

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 789

DATE: JANUARY 1, 2020

PROJECT RP0635

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	A61K	6/0002, 6/0005, 6/0008, 6/0011, 6/0014, 6/0017, 6/002, 6/0023, 6/0026, 6/0029, 6/0032, 6/0035, 6/0038, 6/0041, 6/0044, 6/0047, 6/005, 6/0052, 6/0055, 6/0058, 6/0061, 6/0064, 6/0067, 6/007, 6/0073, 6/0076, 6/0079, 6/0082, 6/0085, 6/0088, 6/0091, 6/0094, 6/0097, 6/02, 6/0205, 6/021, 6/0215, 6/022, 6/0225, 6/023, 6/0235, 6/024, 6/0245, 6/025, 6/0255, 6/026, 6/0265, 6/027, 6/0273, 6/0276, 6/033, 6/04, 6/043, 6/046, 6/05, 6/06, 6/0606, 6/0612, 6/0618, 6/0625, 6/0631, 6/0637, 6/0643, 6/065, 6/0656, 6/0662, 6/0668, 6/0675, 6/0681, 6/0687, 6/0693, 6/08, 6/083, 6/0835, 6/087, 6/09, 6/093, 6/097, 6/10
Symbols New:	A61K	6/15, 6/16, 6/17, 6/18, 6/19, 6/20, 6/25, 6/30, 6/35, 6/40, 6/50, 6/52, 6/54, 6/56, 6/58, 6/60, 6/61, 6/62, 6/64, 6/65, 6/66, 6/68, 6/69, 6/70, 6/71, 6/72, 6/73, 6/74, 6/75, 6/76, 6/77, 6/78, 6/79, 6/80, 6/802, 6/804, 6/807, 6/809, 6/811, 6/813, 6/816, 6/818, 6/82, 6/822, 6/824, 6/827, 6/829, 6/831, 6/833, 6/836, 6/838, 6/84, 6/842, 6/844, 6/847, 6/849, 6/851, 6/853, 6/856, 6/858, 6/86, 6/862, 6/864, 6/867, 6/869, 6/871, 6/873, 6/876, 6/878, 6/88, 6/882, 6/884, 6/887, 6/889, 6/891, 6/893, 6/896, 6/898, 6/90
Titles Changed:	A61K	6/00
Notes Modified:	A61K	6/00
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	A61K	6/0002, 6/0023, 6/0029, 6/0032, 6/0047, 6/007, 6/02, 6/10
Definitions New:	A61K	6/15, 6/20, 6/25, 6/30, 6/40, 6/50, 6/60, 6/70, 6/80, 6/90
Definitions Modified:	A61K	6/00

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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): A61C13/083, A61C13/087, A61L27/00, A61C5/50, A61C13/083, A61L15/00, A61L24/00, A61L27/00, B22F, C04B28/00, C04B28/14, C04B28/28, C04B28/32, C08B, C25D9/00

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

A. New, Modified or Deleted Group(s)

A61K-PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J 3/00; 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; soap compositions C11D)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	A61K6/00	0	Preparations for dentistry	
D	A61K6/0002	1	{Compositions characterised by physical properties}	<administrative transfer to A61K 6/15>
D	A61K6/0005	2	{by refractive index}	<administrative transfer to A61K 6/16>
D	A61K6/0008	2	{by particle size}	<administrative transfer to A61K 6/17>
D	A61K6/0011	2	{by retraction, e.g. compositions for widening the sulcus for making dental impressions or removing teeth}	<administrative transfer to A61K 6/18>
D	A61K6/0014	2	{Self-expanding, e.g. for filling teeth}	<administrative transfer to A61K 6/19>
D	A61K6/0017	2	{Protective coating for natural or artificial teeth, such as sealing, dye coating, varnish}	<administrative transfer to A61K 6/20>
D	A61K6/002	2	{Compositions for detecting or measuring, e.g. contact points, irregularities on natural or artificial teeth}	<administrative transfer to A61K 6/25>
D	A61K6/0023	1	{Chemical means for temporarily or permanently fixing teeth, palates or the like}	<administrative transfer to A61K 6/30>
D	A61K6/0026	2	{Preparations for stabilising dentures in the mouth}	<administrative transfer to A61K 6/35>
D	A61K6/0029	1	{Primers (adhesive primers A61K6/0023)}	<administrative transfer to A61K 6/40>
D	A61K6/0032	1	{Use of preparations for dental root treatment}	<administrative transfer to A61K 6/50>
D	A61K6/0035	2	{Cleaning; Disinfecting}	<administrative transfer to A61K 6/52>
D	A61K6/0038	2	{Filling; Sealing}	<administrative transfer to A61K 6/54>
D	A61K6/0041	2	{Apical treatment}	<administrative transfer to A61K 6/56>
D	A61K6/0044	2	{in combination with dental implants}	<administrative transfer to A61K 6/58>
D	A61K6/0047	1	{Preparations for dentistry characterised by the presence of organic or organo-metallic additives}	<administrative transfer to A61K 6/60>

