

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 875

DATE: MAY 1, 2020

PROJECT MP0141

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Warnings Deleted:	C01G	53/40
	C04B	35/00
	C04B	35/626
	C04B	37/04
	C07D	455/03
	C07D	463/00
	C09K	5/08
	C09K	5/18
	C10G	3/00
	C10J	3/46
	C11D	1/52
	C11D	1/655
	C11D	1/72
	C11D	17/0008
	C22C	45/10
	C22C	47/025
	C22C	47/062
	C23C	18/12
	C23C	18/1605
	C23C	18/1619
	C23C	18/1803
	C23C	18/1855
	C23C	18/2013
	C25D	3/665
	C25D	5/003
	C25D	7/001
	C25D	7/123
	C25D	11/005
	C25D	17/001
	C30B	7/005
	C30B	23/00
	C30B	23/063
	C30B	23/066
	C30B	25/165
	C30B	25/183
	C30B	29/64
	C30B	29/66
	C30B	35/007
DEFINITIONS:		
Definitions Modified:	C09K	5/00

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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(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

B. New, Modified or Deleted Warning(s)

SUBCLASS C01G - COMPOUNDS CONTAINING METALS NOT COVERED BY SUBCLASSES C01D OR C01F (metal hydrides { monoborane, diborane or addition complexes thereof} C01B6/00; salts of oxyacids of halogens C01B11/00; peroxides, salts or peroxyacids C01B15/00; thiosulfates, dithionites, polythionates C01B17/64; compounds containing selenium, or tellurium C01B19/00; binary compounds of nitrogen with metals C01B21/06; azides C01B21/08; { compounds containing nitrogen, other non-metals and metal C01B21/082}; metal amides C01B21/092; nitrites C01B21/50; { compounds of noble gases C01B23/0005}; phosphides C01B25/08; salts of oxyacids of phosphorus C01B25/16; carbides C01B31/30; compounds containing silicon C01B33/00; compounds containing boron C01B35/00; compounds having molecular sieve properties but not having base-exchange properties C01B37/00; compounds having molecular sieve and base-exchange properties, e.g. crystalline zeolites, C01B39/00; cyanides C01C3/08; salts of cyanamide C01C3/16; thiocyanates C01C3/20)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	C01G53/40	Groups C01G 53/40 to C01G 53/70 are not complete pending a reorganisation, see also C01G 53/006 and C01G 53/00	

SUBCLASS C04B - LIME, MAGNESIA; SLAG; CEMENTS; COMPOSITIONS THEREOF, e.g. MORTARS, CONCRETE OR LIKE BUILDING MATERIALS; ARTIFICIAL STONE ({roofing granules E04D7/005}); CERAMICS ({devitrified glass-ceramics C03C10/00}); REFRACTORIES; TREATMENT OF NATURAL STONE

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	C04B35/00	Attention is drawn to WARNINGS 3 and 4 after subclass title	
D	C04B35/626	Groups C04B 35/62605 to C04B 35/62695 are not complete, see also other subgroups of C04B 35/00, e.g. C04B 35/626	
D	C04B37/04	Groups C04B 37/042, C04B 37/045 and C04B 37/047 are not complete, see also C04B 37/04	

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SUBCLASS C07D - HETEROCYCLIC COMPOUNDS

<u>Type</u> *	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	C07D455/03	Group C07D 455/03 is temporarily incomplete. See provisionally also other CPC subgroups of C07D 455/00	
D	C07D463/00	The IPC subgroups of C07D 463/00, introduced in the CPC scheme in October 2007, might be temporarily incomplete as a number of documents presently classified in CPC subgroups of C07D 463/00 still needs reclassification to these IPC subgroups	

SUBCLASS C09K - MATERIALS FOR MISCELLANEOUS APPLICATIONS, NOT PROVIDED FOR ELSEWHERE

<u>Type</u> *	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C09K5/08	The subgroups of C09K 5/08 might be incomplete as some of the patent documents classified in C09K 5/08 might need reclassification to one or more of groups C09K 5/10 to C09K 5/14	
D	C09K5/18	This group might be incomplete as some of the patent documents classified in C09K 5/16 might need reclassification to C09K 5/18	

