

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	C01B	31/00, 31/005, 31/02, 31/0206, 31/0213, 31/022, 31/0226, 31/0233, 31/024, 31/0246, 31/0253, 31/026, 31/0266, 31/0273, 31/028, 31/0286, 31/0293, 31/04, 31/0407, 31/0415, 31/0423, 31/043, 31/0438, 31/0446, 31/0453, 31/0461, 31/0469, 31/0476, 31/0484, 31/0492, 31/06, 31/065, 31/08, 31/081, 31/082, 31/083, 31/084, 31/085, 31/086, 31/087, 31/088, 31/089, 31/10, 31/12, 31/125, 31/14, 31/18, 31/20, 31/22, 31/24, 31/26, 31/262, 31/265, 31/267, 31/28, 31/30, 31/301, 31/303, 31/305, 31/306, 31/308, 31/32, 31/34, 31/36
Symbols newly created:	C01B	32/00, 32/05, 32/10, 32/15, 32/152, 32/154, 32/156, 32/158, 32/159, 32/16, 32/162, 32/164, 32/166, 32/168, 32/17, 32/172, 32/174, 32/176, 32/178, 32/18, 32/182, 32/184, 32/186, 32/188, 32/19, 32/192, 32/194, 32/196, 32/198, 32/20, 32/205, 32/21, 32/215, 32/22, 32/225, 32/23, 32/25, 32/26, 32/28, 32/30, 32/306, 32/312, 32/318, 32/324, 32/33, 32/336, 32/342, 32/348, 32/354, 32/36, 32/366, 32/372, 32/378, 32/382, 32/384, 32/39, 32/40, 32/50, 32/55, 32/60, 32/70, 32/72, 32/75, 32/77, 32/80, 32/90, 32/907, 32/914, 32/921, 32/928, 32/935, 32/942, 32/949, 32/956, 32/963, 32/97, 32/977, 32/984, 32/991
Definitions to be deleted:	C01B	31/005, 31/0415, 31/083, 31/087, 31/088, 31/089, 31/301
Definitions to be transferred (“renumbered”):	C01B	31/00, 31/02, 31/0213, 31/022, 31/0233, 31/024, 31/0253, 31/0266, 31/0286, 31/0293, 31/043, 31/0438, 31/0453, 31/0484, 31/06, 31/08, 31/085, 31/10, 31/12, 31/125, 31/14, 31/18, 31/24, 31/28, 31/30
Scheme Warning Notices to be deleted:	C01B	31/0415, 31/0423
Scheme Warning Notices to be added:	C01B	32/152, 32/154, 32/156, 32/158, 32/159, 32/182, 32/198, 32/20, 32/205, 32/21, 32/25, 32/26, 32/30, 32/312, 32/354, 32/378, 32/956, 32/963, 32/97, 32/991
Scheme Notes to be deleted:	C01B	31/022, 31/04, 31/14, 31/301

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Scheme Notes to be added:	C01B	32/158, 32/20, 32/384

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):

A 61H, B01D, B01J, B03D, B24C, B82Y, C01C, C01D, C01F, C01G, C01P, C04B, C07C, C08K, C09C, C09K, C12F, C22C, C23C, C25B, C30B, D01F, F25D, F25J, G21C, H01F, H01G, H01J, H01L, H01M, H05B

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

1. CLASSIFICATION SCHEME CHANGES
 - A. New or Deleted Groups
 - B. New or Deleted Warning Notices
 - C. New, Modified or Deleted Notes
 - 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)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS C01B31 – CARBON; COMPOUNDS THEREOF (C01B 21/00, C01B 23/00 take precedence; percarbonates C01B 15/10; carbon black C09C 1/48)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	C01B31/00	0		<administrative transfer to C01B32/00>
D	C01B31/005	1		<administrative transfer to C01B32/10>
D	C01B31/02	1		<administrative transfer to C01B32/05>
D	C01B31/0206	2		<administrative transfer to C01B32/15>
D	C01B31/0213	3		<administrative transfer to C01B32/152>
D	C01B31/022	3		<administrative transfer to C01B32/158>
D	C01B31/0226	4		<administrative transfer to C01B32/16>
D	C01B31/0233	5		<administrative transfer to C01B32/162>
D	C01B31/024	5		<administrative transfer to C01B32/164>
D	C01B31/0246	5		<administrative transfer to C01B32/166>
D	C01B31/0253	4		<administrative transfer to C01B32/168>
D	C01B31/026	5		<administrative transfer to C01B32/17>
D	C01B31/0266	5		<administrative transfer to C01B32/172>
D	C01B31/0273	5		<administrative transfer to C01B32/174>
D	C01B31/028	5		<administrative transfer to C01B32/176>
D	C01B31/0286	5		<administrative transfer to C01B32/178>
D	C01B31/0293	3		<administrative transfer to C01B32/18>