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D	A61K6/005	2	{Cationic, anionic or redox initiators }	<administrative transfer to A61K 6/61>
D	A61K6/0052	2	{Photochemical radical initiators }	<administrative transfer to A61K 6/62>
D	A61K6/0055	2	{Thermal radical initiators }	<administrative transfer to A61K 6/64>
D	A61K6/0058	2	{Dyes }	<administrative transfer to A61K 6/65>
D	A61K6/0061	3	{photochromic }	<administrative transfer to A61K 6/66>
D	A61K6/0064	3	{thermochromic }	<administrative transfer to A61K 6/68>
D	A61K6/0067	2	{Medicaments; Drugs }	<administrative transfer to A61K 6/69>
D	A61K6/007	1	{Preparations for dentistry characterized by the presence of inorganic additives }	<administrative transfer to A61K 6/70>
D	A61K6/0073	2	{Fillers }	<administrative transfer to A61K 6/71>
D	A61K6/0076	3	{comprising nitrogen-containing compounds }	<administrative transfer to A61K 6/72>
D	A61K6/0079	3	{comprising sulfur-containing compounds }	<administrative transfer to A61K 6/73>
D	A61K6/0082	3	{comprising phosphorus-containing compounds }	<administrative transfer to A61K 6/74>
D	A61K6/0085	4	{Apatite }	<administrative transfer to A61K 6/75>
D	A61K6/0088	3	{comprising silicon-containing compounds }	<administrative transfer to A61K 6/76>
D	A61K6/0091	3	{Glass }	<administrative transfer to A61K 6/77>
D	A61K6/0094	2	{Pigments }	<administrative transfer to A61K 6/78>
D	A61K6/0097	2	{Initiators }	<administrative transfer to A61K 6/79>
D	A61K6/02	1	Use of preparations for artificial teeth, for filling or for capping teeth	<administrative transfer to A61K 6/80>
D	A61K6/0205	2	{Ceramics }	<administrative transfer to A61K 6/802>
D	A61K6/021	3	{comprising manganese oxide }	<administrative transfer to A61K 6/804>
D	A61K6/0215	3	{comprising magnesium oxide }	<administrative transfer to A61K 6/807>
D	A61K6/022	3	{comprising beryllium oxide }	<administrative transfer to A61K 6/809>
D	A61K6/0225	3	{comprising chromium oxide }	<administrative transfer to A61K 6/811>
D	A61K6/023	3	{comprising iron oxide }	<administrative transfer to A61K 6/813>

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D	A61K6/0235	3	{comprising titanium oxide }	<administrative transfer to A61K 6/816>
D	A61K6/024	3	{comprising zirconium oxide }	<administrative transfer to A61K 6/818>
D	A61K6/0245	3	{comprising hafnium oxide }	<administrative transfer to A61K 6/82>
D	A61K6/025	3	{comprising rare earth metal oxides }	<administrative transfer to A61K 6/822>
D	A61K6/0255	3	{comprising transition metal oxides }	<administrative transfer to A61K 6/824>
D	A61K6/026	3	{Leucite }	<administrative transfer to A61K 6/827>
D	A61K6/0265	2	{Cermets-composites }	<administrative transfer to A61K 6/829>
D	A61K6/027	2	Use of non-metallic elements or compounds thereof, e.g. carbon {(non-metallic elements <u>per se</u> C01B)}	<administrative transfer to A61K 6/831>
D	A61K6/0273	3	{Glass-ceramic-composites }	<administrative transfer to A61K 6/833>
D	A61K6/0276	3	{Glasses }	<administrative transfer to A61K 6/836>
D	A61K6/033	3	{Phosphorus compounds, e.g. apatite }	<administrative transfer to A61K 6/838>
D	A61K6/04	2	Use of metals or alloys (alloys <u>per se</u> C22C)	<administrative transfer to A61K 6/84>
D	A61K6/043	3	{Rare earth metals }	<administrative transfer to A61K 6/842>
D	A61K6/046	3	{Noble metals }	<administrative transfer to A61K 6/844>
D	A61K6/05	3	Amalgams	<administrative transfer to A61K 6/847>
D	A61K6/06	2	Use of inorganic cements (cements <u>per se</u> C04B)	<administrative transfer to A61K 6/849>
D	A61K6/0606	3	{Portland cements }	<administrative transfer to A61K 6/851>
D	A61K6/0612	3	{Silicates }	<administrative transfer to A61K 6/853>
D	A61K6/0618	3	{Pozzolans }	<administrative transfer to A61K 6/856>
D	A61K6/0625	3	{Calcium sulfates/gypsum }	<administrative transfer to A61K 6/858>
D	A61K6/0631	3	{Al-cements }	<administrative transfer to A61K 6/86>
D	A61K6/0637	3	{Ca-Al-sulfate-cements }	<administrative transfer to A61K 6/862>
D	A61K6/0643	3	{Phosphate cements (apatite A61K6/033)}	<administrative transfer to A61K 6/864>
D	A61K6/065	3	{Ammonium cements }	<administrative transfer to A61K 6/867>

