

# 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](#))

##### WARNINGS

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

<a href="#">A61C 7/24</a>	covered by	<a href="#">A61C 7/20</a>
<a href="#">A61C 7/26</a>	covered by	<a href="#">A61C 7/20</a>
<a href="#">A61C 7/32</a>	covered by	<a href="#">A61C 7/28</a>
<a href="#">A61C 8/02</a>	covered by	<a href="#">A61C 8/0004</a>
<a href="#">A61C 11/04</a>	covered by	<a href="#">A61C 11/00</a>
<a href="#">A61C 13/003</a>	covered by	<a href="#">A61C 13/26</a>
<a href="#">A61C 13/007</a>	covered by	<a href="#">A61C 13/01</a>
<a href="#">A61C 13/03</a>	covered by	<a href="#">A61C 13/01</a>
<a href="#">A61C 13/07</a>	covered by	<a href="#">A61C 13/0025</a>
<a href="#">A61C 13/093</a>	covered by	<a href="#">A61C 13/1006</a>
<a href="#">A61C 13/103</a>	covered by	<a href="#">A61C 13/1009</a>
<a href="#">A61C 13/105</a>	covered by	<a href="#">A61C 13/1009</a>
<a href="#">A61C 13/107</a>	covered by	<a href="#">A61C 13/0001</a>
<a href="#">A61C 13/113</a>	covered by	<a href="#">A61C 13/0001</a>
<a href="#">A61C 13/15</a>	covered by	<a href="#">A61C 19/003</a>
<a href="#">A61C 13/23</a>	covered by	<a href="#">A61C 13/0025</a>
<a href="#">A61C 13/263</a>	covered by	<a href="#">A61C 13/225</a>
<a href="#">A61C 13/271</a>	covered by	<a href="#">A61C 13/26</a>
<a href="#">A61C 13/32</a>	covered by	<a href="#">A61C 13/225</a>
<a href="#">A61C 13/36</a>	covered by	<a href="#">A61C 13/1016</a>
<a href="#">A61C 13/38</a>	covered by	<a href="#">A61C 13/12</a>

