

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

HEALTH; AMUSEMENT

A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

A61C DENTISTRY; APPARATUS OR METHODS FOR ORAL OR DENTAL HYGIENE (non-driven toothbrushes [A46B](#); {tongue scrapers [A61B 17/24](#);} preparations for dentistry [A61K 6/00](#); preparations for cleaning the teeth or mouth [A61K 8/00](#), [A61Q 11/00](#))

WARNING

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

A61C 7/24	covered by	A61C 7/20
A61C 7/26	covered by	A61C 7/20
A61C 7/32	covered by	A61C 7/28
A61C 8/02	covered by	A61C 8/0004
A61C 11/04	covered by	A61C 11/00
A61C 13/003	covered by	A61C 13/26
A61C 13/007	covered by	A61C 13/01
A61C 13/03	covered by	A61C 13/01
A61C 13/07	covered by	A61C 13/0025
A61C 13/093	covered by	A61C 13/1006
A61C 13/103	covered by	A61C 13/1009
A61C 13/105	covered by	A61C 13/1009
A61C 13/107	covered by	A61C 13/0001
A61C 13/113	covered by	A61C 13/0001
A61C 13/15	covered by	A61C 19/003
A61C 13/23	covered by	A61C 13/0025
A61C 13/263	covered by	A61C 13/225
A61C 13/271	covered by	A61C 13/26
A61C 13/32	covered by	A61C 13/225
A61C 13/36	covered by	A61C 13/1016
A61C 13/38	covered by	A61C 13/12
A61C 17/024	covered by	A61C 17/02
A61C 17/032	covered by	A61C 17/02
A61C 17/06	covered by	A61C 17/00
A61C 17/08	covered by	A61C 17/00
A61C 17/10	covered by	A61C 17/00
A61C 17/12	covered by	A61C 17/00
A61C 17/18	covered by	A61C 17/16

Dental surgery

1/00 Dental machines for boring or cutting {}; General features of dental machines or apparatus, e.g. hand-piece design

1/0007 . {Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus [A61C 1/0069](#))}

1/0015 . . {Electrical systems}

1/0023 . . . {Foot control}

1/003 . . . {Control of rotation of instrument}

1/0038 . . {Pneumatic systems}

1/0046 . {Dental lasers (surgical lasers [A61B 18/20](#); working by laser beam in general [B23K 26/00](#); lasers per se [H01S 3/00](#))}

1/0053 . {Portable units}

1/0061 . {Air and water supply systems; Valves specially adapted therefor ([A61C 1/052](#) takes precedence; rinsing or air-blowing devices [A61C 17/02](#))}

1/0069 . . {Fluid temperature control}

1/0076 . . {Sterilising operating fluids or fluid supply elements such as supply lines, filters (sterilisation of liquid substances in general [A61L 2/18](#))}