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D	A61K6/0656	3	{Zeolite}	<administrative transfer to A61K 6/869>
D	A61K6/0662	3	{Quartz or SiO ₂ }	<administrative transfer to A61K 6/871>
D	A61K6/0668	3	{Carbonates}	<administrative transfer to A61K 6/873>
D	A61K6/0675	3	{Calcium oxide}	<administrative transfer to A61K 6/876>
D	A61K6/0681	3	{comprising zirconium oxide}	<administrative transfer to A61K 6/878>
D	A61K6/0687	3	{comprising chromium oxide}	<administrative transfer to A61K 6/88>
D	A61K6/0693	3	{comprising carbides}	<administrative transfer to A61K 6/882>
D	A61K6/08	2	Use of natural or synthetic resins (resins <u>per se</u> C08)	<administrative transfer to A61K 6/884>
D	A61K6/083	3	Compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds	<administrative transfer to A61K 6/887>
D	A61K6/0835	4	{Polycarboxylate cements or glass ionomer cements}	<administrative transfer to A61K 6/889>
D	A61K6/087	3	Compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds	<administrative transfer to A61K 6/891>
D	A61K6/09	4	Polyurethanes	<administrative transfer to A61K 6/893>
D	A61K6/093	4	Polyorganosilicon compounds	<administrative transfer to A61K 6/896>
D	A61K6/097	3	Polysaccharides	<administrative transfer to A61K 6/898>
D	A61K6/10	1	Compositions for taking dental impressions (impression methods A61C9/00)	<administrative transfer to A61K 6/90>
N	A61K 6/15	1	Compositions characterised by their physical properties	
N	A61K 6/16	2	Refractive index	
N	A61K 6/17	2	Particle size	
N	A61K6/18	2	causing dental retraction, e.g. compositions for widening the sulcus for making dental impressions or removing teeth	
N	A61K6/19	2	Self-expanding, e.g. for filling teeth	
N	A61K6/20	1	Protective coatings for natural or artificial teeth, e.g. sealings, dye coatings or varnish	
N	A61K6/25	1	Compositions for detecting or measuring, e.g. of irregularities on natural or artificial teeth	
N	A61K6/30	1	Compositions for temporarily or permanently fixing teeth or palates, e.g. primers for dental adhesives	
N	A61K6/35	2	Preparations for stabilising dentures in the mouth	
N	A61K6/40	1	Primers (for dental adhesives A61K 6/30)	
N	A61K 6/50	1	Preparations specially adapted for dental root treatment	

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N	A61K 6/52	2	Cleaning; Disinfecting	
N	A61K 6/54	2	Filling; Sealing	
N	A61K 6/56	2	Apical treatment	
N	A61K 6/58	2	specially adapted for dental implants	
N	A61K 6/60	1	comprising organic or organo-metallic additives	
N	A61K 6/61	2	Cationic, anionic or redox initiators	
N	A61K 6/62	2	Photochemical radical initiators	
N	A61K 6/64	2	Thermal radical initiators	
N	A61K 6/65	2	Dyes	
N	A61K 6/66	3	Photochromic dyes	
N	A61K 6/68	3	Thermochromic dyes	
N	A61K 6/69	2	Medicaments	
N	A61K 6/70	1	comprising inorganic additives	
N	A61K 6/71	2	Fillers	
N	A61K 6/72	3	comprising nitrogen-containing compounds	
N	A61K 6/73	3	comprising sulfur-containing compounds	
N	A61K 6/74	3	comprising phosphorus-containing compounds	
N	A61K 6/75	4	Apatite	
N	A61K 6/76	3	comprising silicon-containing compounds	
N	A61K 6/77	3	Glass	
N	A61K 6/78	2	Pigments	
N	A61K 6/79	2	Initiators	
N	A61K 6/80	1	Preparations for artificial teeth, for filling teeth or for capping teeth	
N	A61K 6/802	2	comprising ceramics	
N	A61K 6/804	3	comprising manganese oxide	
N	A61K 6/807	3	comprising magnesium oxide	
N	A61K 6/809	3	comprising beryllium oxide	
N	A61K 6/811	3	comprising chromium oxide	
N	A61K 6/813	3	comprising iron oxide	
N	A61K 6/816	3	comprising titanium oxide	
N	A61K 6/818	3	comprising zirconium oxide	
N	A61K 6/82	3	comprising hafnium oxide	
N	A61K 6/822	3	comprising rare earth metal oxides	
N	A61K 6/824	3	comprising transition metal oxides	
N	A61K 6/827	3	Leucite	
N	A61K 6/829	2	comprising cermet composites	
N	A61K 6/831	2	comprising non-metallic elements or compounds thereof, e.g. carbon	
N	A61K 6/833	3	Glass-ceramic composites	
N	A61K 6/836	3	Glass	
N	A61K 6/838	3	Phosphorus compounds, e.g. apatite	
N	A61K 6/84	2	comprising metals or alloys	
N	A61K 6/842	3	Rare earth metals	
N	A61K 6/844	3	Noble metals	