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C01B31/04	2		<administrative transfer to C01B32/20>
D	C01B31/0407	3		<administrative transfer to C01B32/215>
D	C01B31/0415	3		<administrative transfer to C01B32/22>
D	C01B31/0423	3		<administrative transfer to C01B32/225>
D	C01B31/043	3		<administrative transfer to C01B32/23>
D	C01B31/0438	3		<administrative transfer to C01B32/182>
D	C01B31/0446	4		<administrative transfer to C01B32/184>
D	C01B31/0453	5		<administrative transfer to C01B32/186>
D	C01B31/0461	5		<administrative transfer to C01B32/188>
D	C01B31/0469	5		<administrative transfer to C01B32/19>
D	C01B31/0476	6		<administrative transfer to C01B32/192>
D	C01B31/0484	4		<administrative transfer to C01B32/194>
D	C01B31/0492	5		<administrative transfer to C01B32/196>
D	C01B31/06	2		<administrative transfer to C01B32/25>
D	C01B31/065	3		<administrative transfer to C01B32/28>
D	C01B31/08	1		<administrative transfer to C01B32/30>
D	C01B31/081	2		<administrative transfer to C01B32/324>
D	C01B31/082	2		<administrative transfer to C01B32/33>
D	C01B31/083	2		<administrative transfer to C01B32/354>
D	C01B31/084	2		<administrative transfer to C01B32/372>
D	C01B31/085	2		<administrative transfer to C01B32/306>
D	C01B31/086	2		<administrative transfer to C01B32/366>

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C01B31/087	2		<administrative transfer to C01B32/36>
D	C01B31/088	2		<administrative transfer to C01B32/39>
D	C01B31/089	2		<administrative transfer to C01B32/382>
D	C01B31/10	2		<administrative transfer to C01B32/336>
D	C01B31/12	2		<administrative transfer to C01B32/342>
D	C01B31/125	3		<administrative transfer to C01B32/348>
D	C01B31/14	2		<administrative transfer to C01B32/384>
D	C01B31/18	1		<administrative transfer to C01B32/40>
D	C01B31/20	1		<administrative transfer to C01B32/50>
D	C01B31/22	2		<administrative transfer to C01B32/55>
D	C01B31/24	1		<administrative transfer to C01B32/60>
D	C01B31/26	1		<administrative transfer to C01B32/70>
D	C01B31/262	2		<administrative transfer to C01B32/72>
D	C01B31/265	3		<administrative transfer to C01B32/75>
D	C01B31/267	2		<administrative transfer to C01B32/77>
D	C01B31/28	1		<administrative transfer to C01B32/80>
D	C01B31/30	1		<administrative transfer to C01B32/90>
D	C01B31/301	2		<administrative transfer to C01B32/907>
D	C01B31/303	2		<administrative transfer to C01B32/914>
D	C01B31/305	2		<administrative transfer to C01B32/921>
D	C01B31/306	2		<administrative transfer to C01B32/928>
D	C01B31/308	2		<administrative transfer to C01B32/935>

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	C01B31/32	2		<administrative transfer to C01B32/942>
D	C01B31/34	2		<administrative transfer to C01B32/949>
D	C01B31/36	2		<administrative transfer to C01B32/956>
N	C01B32/00	0	Carbon; Compounds thereof (C01B 21/00, C01B 23/00 take precedence; percarbonates C01B 15/10; carbon black C09C 1/48)	
N	C01B32/05	1	Preparation or purification of carbon not covered by groups C01B 32/15, C01B 32/20, C01B 32/25, C01B 32/30	
N	C01B32/10	1	Carbon fluorides, e.g. [CF] _n or [C ₂ F] _n (graphite intercalation thereof C01B 32/22)	
N	C01B32/15	1	Nano-sized carbon materials	
Q	C01B32/152	2	Fullerenes	C01B32/152, C01B32/154, C01B32/156
N	C01B32/154	3	Preparation	
N	C01B32/156	3	After-treatment	
Q	C01B32/158	2	Carbon nanotubes	C01B32/158, C01B32/159
N	C01B32/159	3	single-walled	
N	C01B32/16	3	Preparation	
N	C01B32/162	4	characterised by catalysts	
N	C01B32/164	4	involving continuous processes	
N	C01B32/166	4	in liquid phase	
N	C01B32/168	3	After-treatment	
N	C01B32/17	4	Purification	
N	C01B32/172	4	Sorting	
N	C01B32/174	4	Derivatisation; Solubilisation; Dispersion in solvents	
N	C01B32/176	4	Cutting	
N	C01B32/178	4	Opening; Filling	
N	C01B32/18	2	Nanoonions; Nanoscrolls; Nanohorns; Nanocones; Nanowalls	
Q	C01B32/182	2	Graphene	C01B32/182, C01B32/198
N	C01B32/184	3	Preparation	
N	C01B32/186	4	by chemical vapour deposition [CVD]	
N	C01B32/188	4	by epitaxial growth	
N	C01B32/19	4	by exfoliation	
N	C01B32/192	5	starting from graphitic oxides	
N	C01B32/194	3	After-treatment	
N	C01B32/196	4	Purification	
N	C01B32/198	3	Graphene oxide	
Q	C01B32/20	1	Graphite	C01B32/20, C01B32/205, C01B32/21