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

##### 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}	5/44	. . Means for controlling working depth, e.g. supports or boxes with depth-gauging means, stop positioners or files with adjustably-mounted handles
1/088	. . {Illuminating devices or attachments (for examination of the mouth <a href="#">A61B 1/24</a> and <a href="#">A61B 1/06</a> )}	5/46	. . Nerve extractors, e.g. needles; Means for removing broken parts of endodontic instruments
1/10	. . Straight hand-pieces	5/48	. . Means for preventing loss of endodontic instruments during treatment
1/12	. . Angle hand-pieces	5/50	. . Implements for filling root canals; Methods or instruments for medication of tooth nerve channels
1/14	. . Tool-holders {, i.e. operating tool holders, e.g. burr holders}	5/55	. . with heating means, e.g. for heating gutta percha
1/141	. . . {in an angled handpiece}	5/60	. . Devices specially adapted for pressing or mixing capping or filling materials, e.g. amalgam presses
1/142	. . . {Operating tool blocking means}	5/62	. . Applicators, e.g. syringes or guns
1/144	. . . . {constricting the operating tool, e.g. chuck}	5/64	. . . for multi-component compositions
1/145	. . . {Instruments or accessories for tool holders}	5/66	. . Capsules for filling material
1/147	. . . {in a straight handpiece}	5/68	. . Mixing dental material components for immediate application to a site to be restored, e.g. a tooth cavity
1/148	. . . {Non-rotating tool holders, e.g. vibrating, oscillating, nutating}	5/70	. . Tooth crowns; Making thereof
1/16	. . Protecting caps for hand-pieces or angle-pieces	5/73	. . Composite crowns
1/18	. . Flexible shafts; Clutches or the like; {Bearings or lubricating arrangements; Drives or transmissions}(flexible shafts in general <a href="#">F16C</a> ; clutches in general <a href="#">F16D</a> )	5/77	. . Methods or devices for making crowns
1/181	. . . {Bearings or lubricating arrangements, e.g. air-cushion bearings}	5/80	. . Dental aids fixed to teeth during treatment, e.g. tooth clamps
1/183	. . . . {Jewel bearings}	5/82	. . Dams; Holders or clamps therefor
1/185	. . . {Drives or transmissions}	5/85	. . Filling bands, e.g. matrix bands; Manipulating tools therefor
1/186	. . . . {with torque adjusting or limiting means}	5/88	. . Wedges
1/188	. . . {Means for allowing non driven rotation of the tool relative to the handle, e.g. toolswivel}	5/90	. . Oral protectors for use during treatment, e.g. lip or mouth protectors ( <a href="#">A61C 5/82</a> takes precedence)
<b>3/00</b>	<b>Dental tools or instruments (implanting tools <a href="#">A61C 8/00</a>; tools for fastening artificial teeth <a href="#">A61C 13/12</a>; visual inspection devices, e.g. dental mirrors, <a href="#">A61B 1/24</a>)</b>	<b>7/00</b>	<b>Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions</b>
3/005	. {Brushes for applying dental compositions}	7/002	. {Orthodontic computer assisted systems}
3/02	. Tooth drilling or cutting instruments; Instruments acting like a sandblast machine	2007/004	. . {Automatic construction of a set of axes for a tooth or a plurality of teeth}
3/025	. . Instruments acting like a sandblast machine, e.g. for cleaning, polishing or cutting teeth	7/006	. {using magnetic force}
3/03	. . Instruments operated by vibration	7/008	. {using vibrating means}
3/04	. Supports for holding tooth drills in order of use	7/02	. Tools for manipulating or working with an orthodontic appliance {(tools for placement of brackets <a href="#">A61C 7/146</a> ; instruments for attaching elastic bands <a href="#">A61C 7/306</a> )}
3/06	. Tooth grinding or polishing discs; Holders therefor {(prophylactic cups <a href="#">A61C 17/005</a> )}	7/023	. . {for debonding or removing orthodontic devices}
3/08	. Tooth pluggers or hammers	7/026	. . {for twisting orthodontic ligature wires}
3/10	. Tooth pincettes or the like	7/04	. . plier-type, {e.g. pincers}
3/12	. Tooth saws	7/06	. Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension
3/14	. Dentists' forceps or the like for extracting teeth	7/065	. . {with a chin cup}
3/16	. Dentists' forceps {or clamps} for removing crowns	7/08	. Mouthpiece-type retainers {or positioners, e.g. for both the lower and upper arch (arch-shaped medicament applicators for teeth or gums <a href="#">A61C 19/063</a> ; mouthguards for protecting the teeth of sportsmen <a href="#">A63B 71/085</a> )}
3/162	. . {acting by leverage}	7/10	. . Devices having means to apply outwardly directed force, e.g. expanders
3/164	. . {acting by percussion}	7/12	. . Brackets; Arch wires; Combinations thereof; Accessories therefor
3/166	. . {acting by vibration}	7/125	. . {Mouth tissue protecting means, e.g. bracket caps}
3/168	. . {with wires}	7/14	. . Brackets ( <a href="#">A61C 7/28</a> takes precedence); Fixing brackets to teeth
<b>5/00</b>	<b>Filling or capping teeth</b>		
5/007	. {Dental splints; teeth or jaw immobilisation devices; stabilizing retainers bonded to teeth after orthodontic treatments}		
5/20	. Repairing attrition damage, e.g. facets		
5/30	. Securing inlays, onlays or crowns		
5/35	. . Pins; Mounting tools or dispensers therefor		
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		