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N	A61K 6/847	3	Amalgams	
N	A61K 6/849	2	comprising inorganic cements	
N	A61K 6/851	3	Portland cements	
N	A61K 6/853	3	Silicates	
N	A61K 6/856	3	Pozzolans	
N	A61K 6/858	3	Calcium sulfates, e.g. gypsum	
N	A61K 6/86	3	Al-cements	
N	A61K 6/862	3	Ca-Al-sulfate-cements	
N	A61K 6/864	3	Phosphate cements (apatite A61K 6/838)	
N	A61K 6/867	3	Ammonium cements	
N	A61K 6/869	3	Zeolites	
N	A61K 6/871	3	Quartz; SiO ₂	
N	A61K 6/873	3	Carbonates	
N	A61K 6/876	3	Calcium oxide	
N	A61K 6/878	3	Zirconium oxide	
N	A61K 6/88	3	Chromium oxide	
N	A61K 6/882	3	Carbides	
N	A61K 6/884	2	comprising natural or synthetic resins	
N	A61K 6/887	3	Compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds	
N	A61K 6/889	4	Polycarboxylate cements; Glass ionomer cements	
N	A61K 6/891	3	Compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds	
N	A61K 6/893	4	Polyurethanes	
N	A61K 6/896	4	Polyorganosilicon compounds	
N	A61K 6/898	3	Polysaccharides	
N	A61K 6/90	1	Compositions for taking dental impressions	

*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.

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

SUBCLASS A61K-PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J 3/00; 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; soap compositions C11D)

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	A61K 6/00	In groups A61K 6/00 - A61K 6/0044 and A61K 6/083 - A61K 6/10, the use of specific polymers is indicated by addition of classification symbols of the subclass C08L preceded by the sign "+", e.g. compositions for taking dental impressions containing alginates are classified in A61K 6/10 + C08L 5/04	In groups A61K 6/00 - A61K 6/58 and A61K 6/887 - A61K 6/90, combination sets [C-Sets] are used, e.g. compositions for taking dental impressions containing alginates are classified as (A61K 6/90, C08L 5/04)

*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.

2. A. DEFINITIONS (new)

A61K6/15

Definition statement

This place covers:

Compositions characterised by physical properties and physical parameters in general. For example, a composition of a semi-crystalline resin and nanocluster with the physical property of being self-supporting. Furthermore the self-supporting structure has sufficient malleability to be reformed into a second shape, preferably at a temperature of about 15°C to 38°C, more preferably at a temperature of about 20°C to 38°C etc.

References:

Informative references:

Attention is drawn to the following places, which may be of interest for search:

Image-producing devices	A61B90/36
Acyclic or carbocyclic compounds	C07C
Heterocyclic compounds	C07D
Manipulating 3D models or images for computer graphics	G06T19/00

Special rules of classification

Documents are classified in [A61K6/15](#) only if the characterising physical property is other than:

- refractive index ([A61K6/16](#))
- particle size ([A61K6/17](#))
- retraction ([A61K6/18](#): compositions causing retraction are able to widen the sulcus, for making dental impressions or removing teeth)
- self-expansion ([A61K6/19](#): compositions having self-expanding properties are able to overcome the effect of polymeric shrinkage)

A61K6/20

Definition statement

This place covers:

Protective coatings for natural or artificial teeth such as anti-abrasive coatings or remineralization coatings with particles, dye coatings for natural appearance, and temporary acid-resistant coatings during treatment as well as varnishes.

A61K6/25

Definition statement

This place covers:

Material used for assessing if the surface of a tooth is regular or not, for instance by determining the surface contact points.

A61K6/30

Definition statement

This place covers:

Chemical compositions for temporarily or permanently fixing teeth, palates or the like. For example, dental adhesives and primers for dental adhesives.

Relationships with other classification places

Surgical adhesive or cements are classified in A61L 24/00.

References

Informative references:

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Attention is drawn to the following places, which may be of interest for search:

Preparations for care of the teeth, of the oral cavity or of dentures	A61Q11/00
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Special rules of classification

If the type of polymer is characterized as an adhesive, the polymer should be classified in combination with the appropriate [C08L](#) subclass for specifying the kind of polymer. For example, using hydroxy cellulose as adhesive: Combination-set ([A61K6/35](#), [C08L1/02](#)). The specific use of stabilising dentures in the mouth are to be classified in [A61K6/35](#).

A61K6/40

Definition statement

This place covers:

Primer compositions used before applying a further material or layer thereon.

A primer is a chemical composition for modifying and pre-treatment of (dental) surfaces, resulting in a preparatory surface modification on materials before further treatment, ensuring better adhesion, but not to be confused with dental adhesives, which are classified in [A61K6/30](#).

References:

Limiting references:

This place does not cover:

Chemical means for temporarily or permanently fixing teeth, palates or the like, including adhesive primers	A61K6/30
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Special rules of classification

Primers are to be classified in combination with the appropriate [C08L](#) subclass for specifying the kind of polymer, e.g. a primer composition based on homopolymers or copolymers of methyl methacrylate: Combination-set ([A61K6/40](#), [C08L33/12](#)); if the kind of polymer is not characterizing, they are to be classified in the group [A61K6/40](#).

A61K6/50

Definition statement

This place covers:

Chemical compositions for the treatment of the root canal:

- for cleaning or disinfecting
- for filling or sealing
- for apical treatment
- and in combination with dental implants

Special rules of classification

Documents are to be classified in the group [A61K6/50](#) only if the type of dental root treatment is other than:

Cleaning, Disinfecting ([A61K6/52](#)),

Filling, Sealing ([A61K6/54](#)),

Apical treatment ([A61K6/56](#)),

Dental root treatment in combination with dental implants ([A61K6/58](#)).