SUBCLASS C10G - CRACKING HYDROCARBON OILS; PRODUCTION OF LIQUID HYDROCARBON MIXTURES, e.g. BY DESTRUCTIVE HYDROGENATION, OLIGOMERISATION, POLYMERISATION (cracking to hydrogen or synthesis gas C01B; cracking or pyrolysis of hydrocarbon gases to individual hydrocarbons or mixtures thereof of definite or specific constitution C07C; cracking to cokes C10B); RECOVERY OF HYDROCARBON OILS FROM OIL-SHALE, OIL-SAND, OR GASES; REFINING MIXTURES MAINLY CONSISTING OF HYDROCARBONS; REFORMING OF NAPHTHA; MINERAL WAXES (inhibiting corrosion or incrustation in general C23F)

<u>Type</u> *	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C10G3/00	Groups C10G 3/40-C10G 3/62 are incomplete pending reclassification of documents from group C10G 3/00. Groups C10G 3/40-C10G 3/62 and C10G 3/00 should be considered in order to perform a complete search	

SUBCLASS C10J - PRODUCTION OF PRODUCER GAS, WATER-GAS, SYNTHESIS GAS FROM SOLID CARBONACEOUS MATERIAL, OR MIXTURES CONTAINING THESE GASES (synthesis gas from liquid or gaseous hydrocarbons C01B; underground gasification of minerals E21B43/295); CARBURETTING AIR OR OTHER GASES

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<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C10J3/46	Groups C10J 3/463, C10J 3/466, C10J 3/482, C10J 3/485, C10J 3/503, C10J 3/506, C10J 3/523 and C10J 3/526 are not complete pending a reorganisation. See also C10J 3/46	

SUBCLASS C11D - DETERGENT COMPOSITIONS (preparations specially adapted for washing the hair A61Q5/02, A61K8/00; methods or apparatus for disinfection or sterilisation A61L; special washing compositions for cleaning semi-permeable membranes B01D65/06); USE OF SINGLE SUBSTANCES AS DETERGENTS; SOAP OR SOAP-MAKING; RESIN SOAPS; RECOVERY OF GLYCEROL

<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C11D1/52	Until September 2008, when classification was made, group C11D 3/07 took precedence over group C11D 1/52	
D	C11D1/655	Until September 2008, when classification was made, group C11D 3/066 took precedence over group C11D 1/655	
D	C11D1/72	Until September 2008, when classification was made, group C11D 3/075 took precedence over group C11D 1/72	
D	C11D17/0008	This subgroup is not longer used for the classification of new documents from 01 November 2011	

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

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<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C22C45/10	The subgroups of C22C 47/00 and C22C 49/00 might be incomplete as some of the patent documents classified C22C 47/08, C22C 47/16 and C22C 49/00 might need reclassification to one or more subgroups or to C22C 47/02 and subgroups	
D	C22C47/025	Not complete, see also C22C 47/02	
D	C22C47/062	Groups C22C 47/062, C22C 47/064, C22C 47/066 and C22C 47/068 are not complete, see also C22C 47/02 or C22C 47/06	

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SUBCLASS C23C - COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL; SURFACE TREATMENT OF METALLIC MATERIAL BY DIFFUSION INTO THE SURFACE, BY CHEMICAL CONVERSION OR SUBSTITUTION; COATING BY VACUUM EVAPORATION, BY SPUTTERING, BY ION IMPLANTATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL (making metal-coated products by extrusion B21C23/22; covering with metal by connecting pre-existing layers to articles, see the relevant places, e.g. B21D39/00, B23K; metallising of glass C03C; metallising mortars, concrete, artificial stone, ceramics or natural stone C04B41/00; enamelling of, or applying a vitreous layer to, metals C23D; treating metal surfaces or coating of metals by electrolysis or electrophoresis C25D; single-crystal film growth C30B; by metallising textiles D06M11/83; decorating textiles by locally metallising D06Q1/04)

<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C23C18/12	Groups C23C 18/1204 to C23C 18/1295 are not complete pending a reorganisation. See also this group	
D	C23C18/1605	the groups C23C 18/1605 to C23C 18/1616 are not complete, pending reorganisation. See also C23C 18/1603	
D	C23C18/1619	the groups C23C 18/1619 to C23C 18/1698 are not complete, pending reorganisation. See also C23C 18/1601	
D	C23C18/1803	the groups C23C 18/1803 to C23C 18/1848 are not complete, pending reorganisation. See also C23C 18/18	
D	C23C18/1855	the groups C23C 18/1855 – C23C 18/1896 are not complete, pending reorganisation. See also C23C 18/18	
D	C23C18/2013	the groups C23C 18/2013 – C23C 18/2093 are not complete, pending reorganisation. See also C23C 18/2006	

