

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 243

DATE: NOVEMBER 1, 2016

PROJECT MP0115

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Title changes:	A01G	9/00
	A01G	9/10
	A61K	31/396
	A61K	47/48876
	A61K	47/48884
	A61K	47/48892
	B05B	15/002
	B05B	15/065
	B60K	1/00
	C07D	233/50
	C08J	subclass
	C08J	3/02
	C08J	3/226
	C22C	9/05
	C22C	21/003
	F24F	13/0209
	H01L	39/2451
Scheme Notes to be added/modified:	A61K	47/48876
	A61K	47/48884
	C40B	subclass

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 A01G – HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING (picking of fruits, vegetables, hops, or the like A01D46/00; plant reproduction by tissue culture techniques A01H4/00; devices for topping or skinning onions or flower bulbs A23N15/08; propagating unicellular algae C12N1/12; plant cell culture C12N5/00)

<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>
M	A01G9/00	0	Cultivation of plants in receptacles, forcing-frames, or greenhouses (cultivation without soil A01G31/00 {; turfing of roofs E04D11/002})	
M	A01G9/10	1	Pots {or other receptacles} for {seeds,} seedlings {, saplings, cuttings or other young plants, e.g. foldable pots}; Soil-blocks {or like} for seedlings {; Plant substrate bodies}; Means for forming soil-blocks	

SUBCLASS A61K – PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J3/00; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L; {compounds per se C01, C07, C08, C12N}; soap compositions C11D; {micro-organisms per se C12N})

<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>
M	A61K31/396	3	having three-membered rings, e.g. aziridine	
M	A61K47/48876	4	{the form being a solid micro- or nanoparticle having no hollow or gas-filled core }	

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SUBCLASS B05B – SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES ({sprayers or atomisers specially adapted for therapeutic purposes A61M11/00}; spray-mixers with nozzles B01F5/20; processes for applying liquids or other fluent materials to surfaces by spraying B05D; {nozzles specially adapted for injection moulding of plastics or substances in a plastic state B29C45/1603, B29C45/20; nozzles specially adapted for windscreen washers B60S1/52}; means for pumping fluids F04; valves, e.g. water-taps, F16K)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B05B15/002	1	{Means for stirring, mixing or homogenising the material in a container to be sprayed}	
M	B05B15/065	2	{Mounting arrangements for fluidically connecting the spray apparatus, spray heads or other outlets to a flow conduit (joints in general F16L13/00 - F16L37/00)}	

SUBCLASS B60K – ARRANGEMENT OR MOUNTING OF PROPULSION UNITS OR OF TRANSMISSIONS IN VEHICLES; ARRANGEMENT OR MOUNTING OF PLURAL DIVERSE PRIME-MOVERS; AUXILIARY DRIVES; INSTRUMENTATION OR DASHBOARDS FOR VEHICLES; ARRANGEMENTS IN CONNECTION WITH COOLING, AIR INTAKE, GAS EXHAUST, OR FUEL SUPPLY, OF PROPULSION UNITS, IN VEHICLES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B60K1/00	0	Arrangement or mounting of electrical propulsion units (B60K7/00 takes precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K6/00; electric transmission arrangements B60K17/12; electric equipment or propulsion of electrically-propelled vehicles <i>per se</i> B60L; current-collectors for power supply lines of electrically-propelled vehicles B60L5/00)	

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SUBCLASS C07D – HETEROCYCLIC COMPOUNDS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C07D233/50	4	with carbocyclic radicals directly attached to said nitrogen atoms	

SUBCLASS C08J – WORKING-UP; GENERAL PROCESSES OF COMPOUNDING; AFTER-TREATMENT NOT COVERED BY SUBCLASSES C08B, C08C, C08F, C08G (mechanical aspects B29; layered products, manufacture thereof B32B; treatment of macromolecular material specially adapted to enhance its filling properties in mortars, concrete or artificial stone C04B16/04, C04B18/20, C04B20/00; treatment of textiles D06)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C08J	subclass	WORKING-UP; GENERAL PROCESSES OF COMPOUNDING; AFTER-TREATMENT NOT COVERED BY SUBCLASSES C08B, C08C, C08F, C08G (mechanical aspects B29; layered products, manufacture thereof B32B; treatment of macromolecular material specially adapted to enhance its filling properties in mortars, concrete or artificial stone C04B 16/04, C04B 18/20, C04B 20/00; treatment of textiles D06)	
M	C08J3/02	1	Making solutions, dispersions or lattices by other methods than by solution, emulsion or suspension polymerisation techniques	
M	C08J3/226	3	{ using a polymer as a carrier }	