1/0084 . . {Supply units, e.g. reservoir arrangements, specially adapted pumps}

1/0092 . . . {Pumps specially adapted therefor}

1/02 . characterised by the drive of the dental tools

1/04 . . with treadle or manual drive

1/05 . . with turbine drive

1/052 . . . {Ducts for supplying driving or cooling fluid, e.g. air, water}

1/055 {through the working tool, e.g. hollow burr}

- 1/057 . . . {with means for preventing suction effect in turbine after deactivation of the drive air}
- 1/06 . . with electric drive
- 1/07 . . with vibratory drive, e.g. ultrasonic
- 1/08 . Machine parts specially adapted for dentistry
- 1/081 . . {Pain-alleviating features}
- 1/082 . . {Positioning or guiding, e.g. of drills}
- 1/084 . . . {of implanting tools}
- 1/085 . . . {for multiple drills, for simultaneous drilling}
- 1/087 . . {Supplying powder or medicines}
- 1/088 . . {Illuminating devices or attachments (for examination of the mouth [A61B 1/24](#) and [A61B 1/06](#))}
- 1/10 . . Straight hand-pieces
- 1/12 . . Angle hand-pieces
- 1/14 . . Tool-holders {, i.e. operating tool holders, e.g. burr holders}
- 1/141 . . . {in an angled handpiece}
- 1/142 . . . {Operating tool blocking means}
- 1/144 {constricting the operating tool, e.g. chuck}
- 1/145 . . . {Instruments or accessories for tool holders}
- 1/147 . . . {in a straight handpiece}
- 1/148 . . . {Non-rotating tool holders, e.g. vibrating, oscillating, nutating}
- 1/16 . . Protecting caps for hand-pieces or angle-pieces
- 1/18 . . Flexible shafts; Clutches or the like; {Bearings or lubricating arrangements; Drives or transmissions} (flexible shafts in general [F16C](#); clutches in general [F16D](#))
- 1/181 . . . {Bearings or lubricating arrangements, e.g. air-cushion bearings}
- 1/183 {Jewel bearings}
- 1/185 . . . {Drives or transmissions}
- 1/186 {with torque adjusting or limiting means}
- 1/188 . . . {Means for allowing non driven rotation of the tool relative to the handle, e.g. toolswivel}
- 3/00 Dental tools or instruments (implanting tools [A61C 8/00](#); tools for fastening artificial teeth [A61C 13/12](#); visual inspection devices, e.g. dental mirrors, [A61B 1/24](#))**
- 3/005 . {Brushes for applying dental compositions}
- 3/02 . Tooth drilling or cutting instruments; Instruments acting like a sandblast machine
- 3/025 . . Instruments acting like a sandblast machine, e.g. for cleaning, polishing or cutting teeth
- 3/03 . . Instruments operated by vibration
- 3/04 . Supports for holding tooth drills in order of use
- 3/06 . Tooth grinding or polishing discs; Holders therefor {(prophylactic cups [A61C 17/005](#))}
- 3/08 . Tooth pluggers or hammers
- 3/10 . Tooth pincettes or the like
- 3/12 . Tooth saws
- 3/14 . Dentists' forceps or the like for extracting teeth
- 3/16 . Dentists' forceps {or clamps} for removing crowns
- 3/162 . . {acting by leverage}
- 3/164 . . {acting by percussion}
- 3/166 . . {acting by vibration}
- 3/168 . . {with wires}

5/00 Filling or capping teeth**WARNING**

Group [A61C 5/00](#) is impacted by reclassification into group [A61C 5/30](#).

Groups [A61C 5/00](#) and [A61C 5/30](#) should be considered in order to perform a complete search.

- 5/007 . {Dental splints; teeth or jaw immobilisation devices; stabilizing retainers bonded to teeth after orthodontic treatments}

WARNING

Group [A61C 5/007](#) is impacted by reclassification into group [A61C 5/30](#).

Groups [A61C 5/007](#) and [A61C 5/30](#) should be considered in order to perform a complete search.

- 5/20 . Repairing attrition damage, e.g. facets
- 5/30 . Securing inlays, onlays or crowns

WARNING

Group [A61C 5/30](#) is incomplete pending reclassification of documents from groups [A61C 5/00](#), [A61C 5/007](#), [A61C 5/70](#) and [A61C 13/225](#).

All groups listed in this warning should be considered in order to perform a complete search.

- 5/35 . . Pins; Mounting tools or dispensers therefor

WARNING

Group [A61C 5/35](#) is incomplete pending reclassification of documents from group [A61C 5/70](#).

Groups [A61C 5/70](#) and [A61C 5/35](#) should be considered in order to perform a complete search.

- 5/40 . Implements for surgical treatment of the roots or nerves of the teeth; Nerve needles; Methods or instruments for medication of the roots
- 5/42 . . Files for root canals; Handgrips or guiding means therefor
- 5/44 . . Means for controlling working depth, e.g. supports or boxes with depth-gauging means, stop positioners or files with adjustably-mounted handles
- 5/46 . . Nerve extractors, e.g. needles; Means for removing broken parts of endodontic instruments
- 5/48 . . Means for preventing loss of endodontic instruments during treatment
- 5/50 . Implements for filling root canals; Methods or instruments for medication of tooth nerve channels
- 5/55 . . with heating means, e.g. for heating gutta percha