SUBCLASS C25D - PROCESSES FOR THE ELECTROLYTIC OR ELECTROPHORETIC PRODUCTION OF COATINGS; ELECTROFORMING (decorating textiles by metallising D06Q1/04; manufacturing printed circuits by metal deposition H05K3/18); APPARATUS THEREFOR

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<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C25D3/665	Group C25D 3/665 is not complete, pending reorganization, see also C25D 3/66	
D	C25D5/003	Groups C25D 5/003, C25D 5/006 are not complete, pending reorganization, see also C25D 5/00	
D	C25D7/001	Groups C25D 7/001-C25D 7/008 are not complete, pending reorganization, see also C25D 7/00	
D	C25D7/123	Groups C25D 7/123-C25D 7/126 are not complete, pending reorganization, see also C25D 7/12	
D	C25D11/005	Groups C25B 11/005, C25D 11/022-C25D 11/028, C25D 11/045 are not complete, pending reorganization, see also C25D 11/00	
D	C25D17/001	Groups C25B 17/005-C25D 17/008 are not complete, pending reorganization, see also C25D 17/00	

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SUBCLASS C30B - SINGLE-CRYSTAL-GROWTH (by using ultra-high pressure, e.g. for the formation of diamonds B01J3/06); UNIDIRECTIONAL SOLIDIFICATION OF EUTECTIC MATERIAL OR UNIDIRECTIONAL DEMIXING OF EUTECTOID MATERIAL; REFINING BY ZONE-MELTING OF MATERIAL (zone-refining of metals or alloys C22B); PRODUCTION OF A HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE (casting of metals, casting of other substances by the same processes or devices B22D; working of plastics B29; modifying the physical structure of metals or alloys C21D, C22F); SINGLE CRYSTALS OR HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE; AFTER-TREATMENT OF SINGLE CRYSTALS OR A HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE (for producing semiconductor devices or parts thereof H01L); APPARATUS THEREFOR

<u>Type*</u>	<u>Location</u>	<u>Old warning</u>	<u>New/modified warning</u>
D	C30B7/005	Group C30B 7/005 is not complete, see also C30B 7/00	
D	C30B23/00	Group C30B 23/002 - C30B 23/005 are not complete, see also C30B 23/02	
D	C30B23/063	Group C30B 23/063 is not complete, see also C30B 23/06	
D	C30B23/066	Group C30B 23/066 is not complete, see also C30B 23/06	
D	C30B25/165	Not complete pending reclassification, see also group C30B 25/14	
D	C30B25/183	This group is not complete pending reclassification; see also C30B 25/18 and subgroups	
D	C30B29/64	This group is not complete pending reclassification; see also C30B 29/60 and subgroups	
D	C30B29/66	This group is not complete pending reclassification; see also C30B 29/60 and subgroups	
D	C30B35/007	This group is not complete pending reclassification; see also groups pertaining to the different crystal growth methods, particularly the main groups of subclass C30B	

*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. 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>
C09K5/00	Special rules of classification	<p>Last place rule applies</p> <p>When classifying in C09K 5/042, C09K 5/044 and C09K 5/045 classification of additional information is done by using Indexing Codes:</p> <p>for indexing the chemical nature of the material: C09K 2205/00 - C09K 2205/48</p> <p>The subgroups of C09K 5/08 might be incomplete as some of the patent documents classified in C09K 5/08 might need reclassification to one or more groups C09K 5/10 - C09K 5/14</p> <p>The group C09K 5/18 might be incomplete as some of the patent documents classified in C09K 5/16 might need reclassification to C09K 5/18</p>	<p>Replace existing text with :</p> <p>Last place rule applies</p> <p>When classifying in C09K 5/042, C09K 5/044 and C09K 5/045 classification of additional information is done by using Indexing Codes:</p> <p>for indexing the chemical nature of the material: C09K 2205/00 - C09K 2205/48</p>

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.