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C01B32/205	2	Preparation	
N	C01B32/21	2	After-treatment	
N	C01B32/215	3	Purification; Recovery or purification of graphite formed in iron making, e.g. kish graphite	
N	C01B32/22	3	Intercalation	
N	C01B32/225	4	Expansion; Exfoliation	
N	C01B32/23	3	Oxidation	
Q	C01B32/25	1	Diamond	C01B32/25, C01B32/26
N	C01B32/26	2	Preparation (by using ultra-high pressure B01J 3/06; by crystal growth C30B 29/04)	
N	C01B32/28	2	After-treatment, e.g. purification, irradiation, separation or recovery	
Q	C01B32/30	1	Active carbon	C01B32/30, C01B32/312, C01B32/318
N	C01B32/306	2	with molecular sieve properties	
N	C01B32/312	2	Preparation	
N	C01B32/318	3	characterised by the starting materials	
N	C01B32/324	4	from waste materials, e.g. tyres or spent sulfite pulp liquor	
N	C01B32/33	4	from distillation residues of coal or petroleum; from petroleum acid sludge	
N	C01B32/336	3	characterised by gaseous activating agents	
N	C01B32/342	3	characterised by non-gaseous activating agents	
N	C01B32/348	4	Metallic compounds	
Q	C01B32/354	2	After-treatment	C01B32/354, C01B32/378
N	C01B32/36	3	Reactivation or regeneration	
N	C01B32/366	4	by physical processes, e.g. by irradiation, by using electric current passing through carbonaceous feedstock or by using recyclable inert heating bodies	
N	C01B32/372	3	Coating; Grafting; Microencapsulation	
N	C01B32/378	3	Purification	
N	C01B32/382	3	{Making shaped products, e.g. fibres, spheres, membranes or foam}	
N	C01B32/384	3	Granulation	
N	C01B32/39	2	Apparatus for the preparation thereof	
N	C01B32/40	1	Carbon monoxide	
N	C01B32/50	1	Carbon dioxide	
N	C01B32/55	2	Solidifying	
N	C01B32/60	1	Preparation of carbonates or bicarbonates in general (of percarbonates C01B 15/10; of specific carbonates or bicarbonates according to the cation C01B-C01G)	

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C01B32/70	1	Compounds containing carbon and sulfur, e.g. thiophosgene	
N	C01B32/72	2	Carbon disulfide	
N	C01B32/75	3	Preparation by reacting sulfur or sulfur compounds with hydrocarbons	
N	C01B32/77	2	Carbon oxysulfide	
N	C01B32/80	1	Phosgene	
N	C01B32/90	1	Carbides	
N	C01B32/907	2	Oxycarbides; Sulfocarbides; Mixture of carbides	
N	C01B32/914	2	Carbides of single elements	
N	C01B32/921	3	Titaniumcarbide	
N	C01B32/928	3	Carbides of actinides	
N	C01B32/935	3	Carbides of alkali metals, strontium, barium or magnesium	
N	C01B32/942	3	Calcium carbide	
N	C01B32/949	3	Tungsten or molybdenum carbides	
Q	C01B32/956	3	Silicon carbide	C01B32/956, C01B32/963, C01B32/97, C01B32/977, C01B32/984, C01B32/991
N	C01B32/963	4	Preparation from compounds containing silicon	
N	C01B32/97	4	Preparation from SiO or SiO ₂	
N	C01B32/977	5	Preparation from organic compounds containing silicon	
N	C01B32/984	5	Preparation from elemental silicon	
N	C01B32/991	3	Boron carbide	

*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).
- 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.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

- 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”.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

B. New, Modified or Deleted Warning notice(s)

SUBCLASS C01B31 – CARBON; COMPOUNDS THEREOF (C01B 21/00, C01B 23/00 take precedence; percarbonates C01B 15/10; carbon black C09C 1/48)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	C01B32/152		Group C01B32/152 is impacted by reclassification into groups C01B32/154 and C01B32/156. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/154		Group C01B32/154 is incomplete pending reclassification of documents from group C01B32/152. Groups C01B32/152 and C01B32/154 should be considered in order to perform a complete search.
N	C01B32/156		Group C01B32/156 is incomplete pending reclassification of documents from group C01B32/152. Groups C01B32/152 and C01B32/156 should be considered in order to perform a complete search.
N	C01B32/158		Group C01B32/158 is impacted by reclassification into group C01B32/159. Groups C01B32/158 and C01B32/159 should be considered in order to perform a complete search.
N	C01B32/159		Group C01B32/159 is incomplete pending reclassification of documents from group C01B32/158. Groups C01B32/158 and C01B32/159 should be considered in order to perform a complete search.
N	C01B32/182		Group C01B32/182 is impacted by reclassification into group C01B32/198. Groups C01B32/182 and C01B32/198 should be considered in order to perform a complete search.
N	C01B32/198		Group C01B32/198 is incomplete pending reclassification of documents from group C01B32/182. Groups C01B32/182 and C01B32/198 should be considered in order to perform a complete search.
N	C01B32/20		Group C01B32/20 is impacted by reclassification into groups C01B32/205 and C01B32/21. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/205		Group C01B32/205 is incomplete pending reclassification of documents from group C01B32/20. Groups C01B32/20 and