5/60	<ul style="list-style-type: none"> Devices specially adapted for pressing or mixing capping or filling materials, e.g. amalgam presses <p>WARNING</p> <p>Group A61C 5/60 is incomplete pending reclassification of documents from group A61C 19/005.</p> <p>Groups A61C 19/005 and A61C 5/60 should be considered in order to perform a complete search.</p>	7/02	<ul style="list-style-type: none"> Tools for manipulating or working with an orthodontic appliance {tools for placement of brackets A61C 7/146; instruments for attaching elastic bands A61C 7/306}
		7/023	<ul style="list-style-type: none"> {for debonding or removing orthodontic devices}
		7/026	<ul style="list-style-type: none"> {for twisting orthodontic ligature wires}
		7/04	<ul style="list-style-type: none"> plier-type, {e.g. pincers}
		7/06	<ul style="list-style-type: none"> Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension
5/62	<ul style="list-style-type: none"> Applicators, e.g. syringes or guns 	7/065	<ul style="list-style-type: none"> {with a chin cup}
5/64	<ul style="list-style-type: none"> for multi-component compositions 	7/08	<ul style="list-style-type: none"> Mouthpiece-type retainers {or positioners, e.g. for both the lower and upper arch arch-shaped medicament applicators for teeth or gums A61C 19/063; mouthguards for protecting the teeth of sportsmen A63B 71/085}
5/66	<ul style="list-style-type: none"> Capsules for filling material 		
5/68	<ul style="list-style-type: none"> Mixing dental material components for immediate application to a site to be restored, e.g. a tooth cavity 	7/10	<ul style="list-style-type: none"> Devices having means to apply outwardly directed force, e.g. expanders
5/70	<ul style="list-style-type: none"> Tooth crowns; Making thereof <p>WARNING</p> <p>Group A61C 5/70 is impacted by reclassification into groups A61C 5/30, A61C 5/35 and A61C 5/73.</p> <p>All groups listed in this warning should be considered in order to perform a complete search.</p>	7/12	<ul style="list-style-type: none"> Brackets; Arch wires; Combinations thereof; Accessories therefor
		7/125	<ul style="list-style-type: none"> {Mouth tissue protecting means, e.g. bracket caps}
		7/14	<ul style="list-style-type: none"> Brackets (A61C 7/28 takes precedence); Fixing brackets to teeth
		7/141	<ul style="list-style-type: none"> {Brackets with reinforcing structure, e.g. inserts}
		7/143	<ul style="list-style-type: none"> {Brackets with two or more recesses for arch wires}
		7/145	<ul style="list-style-type: none"> {Lingual brackets}
		7/146	<ul style="list-style-type: none"> {Positioning or placement of brackets; Tools therefor}
		7/148	<ul style="list-style-type: none"> {with occlusal or gingival archwire slot opening (A61C 7/145 takes precedence)}
		7/16	<ul style="list-style-type: none"> specially adapted to be cemented to teeth
		7/18	<ul style="list-style-type: none"> specially adapted to be fixed to teeth with a band; Bands therefor