- 7/141 . . . {Brackets with reinforcing structure, e.g. inserts}
- 7/143 . . . {Brackets with two or more recesses for arch wires}
- 7/145 . . . {Lingual brackets}
- 7/146 . . . {Positioning or placement of brackets; Tools therefor}
- 7/148 . . . {with occlusal or gingival archwire slot opening ([A61C 7/145 takes precedence](#))}
- 7/16 . . . specially adapted to be cemented to teeth
- 7/18 . . . specially adapted to be fixed to teeth with a band; Bands therefor
- 7/20 . . Arch wires ([A61C 7/28 takes precedence](#))
- 7/22 . . . Tension adjusting means
- 7/28 . . Securing arch wire to bracket
- 7/282 . . . {Buccal tubes}
- 7/285 . . . {Locking by rotation}
- 7/287 . . . {Sliding locks}
- 7/30 . . . by resilient means; {Dispensers therefor}
- 7/303 . . . . {Elastic bands}
- 7/306 . . . . . {Dispensers or attachment instruments therefor}
- 7/34 . . . using lock pins
- 7/36 . Devices acting between upper and lower teeth
- 8/00 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](#))**
- 8/0001 . {Impression means for implants, e.g. impression coping}
- 8/0003 . {Not used, see subgroups}
- 8/0004 . . {Consolidating natural teeth}
- 8/0006 . . . {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants [A61F 2/2846](#))}
- 8/0007 . . . . {Stimulation of growth around implant by electrical means}
- 8/0009 . . {Consolidating prostheses or implants, e.g. by means of stabilising pins ([A61C 8/0031 takes precedence](#))}
- 8/001 . {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}
- 8/0012 . {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy ([use of specific materials \[A61K 6/00\]\(#\)](#))}
- 8/0013 . . {with a surface layer, coating}
- 8/0015 . . . {being a conversion layer, e.g. oxide layer}
- 8/0016 . . {polymeric material}
- 8/0018 . {characterised by the shape}
- 8/0019 . . {Blade implants}
- 8/0021 . . . {with self-incising cutting edge}
- 8/0022 . . {Self-screwing ([A61C 8/0028 takes precedence](#))}
- 8/0024 . . . {with self-boring cutting edge}
- 8/0025 . . . {with multiple threads}
- 8/0027 . . {Frames}
- 8/0028 . . {Pins, needles; Head structures therefor ([A61C 8/0004, \[A61C 8/0009 take precedence\]\(#\)](#))}
- 8/003 . . {Transmandibular implants}
- 8/0031 . . {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}
- 8/0033 . . {Expandable implants; Implants with extendable elements}
- 8/0034 . . {Long implant, e.g. zygomatic implant}
- 8/0036 . . {Tooth replica}
- 8/0037 . . {Details of the shape}
- 8/0039 . . . {in the form of hollow cylinder with an open bottom}
- 8/004 . . . {inflatable}
- 8/0042 . . . {consisting of two halves}
- 8/0043 . . . {having more than one root}
- 8/0045 . . . {with a stepped body}
- 2008/0046 . . . {Textured surface, e.g. roughness, microstructure ([A61C 8/0013 takes precedence](#))}
- 8/0048 . {Connecting the upper structure to the implant, e.g. bridging bars ([A61C 8/0028 takes precedence](#))}
- 8/005 . . {Connecting devices for joining an upper structure with an implant member, e.g. spacers}
- 8/0051 . . . {Abutment monobloc with restoration}
- 8/0053 . . . {with angular adjustment means, e.g. ball and socket joint}
- 8/0054 . . . {having a cylindrical implant connecting part}
- 8/0056 . . . {diverging in the apical direction of the implant or abutment}
- 8/0057 . . . {with elastic means}
- 8/0059 . . . {with additional friction enhancing means}
- 8/006 . . . {with polygonal positional means, e.g. hexagonal or octagonal}
- 8/0062 . . . {Catch or snap type connection}
- 8/0063 . . . {with an internal sleeve}
- 8/0065 . . . {with expandable or compressible means}
- 8/0066 . . . {with positioning means ([A61C 8/006 takes precedence](#))}
- 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}
- 8/0075 . . {Implant heads specially designed for receiving an upper structure (if separable from the implant [A61C 8/005](#))}
- 8/0077 . . {with shape following the gingival surface or the bone surface}
- 8/0078 . . {with platform switching, i.e. platform between implant and abutment}
- 8/008 . {Healing caps or the like}
- 8/0081 . {Magnetic dental implant retention systems}
- 8/0083 . {Intra-gingival inserts}
- 2008/0084 . {Provisional implants or abutments}
- 8/0086 . {with shock absorbing means}
- 8/0087 . {Means for sterile storage or manipulation of dental implants}
- 8/0089 . {Implanting tools or instruments}
- 8/009 . . {for selecting the right implanting element, e.g. templates}
- 8/0092 . . {for sinus lifting}
- 8/0093 . {Features of implants not otherwise provided for}
- 8/0095 . . {Total denture implant}
- 8/0096 . . {Implants for use in orthodontic treatment}
- 8/0098 . . {Immediate loaded implants}