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	Location	Old Warning notice	New/Modified Warning notice
			C01B32/205 should be considered in order to perform a complete search.
N	C01B32/21		Group C01B32/21 is incomplete pending reclassification of documents from group C01B32/20. Groups C01B32/20 and C01B32/21 should be considered in order to perform a complete search.
N	C01B32/25		Group C01B32/25 is impacted by reclassification into group C01B32/26. Groups C01B32/25 and C01B32/26 should be considered in order to perform a complete search.
N	C01B32/26		Group C01B32/26 is incomplete pending reclassification of documents from group C01B32/25. Groups C01B32/25 and C01B32/26 should be considered in order to perform a complete search.
N	C01B32/30		Group C01B32/30 is impacted by reclassification into groups C01B32/312 and C01B32/318. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/312		Groups C01B32/312 and C01B32/318 are incomplete pending reclassification of documents from group C01B32/30. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/354		Group C01B32/354 is impacted by reclassification into group C01B32/378. Groups C01B32/354 and C01B32/378 should be considered in order to perform a complete search.
N	C01B32/378		Group C01B32/378 is incomplete pending reclassification of documents from group C01B32/354. Groups C01B32/354 and C01B32/378 should be considered in order to perform a complete search.
N	C01B32/956		Group C01B32/956 is impacted by reclassification into groups C01B32/963 - C01B32/991. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/963		Group C01B32/963 is incomplete pending reclassification of documents from group C01B32/956. Groups C01B32/956 and C01B32/963 should be considered in order to perform a complete search.
N	C01B32/97		Groups C01B32/97, C01B32/977 and C01B32/984 are incomplete pending

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
			reclassification of documents from group C01B32/956. All groups listed in this Warning should be considered in order to perform a complete search.
N	C01B32/991		Group C01B32/991 is incomplete pending reclassification of documents from group C01B32/956. Groups C01B32/956 and C01B32/991 should be considered in order to perform a complete search.
D	C01B31/0415	Group C01B 31/0415 is not complete pending a reclassification. See also group C01B 31/005.	Delete
D	C01B31/0423	Groups C01B 31/043 - C01B 31/0492 are not complete pending a reclassification. See also group C01B 31/04.	Delete

*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.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

C. New, Modified or Deleted Notes

SUBCLASS C01B31 – CARBON; COMPOUNDS THEREOF (C01B 21/00, C01B 23/00 take precedence; percarbonates C01B 15/10; carbon black C09C 1/48)

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New Note</u>
D	C01B31/022	In groups C01B 31/022 - C01B 31/0293 it is desirable to add indexing codes for structural aspects or properties of carbon nanotubes. The indexing codes are chosen from C01B 2202/00 - C01B 2202/36	
D	C01B31/04	In groups C01B 31/04 - C01B 31/0492 it is desirable to add indexing codes for structural aspects or properties of graphene. The indexing codes are chosen from C01B 2204/00 - C01B 2204/32	
D	C01B31/14	In this group, the term granulation covers the methods of preparation of active carbon using carbonaceous precursors per se and binders, e.g. pitch, and producing the granules	
D	C01B31/301	Mixtures of carbides, other than those covered by group C01B 31/308, and belonging to more than one of the groups C01B 31/303 - C01B 31/36 are classified in C01B 31/301	
N	C01B32/158		{In groups C01B 32/158 - C01B 32/18, it is desirable to add indexing codes of C01B 2202/00 - C01B 2202/36 for structural aspects or properties of carbon nanotubes.}
N	C01B32/20		{In groups C01B 32/20 - C01B 32/196, it is desirable to add indexing codes of C01B 2204/00 - C01B 2204/32 for structural aspects or properties of graphene.}
N	C01B32/384		In this group, the term “granulation” also <u>covers</u> methods of preparation of active carbon using carbonaceous precursors <u>per se</u> and binders, e.g. pitch.

*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.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change (e.g., section title)</u>	<u>Existing reference symbol or text</u>	<u>Action; New text</u>
C01B31/00	Entire definition		Transfer definition to C01B32/00
C01B31/005	Entire definition		Delete entire definition
C01B31/02	Definition statement	C01B31/0206- C01B31/14	Replace with: C01B32/15, C01B32/20, C01B32/25 and C01B32/30
C01B31/02	Entire definition		Transfer definition to C01B32/05
C01B31/0213	Synonyms and keywords	Fullerene Buckyball	Replace with the following preamble and text: In patent documents, the word/expression in the first column is often used instead of the word/expression in the second column, which is used in the classification scheme of this place Fullerene Buckyball
C01B31/0213	Entire definition		Transfer definition to C01B32/152
C01B31/022	Special rules of classification	C01B31/022- C01B31/0293	Replace with: C01B32/158-C01B32/178
C01B31/022	Special rules of classification	C01B31/022	Replace with: C01B32/158
C01B31/022	Special rules of classification	C01B31/022- C01B31/0286	Replace with: C01B32/158-C01B32/178
C01B31/022	Special rules of classification	C01B31/00	Replace with: C01B32/00
C01B31/022	Synonyms and keywords	Nanotubes Buckytubes	Replace with the following preamble and text: In patent documents, the word/expression in the first column is often used instead of the word/expression in the second column, which is used in the classification scheme of this place Nanotubes Buckytubes
C01B31/022	Entire definition		Transfer definition to C01B32/158
C01B31/0233	Entire definition		Transfer definition to C01B32/162
C01B31/024	Limiting references	C01B31/0226, C01B31/0233 or C01B31/0246	Replace with: C01B32/16, C01B32/162 or C01B32/166
C01B31/024	Entire definition		Transfer definition to C01B32/164
C01B31/0253	Definition statement	C01B31/0253- C01B31/0286	Replace with: C01B32/17-C01B32/178
C01B31/0253	Entire definition		Transfer definition to C01B32/168
C01B31/0266	Entire definition		Transfer definition to C01B32/172
C01B31/0286	Entire definition		Transfer definition to C01B32/178
C01B31/0293	Entire definition		Transfer definition to C01B32/18
C01B31/0415	Entire definition		Delete entire definition
C01B31/043	Entire definition		Transfer definition to C01B32/23
C01B31/0438	Limiting references		Delete