		7/20	<ul style="list-style-type: none"> Arch wires (A61C 7/28 takes precedence)
		7/22	<ul style="list-style-type: none"> Tension adjusting means
		7/28	<ul style="list-style-type: none"> Securing arch wire to bracket
		7/282	<ul style="list-style-type: none"> {Buccal tubes}
		7/285	<ul style="list-style-type: none"> {Locking by rotation}
		7/287	<ul style="list-style-type: none"> {Sliding locks}
		7/30	<ul style="list-style-type: none"> by resilient means; {Dispensers therefor}
		7/303	<ul style="list-style-type: none"> {Elastic bands}
		7/306	<ul style="list-style-type: none"> {Dispensers or attachment instruments therefor}
		7/34	<ul style="list-style-type: none"> using lock pins
		7/36	<ul style="list-style-type: none"> Devices acting between upper and lower teeth
		8/00	<p>Means to be fixed to the jaw-bone for consolidating natural teeth or for fixing dental prostheses thereon; Dental implants; Implanting tools (fastening of peg-teeth in the mouth A61C 13/30)</p>
		8/0001	<ul style="list-style-type: none"> {Impression means for implants, e.g. impression coping}
		8/0003	<ul style="list-style-type: none"> {Not used, see subgroups}
		8/0004	<ul style="list-style-type: none"> {Consolidating natural teeth}
		8/0006	<ul style="list-style-type: none"> {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants A61F 2/2846)}
		8/0007	<ul style="list-style-type: none"> {Stimulation of growth around implant by electrical means}
5/73	<ul style="list-style-type: none"> Composite crowns <p>WARNING</p> <p>Group A61C 5/73 is incomplete pending reclassification of documents from group A61C 5/70.</p> <p>Groups A61C 5/70 and A61C 5/73 should be considered in order to perform a complete search.</p>		
5/77	<ul style="list-style-type: none"> Methods or devices for making crowns <p>WARNING</p> <p>Group A61C 5/77 is incomplete pending reclassification of documents from group A61C 13/0004.</p> <p>Groups A61C 13/0004 and A61C 5/77 should be considered in order to perform a complete search.</p>		
5/80	<ul style="list-style-type: none"> Dental aids fixed to teeth during treatment, e.g. tooth clamps 		
5/82	<ul style="list-style-type: none"> Dams; Holders or clamps therefor 		
5/85	<ul style="list-style-type: none"> Filling bands, e.g. matrix bands; Manipulating tools therefor 		
5/88	<ul style="list-style-type: none"> Wedges 		
5/90	<ul style="list-style-type: none"> Oral protectors for use during treatment, e.g. lip or mouth protectors (A61C 5/82 takes precedence) 		
7/00	<p>Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions</p>		
7/002	<ul style="list-style-type: none"> {Orthodontic computer assisted systems} 		
2007/004	<ul style="list-style-type: none"> {Automatic construction of a set of axes for a tooth or a plurality of teeth} 		
7/006	<ul style="list-style-type: none"> {using magnetic force} 		
7/008	<ul style="list-style-type: none"> {using vibrating means} 		