**Dental prosthetics; Artificial teeth** (preparations for dentistry  
[A61K 6/00](#))**9/00 Impression cups, [i.e. impression trays];  
Impression methods** {(computer-assisted sizing  
[A61C 13/0004](#); instruments for determining occlusion  
[A61C 19/05](#))}

- 9/0006 . {Impression trays}
- 9/0013 . . {Inflatable trays}
- 9/002 . {Means or methods for correctly replacing a dental model, e.g. dowel pins; Dowel pin positioning means or methods}
- 9/0026 . {Syringes or guns for injecting impression material; Mixing impression material for immediate use}
- 9/0033 . {Gingival retraction appliances}
- 9/004 . {Means or methods for taking digitized impressions}
- 9/0046 . . {Data acquisition means or methods}
- 9/0053 . . . {Optical means or methods, e.g. scanning the teeth by a laser or light beam}
- 9/006 . . . . {projecting one or more stripes or patterns on the teeth}
- 9/0066 . . . . {Depth determination through adaptive focusing}
- 9/0073 . . . . {Interferometric means or methods, e.g. creation of a hologram}
- 9/008 . . . {Mechanical means or methods, e.g. a contact probe moving over the teeth}
- 9/0086 . . . {Acoustic means or methods}
- 9/0093 . . {Workpiece support}