A61K6/60

Definition statement

This place covers:

Chemical compositions for dental treatment characterised by the presence of organic or organo-metallic additives.

Special rules of classification

According to their function, the additives are to be classified in the subgroups as:

initiators:

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- if cationic, anionic or redox: [A61K6/61](#)
- if photochemical: [A61K6/62](#)
- if thermal: [A61K6/64](#)

dyes ([A61K6/65](#)):

- if photochromic: [A61K6/66](#)
- if thermochromic [A61K6/68](#)

medicaments or drugs ([A61K6/69](#))

A61K6/70

Definition statement

This place covers:

Chemical compositions for dental treatment characterised by the presence of inorganic additives.

Special rules of classification

According to their function, the additives are to be classified in the subgroups as:

- fillers ([A61K6/71](#)), further subdivided according to their chemical features in the subgroups [A61K6/72](#)-[A61K6/77](#)
- pigments ([A61K6/78](#))
- Initiators ([A61K6/79](#))

A61K6/80

Definition statement

This place covers:

Chemical compositions for artificial teeth, for filling or for capping teeth with respect to e.g. crowns, inlays, onlays, and filling material based on polymeric, metallic, ceramic, cement and composite materials.

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Special rules of classification

Documents are to be classified in the group [A61K6/80](#) only if no more appropriate class can be found according to the material used:

- Ceramics ([A61K6/802](#)), further subdivided into different kinds of ceramics; based on the main metal used, documents are to be classified in the subgroups [A61K6/804-A61K6/827](#).
- Cermets (Ceramics-Metal) composites ([A61K6/829](#)).
- Materials comprising non-metallic elements or compounds thereof ([A61K6/831](#)), further subdivided into: glass-ceramic composites ([A61K6/833](#)); glasses ([A61K6/836](#)); phosphorus compounds, e.g. apatite ([A61K6/838](#)).
- Metals or alloys ([A61K6/84](#)), further subdivided into: rare earth metals ([A61K6/842](#)); noble metals ([A61K6/844](#)), amalgams ([A61K6/847](#)).
- Inorganic cements ([A61K6/849](#)); based on the chemical features of the cement, documents are to be classified in subgroups [A61K6/851-A61K6/882](#).
- Natural or synthetic resins ([A61K6/884](#)).

Specific resins are to be classified in the appropriate class ([A61K6/887](#) or [A61K6/891](#), see below) in combination with a [C08L](#) class for specifying the kind of polymer; only if the resin used is very general, documents are to be classified in the main group [A61K6/884](#).

A61K6/90

Definition statement

This place covers:

Chemical compositions for taking dental impressions.

References:

Informative references:

Attention is drawn to the following places, which may be of interest for search:

Image-producing devices	A61B90/36
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Impression methods	A61C9/00
Impression cups or impression trays	A61C9/0006
Analysis and determination, detecting (2D or 3D) - computer assisted-sizing	A61C13/0004

Special rules of classification

The specific chemical compositions for taking dental impressions are to be classified in combination with the appropriate [C08L](#) subclass for specifying the kind of polymer, e.g. containing alginates are classified in Combination set ([A61K6/90](#), [C08L5/04](#)); for general polymer compositions, documents are to be classified in the main group [A61K6/90](#).

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A61K6/00 (modified)

Relationships with other classification places

Replace: Symbol A61K6/10 with A61K6/90

Insert: The following new paragraph as the last sentence of the Relationships with other classification places section

Surgical adhesives or cements are classified in A61L24/00 and ionomer cements, e.g. glass-ionomer cements are classified A61L24/12.

References

Limiting references

Delete: Limiting reference section

Informative references

Replace: Existing Informative references section with the one below

Attention is drawn to the following places, which may be of interest for search:

Dentistry	A61C
Dental machines for boring or cutting	A61C1/00
Dental tools or instruments	A61C3/00
Filling or capping teeth	A61C5/00
Orthodontics, e.g. brackets, arch wires, etc.	A61C7/00
Dental implants, e.g. means to be fixed to the jawbone	A61C8/00

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Means to be fixed to the jawbone for consolidating natural teeth or for fixing dental prostheses thereon characterised by the material or composition, e.g. ceramics, surface layer, or metal alloy	A61C8/0012
Impression cups, impression methods	A61C9/00
Dental prostheses	A61C13/00
Computer-assisted sizing	A61C13/0004
Tools for fastening artificial teeth	A61C13/12
Fastening dental prostheses in the mouth using adhesive foils or adhesive compositions	A61C13/225
Fastening of peg-teeth in the mouth	A61C13/30
Preparations for care of the teeth, of the oral cavity or of dentures	A61K8/00,A61Q11/00
Cements	C04B
Acyclic or carbocyclic compounds	C07C
Heterocyclic compounds	C07D
Inorganic or non-macromolecular organic substances as compounding ingredients	C08K
Resins compositions	C08L
Alloys	C22C

Special rules of classification

Replace: Existing Special rules of classification with the one below.