8/0009	. . {Consolidating prostheses or implants, e.g. by means of stabilising pins (A61C 8/0031 takes precedence)}	8/0075	. . {Implant heads specially designed for receiving an upper structure (if separable from the implant A61C 8/005)}
8/001	. {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}	8/0077	. . {with shape following the gingival surface or the bone surface}
8/0012	. {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials A61K 6/00)}	8/0078	. . {with platform switching, i.e. platform between implant and abutment}
8/0013	. . {with a surface layer, coating}	8/008	. {Healing caps or the like}
8/0015	. . . {being a conversion layer, e.g. oxide layer}	8/0081	. {Magnetic dental implant retention systems}
8/0016	. . {polymeric material}	8/0083	. {Intra-gingival inserts}
8/0018	. {characterised by the shape}	2008/0084	. {Provisional implants or abutments}
8/0019	. . {Blade implants}	8/0086	. {with shock absorbing means}
8/0021	. . . {with self-incising cutting edge}	8/0087	. {Means for sterile storage or manipulation of dental implants}
8/0022	. . {Self-screwing (A61C 8/0028 takes precedence)}	8/0089	. {Implanting tools or instruments}
8/0024	. . . {with self-boring cutting edge}	8/009	. . {for selecting the right implanting element, e.g. templates}
8/0025	. . . {with multiple threads}	8/0092	. . {for sinus lifting}
8/0027	. . {Frames}	8/0093	. {Features of implants not otherwise provided for}
8/0028	. . {Pins, needles; Head structures therefor (A61C 8/0004, A61C 8/0009 take precedence)}	8/0095	. . {Total denture implant}
8/003	. . {Transmandibular implants}	8/0096	. . {Implants for use in orthodontic treatment}
8/0031	. . {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}	8/0098	. . {Immediate loaded implants}
8/0033	. . {Expandable implants; Implants with extendable elements}	Dental prosthetics; Artificial teeth (preparations for dentistry A61K 6/00)	
8/0034	. . {Long implant, e.g. zygomatic implant}	9/00	Impression cups, {i.e. impression trays}; Impression methods (computer-assisted sizing A61C 13/0004; instruments for determining occlusion A61C 19/05)
8/0036	. . {Tooth replica}	9/0006	. {Impression trays}
8/0037	. . {Details of the shape}	9/0013	. . {Inflatable trays}
8/0039	. . . {in the form of hollow cylinder with an open bottom}	9/002	. {Means or methods for correctly replacing a dental model, e.g. dowel pins; Dowel pin positioning means or methods}
8/004	. . . {inflatable}	9/0026	. {Syringes or guns for injecting impression material; Mixing impression material for immediate use}
8/0042	. . . {consisting of two halves}	9/0033	. {Gingival retraction appliances}
8/0043	. . . {having more than one root}	9/004	. {Means or methods for taking digitized impressions}
8/0045	. . . {with a stepped body}	9/0046	. . {Data acquisition means or methods}
2008/0046	. . . {Textured surface, e.g. roughness, microstructure (A61C 8/0013 takes precedence)}	9/0053	. . . {Optical means or methods, e.g. scanning the teeth by a laser or light beam}
8/0048	. {Connecting the upper structure to the implant, e.g. bridging bars (A61C 8/0028 takes precedence)}	9/006 {projecting one or more stripes or patterns on the teeth}
8/005	. . {Connecting devices for joining an upper structure with an implant member, e.g. spacers}	9/0066 {Depth determination through adaptive focusing}
8/0051	. . . {Abutment monobloc with restoration}	9/0073 {Interferometric means or methods, e.g. creation of a hologram}
8/0053	. . . {with angular adjustment means, e.g. ball and socket joint}	9/008	. . . {Mechanical means or methods, e.g. a contact probe moving over the teeth}
8/0054	. . . {having a cylindrical implant connecting part}	9/0086	. . . {Acoustic means or methods}
8/0056	. . . {diverging in the apical direction of the implant or abutment}	9/0093	. . {Workpiece support}
8/0057	. . . {with elastic means}	11/00	Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings
8/0059	. . . {with additional friction enhancing means}	11/001	. {non-pivoting}
8/006	. . . {with polygonal positional means, e.g. hexagonal or octagonal}	11/003	. {with height adjustments thereof}
8/0062	. . . {Catch or snap type connection}	11/005	. {with tracing devices}
8/0063	. . . {with an internal sleeve}	11/006	. {with an occlusal plate}
8/0065	. . . {with expandable or compressible means}	11/008	. {made of wires}
8/0066	. . . {with positioning means (A61C 8/006 takes precedence)}	11/02	. characterised by the arrangement, location or type of the hinge means {; Articulators with pivots}
8/0068	. . . {with an additional screw}		
8/0069	. . . {tapered or conical connection}		
8/0071 {with a self-locking taper, e.g. morse taper}		
8/0072 {including male and female conical parts with different angles}		
8/0074	. . . {with external threads}		