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

C01B31/0438	Informative references		Delete
C01B31/0438	Special rules of classification	C01B31/0438- C01B31/0492	Replace with: C01B32/182-C01B32/196
C01B31/0438	Entire definition		Transfer definition to C01B32/182
C01B31/0453	Entire definition		Transfer definition to C01B32/186
C01B31/0484	Entire definition		Transfer definition to C01B32/194
C01B31/06	Entire definition		Transfer definition to C01B32/25
C01B31/08	Entire definition		Transfer definition to C01B32/30
C01B31/083	Entire definition		Delete the entire definition
C01B31/085	Entire definition		Transfer definition to C01B32/306
C01B31/087	Entire definition		Delete the entire definition
C01B31/088	Entire definition		Delete the entire definition
C01B31/089	Entire definition		Delete the entire definition
C01B31/10	Special rules of classification		Delete
C01B31/10	Entire definition		Transfer definition to C01B32/336
C01B31/12	Special rules of classification		Delete
C01B31/12	Entire definition		Transfer definition to C01B32/342
C01B31/125	Entire definition		Transfer definition to C01B32/348
C01B31/14	Entire definition		Transfer definition to C01B32/384
C01B31/18	Definition statement		Delete
C01B31/18	Informative references		Insert a new Informative references section, and insert the following description and symbol: Metal carbonyls C01G
C01B31/18	Entire definition		Transfer definition to C01B32/40
C01B31/24	Entire definition		Transfer definition to C01B32/60
C01B31/28	Limiting references		Delete
C01B31/28	Informative references		Insert a new Informative references section, and insert the following description and symbol: Carbonyl difluoride C01B32/00
C01B31/28	Entire definition		Transfer definition to C01B32/80
C01B31/30	Entire definition		Transfer definition to C01B32/90
C01B31/301	Entire definition		Delete

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.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	C01B31/00	<administrative transfer to C01B32/00>
D	C01B31/005	<administrative transfer to C01B32/10>
D	C01B31/02	<administrative transfer to C01B32/05>
D	C01B31/0206	<administrative transfer to C01B32/15>
D	C01B31/0213	<administrative transfer to C01B32/152>
D	C01B31/022	<administrative transfer to C01B32/158>
D	C01B31/0226	<administrative transfer to C01B32/16>
D	C01B31/0233	<administrative transfer to C01B32/162>
D	C01B31/024	<administrative transfer to C01B32/164>
D	C01B31/0246	<administrative transfer to C01B32/166>
D	C01B31/0253	<administrative transfer to C01B32/168>
D	C01B31/026	<administrative transfer to C01B32/17>
D	C01B31/0266	<administrative transfer to C01B32/172>
D	C01B31/0273	<administrative transfer to C01B32/174>
D	C01B31/028	<administrative transfer to C01B32/176>
D	C01B31/0286	<administrative transfer to C01B32/178>
D	C01B31/0293	<administrative transfer to C01B32/18>
D	C01B31/04	<administrative transfer to C01B32/20>
D	C01B31/0407	<administrative transfer to C01B32/215>
D	C01B31/0415	<administrative transfer to C01B32/22>
D	C01B31/0423	<administrative transfer to C01B32/225>
D	C01B31/043	<administrative transfer to C01B32/23>
D	C01B31/0438	<administrative transfer to C01B32/182>
D	C01B31/0446	<administrative transfer to C01B32/184>
D	C01B31/0453	<administrative transfer to C01B32/186>
D	C01B31/0461	<administrative transfer to C01B32/188>
D	C01B31/0469	<administrative transfer to C01B32/19>
D	C01B31/0476	<administrative transfer to C01B32/192>
D	C01B31/0484	<administrative transfer to C01B32/194>
D	C01B31/0492	<administrative transfer to C01B32/196>
D	C01B31/06	<administrative transfer to C01B32/25>
D	C01B31/065	<administrative transfer to C01B32/28>
D	C01B31/08	<administrative transfer to C01B32/30>
D	C01B31/081	<administrative transfer to C01B32/324>
D	C01B31/082	<administrative transfer to C01B32/33>
D	C01B31/083	<administrative transfer to C01B32/354>
D	C01B31/084	<administrative transfer to C01B32/372>
D	C01B31/085	<administrative transfer to C01B32/306>
D	C01B31/086	<administrative transfer to C01B32/366>
D	C01B31/087	<administrative transfer to C01B32/36>
D	C01B31/088	<administrative transfer to C01B32/39>
D	C01B31/089	<administrative transfer to C01B32/382>
D	C01B31/10	<administrative transfer to C01B32/336>
D	C01B31/12	<administrative transfer to C01B32/342>
D	C01B31/125	<administrative transfer to C01B32/348>