In the following groups the focus is on the intended use; the subgroups within a class are used to index further characteristics of the composition:

[A61K6/30](#): for temporarily or permanently fixing teeth

[A61K6/40](#): as primers

[A61K6/50](#): for dental root treatment

[A61K6/80](#): for artificial teeth, for filling or capping teeth

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[A61K6/90](#): for taking dental impressions

The following groups are used as an indexing scheme to classify further features of the chemical composition:

[A61K6/15](#): characterised by physical properties

[A61K6/60](#) and [A61K6/70](#): characterised by the additives

[A61K6/802](#): use of ceramics

[A61K6/84](#): use of metals or alloys

[A61K6/849](#): use of inorganic cements

[A61K6/884](#): use of natural or synthetic resins

In groups [A61K6/30-A61K6/58](#) and [A61K6/887-A61K6/90](#) the use of specific polymers is indicated by addition of classification symbols of the subclass [C08L](#), creating the correspondent Combination-set, e.g. compositions for taking dental impressions containing alginates are classified in ([A61K6/90](#), [C08L5/04](#)).

Further details of subgroups

[A61K6/887](#):

Polymers obtained by reactions only involving carbon to carbon unsaturated bonds are classified in [A61K6/887](#) in combination with the [C08L](#) subclass identifying the specific monomer; if only the general polymerisation mechanism is characterising, and not a specific monomer, documents are to be classified in [A61K6/887](#) without combination subclass.

[A61K6/889](#):

In the special case of glass ionomer cements, documents are to be classified in the groups [A61K6/889](#) (Polycarboxylate cements).

A glass ionomer cement is a dental cement mixture ($\text{CaF}_2\text{-Al}_2\text{O}_3\text{-SiO}_2$ + polycarboxylate) of low strength and toughness produced by mixing a powder prepared from a calcium aluminosilicate glass and a liquid prepared from an aqueous solution of polycarboxylates.

[A61K6/891](#):

Polymers obtained otherwise than by reactions only involving carbon to carbon unsaturated bonds are classified in [A61K6/891](#) in combination with the [C08L](#) subclass identifying the specific polymer; if a variety of polymers is mentioned, no particular type of polymer being characterising, documents are to be classified in [A61K6/891](#) without combination subclass.

In the special cases of polyurethanes ([A61K6/893](#)), polyorganosilicon compounds ([A61K6/896](#)), polysaccharides ([A61K6/898](#)) documents are to be classified also in said groups.

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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>
A61K6/0002			DELETE Full Definition
A61K6/0023			DELETE Full Definition
A61K6/0029			DELETE Full Definition
A61K6/0032			DELETE Full Definition
A61K6/0047			DELETE Full Definition
A61K6/007			DELETE Full Definition
A61K6/02			DELETE Full Definition
A61K6/10			DELETE Full 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)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	A61K6/0002	<administrative transfer to A61K 6/15>
D	A61K6/0005	<administrative transfer to A61K 6/16>
D	A61K6/0008	<administrative transfer to A61K 6/17>
D	A61K6/0011	<administrative transfer to A61K 6/18>
D	A61K6/0014	<administrative transfer to A61K 6/19>
D	A61K6/0017	<administrative transfer to A61K 6/20>
D	A61K6/002	<administrative transfer to A61K 6/25>
D	A61K6/0023	<administrative transfer to A61K 6/30>
D	A61K6/0026	<administrative transfer to A61K 6/35>
D	A61K6/0029	<administrative transfer to A61K 6/40>
D	A61K6/0032	<administrative transfer to A61K 6/50>
D	A61K6/0035	<administrative transfer to A61K 6/52>
D	A61K6/0038	<administrative transfer to A61K 6/54>
D	A61K6/0041	<administrative transfer to A61K 6/56>
D	A61K6/0044	<administrative transfer to A61K 6/58>
D	A61K6/0047	<administrative transfer to A61K 6/60>
D	A61K6/005	<administrative transfer to A61K 6/61>
D	A61K6/0052	<administrative transfer to A61K 6/62>
D	A61K6/0055	<administrative transfer to A61K 6/64>
D	A61K6/0058	<administrative transfer to A61K 6/65>
D	A61K6/0061	<administrative transfer to A61K 6/66>
D	A61K6/0064	<administrative transfer to A61K 6/68>
D	A61K6/0067	<administrative transfer to A61K 6/69>
D	A61K6/007	<administrative transfer to A61K 6/70>
D	A61K6/0073	<administrative transfer to A61K 6/71>
D	A61K6/0076	<administrative transfer to A61K 6/72>
D	A61K6/0079	<administrative transfer to A61K 6/73>
D	A61K6/0082	<administrative transfer to A61K 6/74>
D	A61K6/0085	<administrative transfer to A61K 6/75>
D	A61K6/0088	<administrative transfer to A61K 6/76>
D	A61K6/0091	<administrative transfer to A61K 6/77>
D	A61K6/0094	<administrative transfer to A61K 6/78>