- 11/022 . . {with two adjustable pivoting points, e.g. Argon-type articulators}
- 11/025 . . {with a pivotable lower part, i.e. mandibule motion simulator}
- 11/027 . . {with a hinge made of resilient material}
- 11/06 . with incisal guide
- 11/08 . with means to secure dental casts to articulator
- 11/081 . . {with adjusting means thereof}
- 11/082 . . . {for rectilinear adjustment}
- 11/084 . . . {for 3D adjustment, e.g. Ball-and-socket}
- 11/085 . . . {Intermediary adjustment plates}
- 11/087 . . {using magnets}
- 11/088 . . {using screws}
- 13/00 Dental prostheses; Making same (tooth crowns for capping teeth [A61C 5/70](#); dental implants [A61C 8/00](#))**
 - 13/0001 . {In-situ dentures; Trial or temporary dentures}
 - 13/0003 . {Making bridge-work, inlays, implants or the like}
 - 13/0004 . . {Computer-assisted sizing or machining of dental prostheses}
- WARNING**

Group [A61C 13/0004](#) is impacted by reclassification into group [A61C 5/77](#).

Groups [A61C 13/0004](#) and [A61C 5/77](#) should be considered in order to perform a complete search.
- 13/0006 . . {Production methods}
- 13/0007 . . . {using sand blasting}
- 13/0009 . . . {using a copying machine}
- 13/001 . . . {Electrophoresis coating}
- 13/0012 . . . {Electrolytic coating}
- 13/0013 . . . {using stereolithographic techniques}
- 13/0015 . . . {using electrical discharge machining [EDM], e.g. spark erosion}
- 13/0016 . . . {using ultrasonic or sonic machining process}
- 13/0018 . . . {using laser}
- 13/0019 . . . {using three dimensional printing}
- 13/0021 . . . {using stamping techniques}
- 13/0022 . . {Blanks or green, unfinished dental restoration parts}
- 13/0024 . {Repairing or adjusting dentures; Location of irritating zones}
- 13/0025 . {Linings}
- 13/0027 . {Base for holding castings}
- 13/0028 . {Instruments or appliances for wax-shaping or wax-removing}
- 13/01 . Palates or other bases or supports for the artificial teeth; Making same
- 13/02 . . made by galvanoplastic methods or by plating; Surface treatment; Enamelling; Perfuming; Making antiseptic
- 13/04 . . {made by casting}
- 13/06 . . made by punching
- 13/08 . Artificial teeth; Making same (kilns for artificial teeth [F27B](#))
- 13/081 . . {Making teeth by casting or moulding}
- 13/082 . . {Cosmetic aspects, e.g. inlays; Determination of the colour ([A61C 19/10](#) takes precedence)}
- 13/083 . . Porcelain or ceramic teeth ([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))
- 13/0835 . . . {Ceramic coating on metallic body}
- 13/087 . . Artificial resin teeth ([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))
- 13/09 . . {Composite teeth, e.g. front and back section ([A61C 13/0835](#), [A61C 13/1023](#) take precedence)}; Multilayer teeth
- 13/097 . . characterised by occlusal profiles {, i.e. chewing contact surfaces}
- 13/10 . Fastening of artificial teeth to denture palates or the like ([A61C 8/0048](#) takes precedence)}
- 13/1003 . . {by embedding in base material}
- 13/1006 . . . {characterised by a tooth shape which improves retention}
- 13/1009 . . . {Anchorage members, e.g. pins or bars; Means or methods for affixing pins to porcelain teeth}
- 13/1013 . . . {Arch forms}
- 13/1016 {Methods or apparatus for mounting, holding or positioning a set of teeth}
- 13/102 . . {to be fixed to a frame}
- 13/1023 . . . {Facing and backing}
- 13/1026 . . {Shock absorbers}
- 13/12 . Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth ([A61C 8/0089](#) takes precedence)}
- 13/14 . . Vulcanising devices for artificial teeth ({by radiation [A61C 19/003](#)}; apparatus for curing, e.g. vulcanising, of plastics or substances in a plastic state, in general [B29C 35/00](#))
- 13/16 . . Curing flasks; Holders therefor
- 13/18 . . Presses for flasks
- 13/20 . Methods or devices for soldering, casting, moulding or melting ([A61C 13/04](#), [A61C 13/081](#) take precedence)}
- 13/203 . . {using microwave energy}
- 13/206 . . {Injection moulding}
- 13/225 . Fastening prostheses in the mouth (securing tooth crowns in capping teeth [A61C 5/30](#))
- WARNING**

Group [A61C 13/225](#) is impacted by reclassification into group [A61C 5/30](#).

Groups [A61C 13/225](#) and [A61C 5/30](#) should be considered in order to perform a complete search.
- 13/2255 . . {Frames for partial dentures; Lingual bars}
- 13/235 . . Magnetic fastening ([A61C 8/0081](#) takes precedence); magnetic implants [A61C 8/00](#))
- 13/24 . . Fastening by suction {, i.e. total dentures ([A61C 8/00](#), [A61C 13/235](#), [A61C 13/28](#) take precedence)}
- 13/245 . . . {Vacuum enhancing devices, e.g. valves}
- 13/25 . . . including valve or air passageway leading from suction area to lingual cavity
- 13/26 . . {Dentures without palates; Partial dentures, e.g. bridges}
- 13/265 . . Sliding or snap attachments {not used, see subgroups}
- 13/2653 . . . {Sliding attachments}
- 13/2656 . . . {Snap attachments}
- 13/267 . . Clasp fastening
- 13/273 . . removably secured to residual teeth by using bolts {or locks}
- 13/275 . . removably secured by using bridging bars or rails between residual teeth