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	C01B31/14	<administrative transfer to C01B32/384>
D	C01B31/18	<administrative transfer to C01B32/40>
D	C01B31/20	<administrative transfer to C01B32/50>
D	C01B31/22	<administrative transfer to C01B32/55>
D	C01B31/24	<administrative transfer to C01B32/60>
D	C01B31/26	<administrative transfer to C01B32/70>
D	C01B31/262	<administrative transfer to C01B32/72>
D	C01B31/265	<administrative transfer to C01B32/75>
D	C01B31/267	<administrative transfer to C01B32/77>
D	C01B31/28	<administrative transfer to C01B32/80>
D	C01B31/30	<administrative transfer to C01B32/90>
D	C01B31/301	<administrative transfer to C01B32/907>
D	C01B31/303	<administrative transfer to C01B32/914>
D	C01B31/305	<administrative transfer to C01B32/921>
D	C01B31/306	<administrative transfer to C01B32/928>
D	C01B31/308	<administrative transfer to C01B32/935>
D	C01B31/32	<administrative transfer to C01B32/942>
D	C01B31/34	<administrative transfer to C01B32/949>
D	C01B31/36	<administrative transfer to C01B32/956>
Q	C01B32/152	C01B32/152, C01B32/154, C01B32/156
Q	C01B32/158	C01B32/158, C01B32/159
Q	C01B32/182	C01B32/182, C01B32/198
Q	C01B32/20	C01B32/20, C01B32/205, C01B32/21
Q	C01B32/25	C01B32/25, C01B32/26
Q	C01B32/30	C01B32/30, C01B32/312, C01B32/318
Q	C01B32/354	C01B32/354, C01B32/378
Q	C01B32/956	C01B32/956, C01B32/963, C01B32/97, C01B32/977, C01B32/984, C01B32/991

* 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.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “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”.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C01B31/00		DELETE
C01B31/005		DELETE
C01B31/02		DELETE
C01B31/0206		DELETE
C01B31/0213		DELETE
C01B31/022		DELETE
C01B31/0226		DELETE
C01B31/0233		DELETE
C01B31/024		DELETE
C01B31/0246		DELETE
C01B31/0253		DELETE
C01B31/026		DELETE
C01B31/0266		DELETE
C01B31/0273		DELETE
C01B31/028		DELETE
C01B31/0286		DELETE
C01B31/0293		DELETE
C01B31/04		DELETE
C01B31/0407		DELETE
C01B31/0415		DELETE
C01B31/0423		DELETE
C01B31/043		DELETE
C01B31/0438		DELETE
C01B31/0446		DELETE
C01B31/0453		DELETE
C01B31/0461		DELETE
C01B31/0469		DELETE
C01B31/0476		DELETE
C01B31/0484		DELETE
C01B31/0492		DELETE
C01B31/06		DELETE
C01B31/065		DELETE
C01B31/08		DELETE
C01B31/081		DELETE
C01B31/082		DELETE
C01B31/083		DELETE
C01B31/084		DELETE
C01B31/085		DELETE
C01B31/086		DELETE
C01B31/087		DELETE
C01B31/088		DELETE
C01B31/089		DELETE
C01B31/10		DELETE

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C01B31/12		DELETE
C01B31/125		DELETE
C01B31/14		DELETE
C01B31/18		DELETE
C01B31/20		DELETE
C01B31/22		DELETE
C01B31/24		DELETE
C01B31/26		DELETE
C01B31/262		DELETE
C01B31/265		DELETE
C01B31/267		DELETE
C01B31/28		DELETE
C01B31/30		DELETE
C01B31/301		DELETE
C01B31/303		DELETE
C01B31/305		DELETE
C01B31/306		DELETE
C01B31/308		DELETE
C01B31/32		DELETE
C01B31/34		DELETE
C01B31/36		DELETE
C01B32/00	C01B32/00	NEW
C01B32/05	C01B32/05	NEW
C01B32/10	C01B32/10	NEW
C01B32/15	C01B32/15	NEW
C01B32/152	C01B32/152	NEW
C01B32/154	C01B32/154	NEW
C01B32/156	C01B32/156	NEW
C01B32/158	C01B32/158	NEW
C01B32/159	C01B32/159	NEW
C01B32/16	C01B32/16	NEW
C01B32/162	C01B32/162	NEW
C01B32/164	C01B32/164	NEW
C01B32/166	C01B32/166	NEW
C01B32/168	C01B32/168	NEW
C01B32/17	C01B32/17	NEW
C01B32/172	C01B32/172	NEW
C01B32/174	C01B32/174	NEW
C01B32/176	C01B32/176	NEW
C01B32/178	C01B32/178	NEW
C01B32/18	C01B32/18	NEW
C01B32/182	C01B32/182	NEW
C01B32/184	C01B32/184	NEW
C01B32/186	C01B32/186	NEW
C01B32/188	C01B32/188	NEW