SUBCLASS C22C – ALLOYS (flints C06C15/00; treatment of alloys C21D, C22F)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	C22C9/05	1	with manganese as the next major constituent	
M	C22C21/003	1	{ containing at least 2.6% of one or more of the elements: tin, lead, antimony, bismuth, cadmium, and titanium }	

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SUBCLASS F24F – AIR-CONDITIONING, AIR-HUMIDIFICATION, VENTILATION, USE OF AIR CURRENTS FOR SCREENING (devices for ventilating greenhouses A01G {F24F9/24; air-conditioning systems for greenhouses A01G9/246}; animal husbandry A01K, e.g. controlling humidity in incubators A01K41/04; disinfecting or sterilising of air A61L; devices for reconditioning breathing air in sealed rooms or for ventilating gas-proof shelters A62B; filtering, washing or drying of gases B01D; mixing gases with vapours or liquids in general B01F3/00; spraying B05B, B05D; removing dirt or fumes from areas where they are produced B08B15/00; ventilation, air-conditioning or cooling, specially adapted for vehicles, see the relevant vehicle places, e.g. B60H, B61D27/00, {B64D13/00}; production of ozone C01B13/10; chimneys or flues E04F17/02, E04H12/28, F23J11/00, F23L17/02; air ducts or conduits E0417/04, F16L; ventilation in doors or windows E06B7/02; fans, blowers F04; noise-absorbing in pipes or pipe systems F16L; tops for chimneys and ventilating shafts F23L; cooling F25; details of heat-exchange or heat-transfer apparatus, of general application F28F; apparatus for generating ions to be introduced into non-enclosed gases, e.g. the atmosphere H01T23/00)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F24F13/0209	2	{characterised by their connecting means, e.g. flanges}	

SUBCLASS H01L – SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR (use of semiconductor devices for measuring G01; resistors in general H01C; magnets, inductors {in general} , transformers H01F; capacitors in general H01G; electrolytic devices H01G9/00 ; batteries, accumulators H01M; waveguides, resonators or lines of the waveguide type H01P; line connectors, current collectors H01R; stimulated emission devices H01S; electromechanical resonators H03H; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R; electric light sources in general H05B; printed circuits, hybrid circuits, casings or constructional details of electric apparatus, manufacture of assemblages of electrical components H05K; use of semiconductor devices in circuits having a particular application, see the subclass for the application)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	H01L39/2451	4	{Precursor deposition followed by after-treatment, e.g. oxidation}	

*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).

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- 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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C. New, Modified or Deleted Note(s)

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	A61K47/48876	{Note Its size or diameter being higher or equal to 1 micrometer}	{In this group the following terms are used with the meaning indicated: - microparticle indicates a particle whose size or diameter is higher or equal to 1 micrometre; - nanoparticle indicates a particle whose size or diameter is lower than 1 micrometre}
M	A61K47/48884	{Note Its size or diameter being smaller than 1 micrometer. Classification being also made according to the nature of the antibody with the appropriate A61K 47/48515 subgroup}	{When classifying in this group, classification is also made in group A61K 47/48515 according to the nature of the antibody}

SUBCLASS C40B – COMBINATORIAL CHEMISTRY; LIBRARIES, e.g. CHEMICAL LIBRARIES, IN SILICO LIBRARIES

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	C40B (subclass)		3. {C12N15/1034-C12N15/1093 always take precedence over C40B}

*N = new note, M = modified note, D = deleted note

NOTE: The “Location” column only requires the symbol PRIOR to the location of the note. No further directions such as “before” or “after” are required.