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D	A61K6/0097	<administrative transfer to A61K 6/79>
D	A61K6/02	<administrative transfer to A61K 6/80>
D	A61K6/0205	<administrative transfer to A61K 6/802>
D	A61K6/021	<administrative transfer to A61K 6/804>
D	A61K6/0215	<administrative transfer to A61K 6/807>
D	A61K6/022	<administrative transfer to A61K 6/809>
D	A61K6/0225	<administrative transfer to A61K 6/811>
D	A61K6/023	<administrative transfer to A61K 6/813>
D	A61K6/0235	<administrative transfer to A61K 6/816>
D	A61K6/024	<administrative transfer to A61K 6/818>
D	A61K6/0245	<administrative transfer to A61K 6/82>
D	A61K6/025	<administrative transfer to A61K 6/822>
D	A61K6/0255	<administrative transfer to A61K 6/824>
D	A61K6/026	<administrative transfer to A61K 6/827>
D	A61K6/0265	<administrative transfer to A61K 6/829>
D	A61K6/027	<administrative transfer to A61K 6/831>
D	A61K6/0273	<administrative transfer to A61K 6/833>
D	A61K6/0276	<administrative transfer to A61K 6/836>
D	A61K6/033	<administrative transfer to A61K 6/838>
D	A61K6/04	<administrative transfer to A61K 6/84>
D	A61K6/043	<administrative transfer to A61K 6/842>
D	A61K6/046	<administrative transfer to A61K 6/844>
D	A61K6/05	<administrative transfer to A61K 6/847>
D	A61K6/06	<administrative transfer to A61K 6/849>
D	A61K6/0606	<administrative transfer to A61K 6/851>
D	A61K6/0612	<administrative transfer to A61K 6/853>
D	A61K6/0618	<administrative transfer to A61K 6/856>
D	A61K6/0625	<administrative transfer to A61K 6/858>
D	A61K6/0631	<administrative transfer to A61K 6/86>
D	A61K6/0637	<administrative transfer to A61K 6/862>
D	A61K6/0643	<administrative transfer to A61K 6/864>
D	A61K6/065	<administrative transfer to A61K 6/867>
D	A61K6/0656	<administrative transfer to A61K 6/869>
D	A61K6/0662	<administrative transfer to A61K 6/871>
D	A61K6/0668	<administrative transfer to A61K 6/873>

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D	A61K6/0675	<administrative transfer to A61K 6/876>
D	A61K6/0681	<administrative transfer to A61K 6/878>
D	A61K6/0687	<administrative transfer to A61K 6/88>
D	A61K6/0693	<administrative transfer to A61K 6/882>
D	A61K6/08	<administrative transfer to A61K 6/884>
D	A61K6/083	<administrative transfer to A61K 6/887>
D	A61K6/0835	<administrative transfer to A61K 6/889>
D	A61K6/087	<administrative transfer to A61K 6/891>
D	A61K6/09	<administrative transfer to A61K 6/893>
D	A61K6/093	<administrative transfer to A61K 6/896>
D	A61K6/097	<administrative transfer to A61K 6/898>
D	A61K6/10	<administrative transfer to A61K 6/90>