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C01B32/19	C01B32/19	NEW
C01B32/192	C01B32/192	NEW
C01B32/194	C01B32/194	NEW
C01B32/196	C01B32/196	NEW
C01B32/198	C01B32/198	NEW
C01B32/20	C01B32/20	NEW
C01B32/205	C01B32/205	NEW
C01B32/21	C01B32/21	NEW
C01B32/215	C01B32/215	NEW
C01B32/22	C01B32/22	NEW
C01B32/225	C01B32/225	NEW
C01B32/23	C01B32/23	NEW
C01B32/25	C01B32/25	NEW
C01B32/26	C01B32/26	NEW
C01B32/28	C01B32/28	NEW
C01B32/30	C01B32/30	NEW
C01B32/306	C01B32/306	NEW
C01B32/312	C01B32/312	NEW
C01B32/318	C01B32/318	NEW
C01B32/324	C01B32/324	NEW
C01B32/33	C01B32/33	NEW
C01B32/336	C01B32/336	NEW
C01B32/342	C01B32/342	NEW
C01B32/348	C01B32/348	NEW
C01B32/354	C01B32/354	NEW
C01B32/36	C01B32/36	NEW
C01B32/366	C01B32/366	NEW
C01B32/372	C01B32/372	NEW
C01B32/378	C01B32/378	NEW
C01B32/382	CPCONLY	NEW
C01B32/384	C01B32/384	NEW
C01B32/39	C01B32/39	NEW
C01B32/40	C01B32/40	NEW
C01B32/50	C01B32/50	NEW
C01B32/55	C01B32/55	NEW
C01B32/60	C01B32/60	NEW
C01B32/70	C01B32/70	NEW
C01B32/72	C01B32/72	NEW
C01B32/75	C01B32/75	NEW
C01B32/77	C01B32/77	NEW
C01B32/80	C01B32/80	NEW
C01B32/90	C01B32/90	NEW
C01B32/907	C01B32/907	NEW
C01B32/914	C01B32/914	NEW
C01B32/921	C01B32/921	NEW

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C01B32/928	C01B32/928	NEW
C01B32/935	C01B32/935	NEW
C01B32/942	C01B32/942	NEW
C01B32/949	C01B32/949	NEW
C01B32/956	C01B32/956	NEW
C01B32/963	C01B32/963	NEW
C01B32/97	C01B32/97	NEW
C01B32/977	C01B32/977	NEW
C01B32/984	C01B32/984	NEW
C01B32/991	C01B32/991	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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
B82Y (Note)	C01B31/02	C01B32/05
F25J3/0266	C01B31/00	C01B32/00
F25J3/067	C01B31/00	C01B32/00
G21C5/126	C01B31/00	C01B32/00
B01J20/205	C01B31/0206	C01B32/15
B01J21/185	C01B31/0206	C01B32/15
C04B35/62272	C01B31/0206	C01B32/15
D01F9/12	C01B31/0206	C01B32/15
H01F1/0045	C01B31/0206	C01B32/15
H01L29/413	C01B31/0206	C01B32/15
H01L51/0045	C01B31/0206	C01B32/15
C09C1/46	C01B31/04	C01B32/205
C09K3/1409	C01B31/06	C01B32/25
B01J20/20	C01B31/08	C01B32/30
F25J3/0223	C01B31/18	C01B32/40
F25J3/0261	C01B31/18	C01B32/40
F25J3/0271	C01B31/18	C01B32/40
F25J3/0625	C01B31/18	C01B32/40
F25J3/0665	C01B31/18	C01B32/40
F25J3/0675	C01B31/18	C01B32/40
F25J1/00	C01B31/22	C01B32/55
C01D	C01B31/30	C01B32/90
C01F	C01B31/30	C01B32/90
C01G	C01B31/30	C01B32/90
C01B 33/00	C01B31/36	C01B32/956
C01B35/00	C01B31/36	C01B32/956

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>
C07C	C01B31/00	Limiting references	C01B32/00
B01J	C01B31/00	Informative references	C01B32/00

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<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>
C04B35/52	C01B31/00	Informative references	C01B32/00
C04B35/536	C01B31/005	Informative references	C01B32/10
C04B2235/422	C01B31/00	Informative references	C01B32/00
C04B2235/425	C01B31/005	Informative references	C01B32/10
C09C1/44	C01B31/00	Informative references	C01B32/00
C22C26/00	C01B31/00	Informative references	C01B32/00
C23C14/00	C01B31/00	Informative references	C01B32/00
C23C16/00	C01B31/00	Informative references	C01B32/00
C25B	C01B31/00	Informative references	C01B32/00
H01J1/00	C01B31/00	Informative references	C01B32/00
H01J1/00	C01B31/00	Special rules	C01B32/00
H01J9/00	C01B31/00	Informative references	C01B32/00
H01J29/00	C01B31/00	Informative references	C01B32/00
H01L51/0032	C01B31/00	Informative references	C01B32/00
H01M4/00	C01B31/00	Informative references	C01B32/00
C04B35/62272	C01B31/0206	Limiting references	C01B32/15
C04B2235/524	C01B31/0206	Limiting references	C01B32/15
C04B2235/5248	C01B31/0206	Limiting references	C01B32/15
C07C2604/00	C01B31/0206	Limiting references	C01B32/15
H01L21/02365	C01B31/0206	Limiting references	C01B32/15
B82Y	C01B31/0206	Informative references	C01B32/15
C08K7/00	C01B31/0206	Informative references	C01B32/15
H01L23/53276	C01B31/0206	Informative references	C01B32/15
H01L51/0045	C01B31/0206	Informative references	C01B32/15