- 2013/2753 . . . {characterised by the shape of the bridging bar}
- 2013/2756 {having a Y-shaped cross-section}
- 13/277 . . Telescopic anchoring {, i.e. using spring biased detents}
- 13/28 . . Fastening by spring action between upper and lower denture
- 13/30 . . Fastening of peg-teeth in the mouth
- 13/34 . . Making or working of models, e.g. preliminary castings, trial dentures; Dowel pins [4]

Tooth-cleaning or mouth-rinsing devices (non-driven toothbrushes [A46B](#); {tongue scrapers [A61B 17/24](#);} preparations for cleaning the teeth or mouth [A61K 8/00](#), [A61Q 11/00](#))

15/00 Devices for cleaning between the teeth

- 15/02 Toothpicks
- 15/04 Dental floss; Floss holders {not used, see subgroups}
- 15/041 {Dental floss (chemical aspects [A61Q 11/00](#))}
- 15/042 {comprising protuberances along its length, e.g. balls or knots}
- 15/043 {Containers, dispensers, or the like, e.g. with cutting means ([A61C 15/046](#) takes precedence)}
- 15/045 {Threading or knotting devices}
- 15/046 {Flossing tools}
- 15/047 {power-driven}
- 15/048 {with heads removable from handle, e.g. interchangeable heads}

17/00 Devices for cleaning, polishing, rinsing or drying teeth, teeth cavities or prostheses (instruments acting like a sandblast machine [A61C 3/025](#); tooth polishing discs or holders therefor [A61C 3/06](#); devices for cleaning between the teeth [A61C 15/00](#)); Saliva removers; Dental appliances for receiving spittle

NOTE

Cleaning of prostheses using ultrasonic techniques similar to those used for natural teeth is classified in this group. Other ultrasonic cleaning of prostheses is classified in group [B08B 3/12](#)

- 17/005 {Devices for dental prophylaxis}
- 17/02 Rinsing or air-blowing devices, e.g. using fluid jets {or comprising liquid medication} ({air and water supply systems in dental machines in general [A61C 1/0061](#); with particulate material supply [A61C 3/025](#);} combined with power-driven cleaning or polishing devices [A61C 17/16](#))
- 17/0202 {Hand-pieces}
- 17/0205 {Container filling apparatus}
- 17/0208 {combined with means providing suction ([A61C 17/0211](#) takes precedence)}
- 17/0211 {specially adapted for rinsing the teeth of at least one jaw simultaneously ([A61C 17/20](#) takes precedence)}
- 17/0214 {adapted to be connected to the main water supply, e.g. using a water tap}
- 17/0217 {having means for manually controlling the supply of two or more fluids, e.g. water and air}
- 17/022 Air-blowing devices {, e.g. with means for heating the air}
- 17/028 with intermittent liquid flow ({[A61C 17/0211](#) takes precedence})

- 17/036 {Cleaning devices for dental prostheses removed from the oral cavity ([using ultrasonics B08B 3/12](#))}
- 17/04 {Spittoons or saliva removers for dental use}
- 17/043 {Aspiration tips (aspiration combined with rinsing or liquid medication [A61C 17/0208](#))}
- 17/046 {characterised by provisions for processing the collected matter, e.g. for separating solids or air (similar devices for medical use [A61M 1/0056](#))}
- 17/14 Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors
- 17/16 Power-driven cleaning or polishing devices
- 17/20 using ultrasonics
- 17/22 with brushes, cushions, cups, or the like ([brush bodies, e.g. arrangements of the bristles A46B](#))
- 17/221 {Control arrangements therefor}
- 17/222 {Brush body details, e.g. the shape thereof or connection to handle}
- 17/224 {Electrical recharging arrangements}
- 17/225 {Handles or details thereof}
- 17/227 {with reservoirs, e.g. for toothpaste}
- 17/228 {Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}
- 17/24 rotating continuously ([A61C 17/40](#) takes precedence)
- 17/26 driven by electric motor
- 17/28 with rinsing means
- 17/30 driven by hydraulic motor, e.g. water motor
- 17/32 reciprocating or oscillating
- 17/34 driven by electric motor
- 17/3409 {characterized by the movement of the brush body}
- 17/3418 {Rotation around the axis of the toothbrush handle}
- 17/3427 {Rotation around the axis perpendicular to the axis of toothbrush handle and in the plane defined by the bristle holder}
- 17/3436 {Rotation around the axis perpendicular to the plane defined by the bristle holder}
- 17/3445 {Translation along the axis of the toothbrush handle}
- 17/3454 {Translation along the axis perpendicular of the axis of toothbrush handle and in the plane defined by the bristle holder}
- 17/3463 {Translation along the axis perpendicular to the plane defined by the bristle holder}
- 17/3472 {with combined movements of the brush body}
- 17/3481 {Vibrating brush body, e.g. by using eccentric weights}
- 17/349 {with multiple brush bodies}
- 17/36 with rinsing means
- 17/38 driven by hydraulic motor, e.g. water motor
- 17/40 orbiting, e.g. nutating