* 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>.
- 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 finalization projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61K6/0002		DELETE
A61K6/0005		DELETE
A61K6/0008		DELETE
A61K6/0011		DELETE
A61K6/0014		DELETE
A61K6/0017		DELETE
A61K6/002		DELETE
A61K6/0023		DELETE
A61K6/0026		DELETE
A61K6/0029		DELETE
A61K6/0032		DELETE
A61K6/0035		DELETE
A61K6/0038		DELETE
A61K6/0041		DELETE
A61K6/0044		DELETE
A61K6/0047		DELETE
A61K6/005		DELETE
A61K6/0052		DELETE
A61K6/0055		DELETE
A61K6/0058		DELETE
A61K6/0061		DELETE
A61K6/0064		DELETE
A61K6/0067		DELETE
A61K6/007		DELETE
A61K6/0073		DELETE
A61K6/0076		DELETE
A61K6/0079		DELETE
A61K6/0082		DELETE
A61K6/0085		DELETE
A61K6/0088		DELETE
A61K6/0091		DELETE
A61K6/0094		DELETE
A61K6/0097		DELETE
A61K6/02		DELETE
A61K6/0205		DELETE
A61K6/021		DELETE
A61K6/0215		DELETE
A61K6/022		DELETE
A61K6/0225		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61K6/023		DELETE
A61K6/0235		DELETE
A61K6/024		DELETE
A61K6/0245		DELETE
A61K6/025		DELETE
A61K6/0255		DELETE
A61K6/026		DELETE
A61K6/0265		DELETE
A61K6/027		DELETE
A61K6/0273		DELETE
A61K6/0276		DELETE
A61K6/033		DELETE
A61K6/04		DELETE
A61K6/043		DELETE
A61K6/046		DELETE
A61K6/05		DELETE
A61K6/06		DELETE
A61K6/0606		DELETE
A61K6/0612		DELETE
A61K6/0618		DELETE
A61K6/0625		DELETE
A61K6/0631		DELETE
A61K6/0637		DELETE
A61K6/0643		DELETE
A61K6/065		DELETE
A61K6/0656		DELETE
A61K6/0662		DELETE
A61K6/0668		DELETE
A61K6/0675		DELETE
A61K6/0681		DELETE
A61K6/0687		DELETE
A61K6/0693		DELETE
A61K6/08		DELETE
A61K6/083		DELETE
A61K6/0835		DELETE
A61K6/087		DELETE
A61K6/09		DELETE
A61K6/093		DELETE
A61K6/097		DELETE
A61K6/10		DELETE
A61K 6/15	A61K 6/15	NEW
A61K 6/16	A61K 6/16	NEW
A61K 6/17	A61K 6/17	NEW
A61K6/18	A61K6/18	NEW
A61K6/19	A61K6/19	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61K6/20	A61K6/20	NEW
A61K6/25	A61K6/25	NEW
A61K6/30	A61K6/30	NEW
A61K6/35	A61K6/35	NEW
A61K6/40	A61K6/40	NEW
A61K 6/50	A61K 6/50	NEW
A61K 6/52	A61K 6/52	NEW
A61K 6/54	A61K 6/54	NEW
A61K 6/56	A61K 6/56	NEW
A61K 6/58	A61K 6/58	NEW
A61K 6/60	A61K 6/60	NEW
A61K 6/61	A61K 6/61	NEW
A61K 6/62	A61K 6/62	NEW
A61K 6/64	A61K 6/64	NEW
A61K 6/65	A61K 6/65	NEW
A61K 6/66	A61K 6/66	NEW
A61K 6/68	A61K 6/68	NEW
A61K 6/69	A61K 6/69	NEW
A61K 6/70	A61K 6/70	NEW
A61K 6/71	A61K 6/71	NEW
A61K 6/72	A61K 6/72	NEW
A61K 6/73	A61K 6/73	NEW
A61K 6/74	A61K 6/74	NEW
A61K 6/75	A61K 6/75	NEW
A61K 6/76	A61K 6/76	NEW
A61K 6/77	A61K 6/77	NEW
A61K 6/78	A61K 6/78	NEW
A61K 6/79	A61K 6/79	NEW
A61K 6/80	A61K 6/80	NEW
A61K 6/802	A61K 6/802	NEW
A61K 6/804	A61K 6/804	NEW
A61K 6/807	A61K 6/807	NEW
A61K 6/809	A61K 6/809	NEW
A61K 6/811	A61K 6/811	NEW
A61K 6/813	A61K 6/813	NEW
A61K 6/816	A61K 6/816	NEW
A61K 6/818	A61K 6/818	NEW
A61K 6/82	A61K 6/82	NEW
A61K 6/822	A61K 6/822	NEW
A61K 6/824	A61K 6/824	NEW
A61K 6/827	A61K 6/827	NEW
A61K 6/829	A61K 6/829	NEW
A61K 6/831	A61K 6/831	NEW
A61K 6/833	A61K 6/833	NEW
A61K 6/836	A61K 6/836	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61K 6/838	A61K 6/838	NEW
A61K 6/84	A61K 6/84	NEW
A61K 6/842	A61K 6/842	NEW
A61K 6/844	A61K 6/844	NEW
A61K 6/847	A61K 6/847	NEW
A61K 6/849	A61K 6/849	NEW
A61K 6/851	A61K 6/851	NEW
A61K 6/853	A61K 6/853	NEW
A61K 6/856	A61K 6/856	NEW
A61K 6/858	A61K 6/858	NEW
A61K 6/86	A61K 6/86	NEW
A61K 6/862	A61K 6/862	NEW
A61K 6/864	A61K 6/864	NEW
A61K 6/867	A61K 6/867	NEW
A61K 6/869	A61K 6/869	NEW
A61K 6/871	A61K 6/871	NEW
A61K 6/873	A61K 6/873	NEW
A61K 6/876	A61K 6/876	NEW
A61K 6/878	A61K 6/878	NEW
A61K 6/88	A61K 6/88	NEW
A61K 6/882	A61K 6/882	NEW
A61K 6/884	A61K 6/884	NEW
A61K 6/887	A61K 6/887	NEW
A61K 6/889	A61K 6/889	NEW
A61K 6/891	A61K 6/891	NEW
A61K 6/893	A61K 6/893	NEW
A61K 6/896	A61K 6/896	NEW
A61K 6/898	A61K 6/898	NEW
A61K 6/90	A61K 6/90	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 “CPC ONLY” 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.

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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>
A 61C13/083	A 61K6/02	Replace with A 61K6/80
A 61C13/087	A 61K6/02	Replace with A 61K6/80
A 61L27/00	A 61K6/02	Replace with A 61K6/80

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>
A 61C5/50	A 61K6/02	Informative references	Replace with A 61K6/80
A 61C13/083	A 61K6/02	Limiting references	Replace with A 61K6/80
A 61L15/00	A 61K6/0026	Informative references	Replace with A 61K6/35
A 61L24/00	A 61K6/0023	Informative references	Replace with A 61K6/30
A 61L24/00	A 61K6/0026	Informative references	Replace with A 61K6/35
A 61L27/00	A 61K6/02	Informative references	Replace with A 61K6/80
A 61L27/00	A 61K6/02	Limiting references	Replace with A 61K6/80
B22F	A 61K6/04	Informative references	Replace with A 61K6/84
C04B28/00	A 61K6/06	Limiting references	Replace with A 61K6/849
C04B28/14	A 61K6/0625	Limiting references	Replace with A 61K6/858
C04B28/28	A 61K6/0835	Limiting references	Replace with A 61K6/889
C04B28/32	A 61K6/06	Limiting references	Replace with A 61K6/849
C08B	A 61K6/097	Application-oriented references	Replace with A 61K6/898
C25D9/00	A 61K6/083	Informative references	Replace with A 61K6/887

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.

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- 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.