rules of classification	Subject matter relating to processes and apparatus which are clearly suitable for manufacture or treatment of devices whose bodies comprise elements of the fourth group of the Periodic System (silicon, germanium), and where the material used is not explicitly	<u>Replace</u> the two instances of "Periodic System" with "Periodic Table" in the 8th paragraph of text.

CPC NOTICE OF CHANGES 1648

DATE: AUGUST 1, 2024

PROJECT MP12374

		specified, is classified in the subgroups relating to semiconductors of the fourth group of the Periodic System (silicon, germanium).	
H01L 31/202	Definition statement	Methods for depositing elements of the fourth group of the Periodic System, e.g. amorphous silicon.	<u>Replace</u> "Periodic System" with "Periodic Table".
H10K	Special rules of classification	In this subclass, the periodic system used is the I to VIII group system indicated in the periodic table under Note (3) of section C.	<u>Replace</u> "periodic table" with "Periodic Table" in the third paragraph.

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.