**11/00 Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings**

- 11/001 . {non-pivoting}
- 11/003 . {with height adjustments thereof}
- 11/005 . {with tracing devices}
- 11/006 . {with an occlusal plate}
- 11/008 . {made of wires}
- 11/02 . characterised by the arrangement, location or type of the hinge means {; Articulators with pivots}
- 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}
- 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 6/80](#))}
- 13/0835 . . . {Ceramic coating on metallic body}
- 13/087 . . Artificial resin teeth {([A61C 13/081](#) takes precedence; preparations [A61K 6/80](#))}
- 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	<ul style="list-style-type: none"> <li>Methods or devices for soldering, casting, moulding or melting { (<a href="#">A61C 13/04</a>, <a href="#">A61C 13/081</a> take precedence) }</li> </ul>		in this group. Other ultrasonic cleaning of prostheses is classified in group <a href="#">B08B 3/12</a>
13/203	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{using microwave energy}</li> </ul> </li> </ul>	17/005	<ul style="list-style-type: none"> <li>{Devices for dental prophylaxis}</li> </ul>
13/206	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Injection moulding}</li> </ul> </li> </ul>	17/02	<ul style="list-style-type: none"> <li>Rinsing or air-blowing devices, e.g. using fluid jets {or comprising liquid medication} (combined with receptacles for spittle <a href="#">A61C 17/14</a>; combined with power-driven cleaning or polishing devices <a href="#">A61C 17/16</a>)</li> </ul>
13/225	<ul style="list-style-type: none"> <li>Fastening prostheses in the mouth (securing tooth crowns in capping teeth <a href="#">A61C 5/30</a>)</li> </ul>		
13/2255	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Frames for partial dentures; Lingual bars}</li> </ul> </li> </ul>	17/0202	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Hand-pieces}</li> </ul> </li> </ul>
13/235	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Magnetic fastening ( {<a href="#">A61C 8/0081</a> takes precedence}; magnetic implants <a href="#">A61C 8/00</a>)</li> </ul> </li> </ul>	17/0205	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Container filling apparatus}</li> </ul> </li> </ul>
13/24	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Fastening by suction {, i.e. total dentures (<a href="#">A61C 8/00</a>, <a href="#">A61C 13/235</a>, <a href="#">A61C 13/28</a> take precedence)}</li> </ul> </li> </ul>	17/0208	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{combined with means providing suction (<a href="#">A61C 17/0211</a> takes precedence)}</li> </ul> </li> </ul>
13/245	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Vacuum enhancing devices, e.g. valves}</li> </ul> </li> </ul> </li> </ul>	17/0211	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{specially adapted for rinsing the teeth of at least one jaw simultaneously (<a href="#">A61C 17/20</a> takes precedence)}</li> </ul> </li> </ul> </li> </ul>
13/25	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>including valve or air passageway leading from suction area to lingual cavity</li> </ul> </li> </ul> </li> </ul>	17/0217	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{having means for manually controlling the supply of two or more fluids, e.g. water and air}</li> </ul> </li> </ul> </li> </ul>
13/26	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Dentures without palates; Partial dentures, e.g. bridges}</li> </ul> </li> </ul>	17/022	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Air-blowing devices {, e.g. with means for heating the air}</li> </ul> </li> </ul>
13/265	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Sliding or snap attachments</li> </ul> </li> </ul>	17/024	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with constant liquid flow</li> </ul> </li> </ul>
13/2653	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Sliding attachments}</li> </ul> </li> </ul> </li> </ul>	17/028	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with intermittent liquid flow</li> </ul> </li> </ul>
13/2656	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Snap attachments}</li> </ul> </li> </ul> </li> </ul>	17/032	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>using pressurised tap-water {, e.g. rinsing devices specially adapted for being connected to the main water supply}</li> </ul> </li> </ul>
13/267	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Clasp fastening</li> </ul> </li> </ul>		
13/273	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>removably secured to residual teeth by using bolts {or locks}</li> </ul> </li> </ul>	17/036	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Cleaning devices for dental prostheses removed from the oral cavity}</li> </ul> </li> </ul>
13/275	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>removably secured by using bridging bars or rails between residual teeth</li> </ul> </li> </ul>	17/06	<ul style="list-style-type: none"> <li>Saliva removers; Accessories therefor</li> </ul>
2013/2753	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{characterised by the shape of the bridging bar}</li> </ul> </li> </ul> </li> </ul>	17/065	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{characterised by provisions for processing the collected matter, e.g. for separating solids or air}</li> </ul> </li> </ul>
2013/2756	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{having a Y-shaped cross-section}</li> </ul> </li> </ul> </li> </ul>	17/08	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Aspiration nozzles</li> </ul> </li> </ul>
13/277	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Telescopic anchoring {, i.e. using spring biased detents}</li> </ul> </li> </ul>	17/084	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with light sources}</li> </ul> </li> </ul>
13/28	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Fastening by spring action between upper and lower denture</li> </ul> </li> </ul>	17/088	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with mirrors}</li> </ul> </li> </ul>