19/00 Dental auxiliary appliances (dental chairs or accessories therefor, working stands whether or not combined with chairs [A61G 15/00](#))

A61C

- | | | | |
|--------|---|----------|---|
| 19/001 | • {Holders for absorbent pads (absorbent pads per se A61F 13/00)} | 2204/002 | • using batteries |
| 19/002 | • {Cleaning devices specially adapted for dental instruments (disinfecting A61L 2/00 ; cleaning in general B08B)} | 2204/005 | • using chip tag or any electronic identification mean, e.g. RFID |
| 19/003 | • {Apparatus for curing resins by radiation} | 2204/007 | • using wear indicators |
| 19/004 | • . {Hand-held apparatus, e.g. guns} | | |
| 19/005 | • {Devices for the manual mixing of small quantities of materials, e.g. trays for mixing dental porcelain} | | |

WARNING

Group [A61C 19/005](#) is impacted by reclassification into group [A61C 5/60](#).

Groups [A61C 19/005](#) and [A61C 5/60](#) should be considered in order to perform a complete search.

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|--------|--|
| 19/006 | • {Finger- or hand-supported dental trays} |
| 19/007 | • {Dust removing devices on working places in dental laboratories, e.g. working by suction (preventing escape of dirt B08B 15/00)} |
| 19/008 | • {Devices for displaying or storing lost natural teeth, e.g. boxes} |
| 19/02 | • Protective casings, e.g. boxes for instruments; Bags (A61C 5/44 takes precedence)} |
| 19/04 | • Measuring instruments specially adapted for dentistry (A61C 5/44 takes precedence ; testing vitality of teeth A61B 5/0534 ; radiation diagnosis A61B 6/00) |
| 19/041 | • . {for measuring the length of the root canal of a tooth} |
| 19/042 | • . {for determining the position of a root apex} |
| 19/043 | • . {Depth measuring of periodontal pockets; Probes therefor} |
| 19/045 | • . for recording mandibular movement, e.g. face bows |
| 19/05 | • . for determining occlusion |
| 19/052 | • . . {with tracing appliances} |
| 19/055 | • . Paralleling devices |
| 19/06 | • Implements for therapeutic treatment (radiation therapy A61N 5/00) |
| 19/063 | • . {Medicament applicators for teeth or gums, e.g. treatment with fluorides} |
| 19/066 | • . . {Bleaching devices; Whitening agent applicators for teeth, e.g. trays or strips} |
| 19/08 | • . combined with anaesthetising implements (dental hypodermic syringes A61M 5/00) |
| 19/10 | • Supports for artificial teeth for transport or for comparison of the colour |

2201/00 Material properties

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|----------|---|
| 2201/002 | • using colour effect, e.g. for identification purposes |
| 2201/005 | • using radio-opaque means |
| 2201/007 | • using shape memory effect |

Dental surgery

2202/00 Packaging for dental appliances

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|---------|--|
| 2202/01 | • Packaging for light-curable material |
| 2202/02 | • Packaging for volatile material |

2203/00 Means for making patients feel at ease during dental treatment, e.g. dental instruments in the form of toys

2204/00 Features not otherwise provided for