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<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>
H05B1/00	C01B31/0206	Informative references	C01B32/15
H05B3/00	C01B31/0206	Informative references	C01B32/15
H05B11/00	C01B31/0206	Informative references	C01B32/15
D01F	C01B31/0206	Informative references	C01B32/15
D01F9/00	C01B31/0206	Relationship	C01B32/15
C30B29/02	C01B31/0213	Limiting references	C01B32/152
C22C26/00	C01B31/0213	Informative references	C01B32/152
C30B29/602	C01B31/022	Limiting references	C01B32/158
C04B2235/5288	C01B31/022	Informative references	C01B32/158
C22C26/00	C01B31/022	Informative references	C01B32/158
H01J1/00	C01B31/022	Informative references	C01B32/158
H01J1/00	C01B31/022	Special rules	C01B32/158
H01J9/00	C01B31/022	Informative references	C01B32/158
H01J9/00	C01B31/022	Special rules	C01B32/158
H01J29/00	C01B31/022	Informative references	C01B32/158
B03D3/00	C01B31/026	Informative references	C01B32/17
C09C1/46	C01B31/04	Limiting references	C01B32/20
C04B35/522	C01B31/04	Informative references	C01B32/20
C04B2235/425	C01B31/04	Informative references	C01B32/20
C04B35/536	C01B31/0415	Informative references	C01B32/22
C04B2235/425	C01B31/0415	Informative references	C01B32/22
C04B35/536	C01B31/0423	Informative references	C01B32/225
C30B29/02	C01B31/0438	Limiting references	C01B32/182
C22C26/00	C01B31/0438	Informative references	C01B32/182
C04B2235/427	C01B31/06	Informative references	C01B32/25

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<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>
C09K3/1409	C01B31/06	Informative references	C01B32/25
H01G	C01B31/08	Informative references	C01B32/30
C04B33/132	C01B31/081	Informative references	C01B32/324
C04B35/62204	C01B31/081	Informative references	C01B32/324
C04B35/62802	C01B31/084	Informative references	C01B32/372
C04B35/532	C01B31/14	Informative references	C01B32/384
C04B35/62695	C01B31/14	Informative references	C01B32/384
C04B2235/422	C01B31/14	Informative references	C01B32/384
F25J3/00	C01B31/18	Limiting references	C01B32/40
A 61H2033/145	C01B31/20	Limiting references	C01B32/50
F25J3/00	C01B31/20	Limiting references	C01B32/50
C12F3/02	C01B31/20	Informative references	C01B32/50
B01D53/002	C01B31/22	Limiting references	C01B32/55
F25J1/00	C01B31/22	Limiting references	C01B32/55
B01D53/62	C01B31/22	Informative references	C01B32/55
B24C1/003	C01B31/22	Informative references	C01B32/55
F25D3/12	C01B31/22	Informative references	C01B32/55
C01F	C01B31/24	Limiting references	C01B32/60
C01F1/00	C01B31/24	Application-oriented references	C01B32/60
C04B2235/442	C01B31/24	Informative references	C01B32/60
C07C329/00	C01B31/26	Limiting references	C01B32/70
C07C331/00	C01B31/26	Limiting references	C01B32/70
C07C333/00	C01B31/26	Limiting references	C01B32/70

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

<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>
C07C	C01B31/28	Limiting references	C01B32/80
C01C	C01B31/30	Limiting references	C01B32/90
C01D	C01B31/30	Limiting references	C01B32/90
C01F	C01B31/30	Limiting references	C01B32/90
C01G	C01B31/30	Limiting references	C01B32/90
C07C	C01B31/30	Limiting references	C01B32/90
C04B35/56	C01B31/30	Informative references	C01B32/90
C04B2235/3817	C01B31/30	Informative references	C01B32/90
C01P	C01B31/30 – C01B31/36	Definition statement	C01B32/90 - C01B32/956
C04B35/5603	C01B31/301	Informative references	C01B32/907
C04B2235/3895	C01B31/301	Informative references	C01B32/907
C04B35/5611	C01B31/305	Informative references	C01B32/921
C04B2235/3843	C01B31/305	Informative references	C01B32/921
C04B35/5158	C01B31/306	Informative references	C01B32/928
C04B35/5607	C01B31/34	Informative references	C01B32/949
C04B35/5626	C01B31/34	Informative references	C01B32/949
C04B2235/3839	C01B31/34	Informative references	C01B32/949
C04B2235/3847	C01B31/34	Informative references	C01B32/949
C01B33/00	C01B31/36	Limiting references	C01B32/956
C01B33/00	C01B31/36	Special rules	C01B32/956
C04B35/563	C01B31/36	Informative references	C01B32/956
C04B35/565	C01B31/36	Informative references	C01B32/956
C04B2235/3821	C01B31/36	Informative references	C01B32/956
C04B2235/3826	C01B31/36	Informative references	C01B32/956

CPC NOTICE OF CHANGES 361

DATE: AUGUST 1, 2017

PROJECT RP0401

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.