13/30	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Fastening of peg-teeth in the mouth</li> </ul> </li> </ul>	17/092	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with tips having features to prevent suction of soft tissues}</li> </ul> </li> </ul>
13/34	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Making or working of models, e.g. preliminary castings, trial dentures; Dowel pins [4]</li> </ul> </li> </ul>	17/096	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Bendable saliva removers}</li> </ul> </li> </ul>
<b>Tooth-cleaning or mouth-rinsing devices</b> (non-driven toothbrushes <a href="#">A46B</a> ; {tongue scrapers <a href="#">A61B 17/24</a> ; } preparations for cleaning the teeth or mouth <a href="#">A61K 8/00</a> , <a href="#">A61Q 11/00</a> )		17/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with mouth props, tongue guards, tongue depressors or cheek spreaders</li> </ul> </li> </ul>
<b>15/00</b>	<b>Devices for cleaning between the teeth</b>	17/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Control devices, e.g. for suction</li> </ul> </li> </ul>
15/02	<ul style="list-style-type: none"> <li>Toothpicks</li> </ul>	17/125	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with backflow prevention, e.g. check valves}</li> </ul> </li> </ul> </li> </ul>
15/04	<ul style="list-style-type: none"> <li>Dental floss; Floss holders</li> </ul>	17/13	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with manually operated valves}</li> </ul> </li> </ul> </li> </ul>
15/041	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Dental floss (chemical aspects <a href="#">A61Q 11/00</a>)}</li> </ul> </li> </ul>	17/135	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with self-cleaning or self-disinfecting means}</li> </ul> </li> </ul> </li> </ul>
15/042	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{comprising protuberances along its length, e.g. balls or knots}</li> </ul> </li> </ul> </li> </ul>	17/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors</li> </ul> </li> </ul>
15/043	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Containers, dispensers, or the like, e.g. with cutting means (<a href="#">A61C 15/046</a> takes precedence)}</li> </ul> </li> </ul> </li> </ul>	17/16	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Power-driven cleaning or polishing devices</li> </ul> </li> </ul>
15/045	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Threading or knotting devices}</li> </ul> </li> </ul>	17/18	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Chiselling scalers (<a href="#">A61C 17/20</a> takes precedence)</li> </ul> </li> </ul>
15/046	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Flossing tools}</li> </ul> </li> </ul>	17/20	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>using ultrasonics</li> </ul> </li> </ul>
15/047	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{power-driven}</li> </ul> </li> </ul> </li> </ul>	17/22	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles <a href="#">A46B</a>)</li> </ul> </li> </ul> </li> </ul>
15/048	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with heads removable from handle, e.g. interchangeable heads}</li> </ul> </li> </ul> </li> </ul>	17/221	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Control arrangements therefor}</li> </ul> </li> </ul> </li> </ul>
<b>17/00</b>	<b>Devices for cleaning, polishing, rinsing or drying teeth, teeth cavities or prostheses</b> (instruments acting like a sandblast machine <a href="#">A61C 3/025</a> ; tooth polishing discs or holders therefor <a href="#">A61C 3/06</a> ; devices for cleaning between the teeth <a href="#">A61C 15/00</a> ); <b>Saliva removers; Dental appliances for receiving spittle</b>	17/222	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Brush body details, e.g. the shape thereof or connection to handle}</li> </ul> </li> </ul> </li> </ul>
<b>NOTE</b>		17/224	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Electrical recharging arrangements}</li> </ul> </li> </ul> </li> </ul>
Cleaning of prostheses using ultrasonic techniques similar to those used for natural teeth is classified		17/225	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Handles or details thereof}</li> </ul> </li> </ul> </li> </ul>
		17/227	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with reservoirs, e.g. for toothpaste}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
		17/228	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}</li> </ul> </li> </ul> </li> </ul> </li> </ul>
		17/24	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>rotating continuously (<a href="#">A61C 17/40</a> takes precedence)</li> </ul> </li> </ul> </li> </ul>
		17/26	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>driven by electric motor</li> </ul> </li> </ul> </li> </ul> </li> </ul>
		17/28	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with rinsing means</li> </ul> </li> </ul> </li> </ul> </li> </ul>
		17/30	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>driven by hydraulic motor, e.g. water motor</li> </ul> </li> </ul> </li> </ul> </li> </ul>
		17/32	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>reciprocating or oscillating</li> </ul> </li> </ul> </li> </ul>

- 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

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- 19/00 Dental auxiliary appliances** (dental chairs or accessories therefor, working stands whether or not combined with chairs [A61G 15/00](#))
- 19/001 . {Holders for absorbent pads (absorbent pads [per se](#) [A61F 13/00](#))}
  - 19/002 . {Cleaning devices specially adapted for dental instruments (disinfecting [A61L 2/00](#); cleaning in general [B08B](#))}
  - 19/003 . {Apparatus for curing resins by radiation}
  - 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}
  - 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**

- 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**

- 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**

- 2204/002 . using batteries
- 2204/005 . using chip tag or any electronic identification mean, e.g. RFID
- 2204/007 . using wear indicators