

# 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}
- 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
- WARNING**
- Group [A61C 3/03](#) is impacted by reclassification into groups [A61C 17/18](#) and [A61C 17/20](#).
- Groups [A61C 3/03](#), [A61C 17/18](#) and [A61C 17/20](#) should be considered in order to perform a complete search.
- 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**
- 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
- 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 . Devices specially adapted for pressing or mixing capping or filling materials, e.g. amalgam presses
- 5/62 . . Applicators, e.g. syringes or guns
- 5/64 . . . for multi-component compositions
- 5/66 . . Capsules for filling material
- 5/68 . . Mixing dental material components for immediate application to a site to be restored, e.g. a tooth cavity
- 5/70 . Tooth crowns; Making thereof
- 5/73 . . Composite crowns
- 5/77 . . Methods or devices for making crowns
- 5/80 . Dental aids fixed to teeth during treatment, e.g. tooth clamps
- 5/82 . . Dams; Holders or clamps therefor
- 5/85 . . Filling bands, e.g. matrix bands; Manipulating tools therefor
- 5/88 . . Wedges
- 5/90 . Oral protectors for use during treatment, e.g. lip or mouth protectors ([A61C 5/82](#) takes precedence)
- 7/00 Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
- 7/002 . {Orthodontic computer assisted systems}
- 2007/004 . . {Automatic construction of a set of axes for a tooth or a plurality of teeth}
- 7/006 . {using magnetic force}
- 7/008 . {using vibrating means}
- 7/02 . 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 . . {for debonding or removing orthodontic devices}
- 7/026 . . {for twisting orthodontic ligature wires}
- 7/04 . . plier-type, {e.g. pincers}
- 7/06 . Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension
- 7/065 . . {with a chin cup}
- 7/08 . 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 \[A63B 71/085\]\(#\)](#))}

7/10	. Devices having means to apply outwardly directed force, e.g. expanders	8/0025	. . . {with multiple threads}
7/12	. Brackets; Arch wires; Combinations thereof; Accessories therefor	8/0027	. . {Frames}
7/125	. . {Mouth tissue protecting means, e.g. bracket caps}	8/0028	. . {Pins, needles; Head structures therefor (A61C 8/0004, A61C 8/0009 take precedence)}
7/14	. . Brackets (A61C 7/28 takes precedence); Fixing brackets to teeth	8/003	. . {Transmandibular implants}
7/141	. . . {Brackets with reinforcing structure, e.g. inserts}	8/0031	. . {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}
7/143	. . . {Brackets with two or more recesses for arch wires}	8/0033	. . {Expandable implants; Implants with extendable elements}
7/145	. . . {Lingual brackets}	8/0034	. . {Long implant, e.g. zygomatic implant}
7/146	. . . {Positioning or placement of brackets; Tools therefor}	8/0036	. . {Tooth replica}
7/148	. . . {with occlusal or gingival archwire slot opening (A61C 7/145 takes precedence)}	8/0037	. . {Details of the shape}
7/16	. . . specially adapted to be cemented to teeth	8/0039	. . . {in the form of hollow cylinder with an open bottom}
7/18	. . . specially adapted to be fixed to teeth with a band; Bands therefor	8/004	. . . {inflatable}
7/20	. . Arch wires (A61C 7/28 takes precedence)	8/0042	. . . {consisting of two halves}
7/22	. . . Tension adjusting means	8/0043	. . . {having more than one root}
7/28	. . Securing arch wire to bracket	8/0045	. . . {with a stepped body}
7/282	. . . {Buccal tubes}	2008/0046	. . . {Textured surface, e.g. roughness, microstructure (A61C 8/0013 takes precedence)}
7/285	. . . {Locking by rotation}	8/0048	. {Connecting the upper structure to the implant, e.g. bridging bars (A61C 8/0028 takes precedence)}
7/287	. . . {Sliding locks}	8/005	. . {Connecting devices for joining an upper structure with an implant member, e.g. spacers}
7/30	. . . by resilient means; {Dispensers therefor}	8/0051	. . . {Abutment monobloc with restoration}
7/303	. . . . {Elastic bands}	8/0053	. . . {with angular adjustment means, e.g. ball and socket joint}
7/306	. . . . . {Dispensers or attachment instruments therefor}	8/0054	. . . {having a cylindrical implant connecting part}
7/34	. . . using lock pins	8/0056	. . . {diverging in the apical direction of the implant or abutment}
7/36	. Devices acting between upper and lower teeth	8/0057	. . . {with elastic means}
8/00	<b>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)</b>	8/0059	. . . {with additional friction enhancing means}
8/0001	. {Impression means for implants, e.g. impression coping}	8/006	. . . {with polygonal positional means, e.g. hexagonal or octagonal}
8/0003	. {Not used, see subgroups}	8/0062	. . . {Catch or snap type connection}
8/0004	. . {Consolidating natural teeth}	8/0063	. . . {with an internal sleeve}
8/0006	. . . {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants A61F 2/2846)}	8/0065	. . . {with expandable or compressible means}
8/0007	. . . . {Stimulation of growth around implant by electrical means}	8/0066	. . . {with positioning means (A61C 8/006 takes precedence)}
8/0009	. . {Consolidating prostheses or implants, e.g. by means of stabilising pins (A61C 8/0031 takes precedence)}	8/0068	. . . {with an additional screw}
8/001	. {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}	8/0069	. . . {tapered or conical connection}
8/0012	. {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials A61K 6/00)}	8/0071	. . . . {with a self-locking taper, e.g. morse taper}
8/0013	. . {with a surface layer, coating}	8/0072	. . . . {including male and female conical parts with different angles}
8/0015	. . . {being a conversion layer, e.g. oxide layer}	8/0074	. . . {with external threads}
8/0016	. . {polymeric material}	8/0075	. {Implant heads specially designed for receiving an upper structure (if separable from the implant A61C 8/005)}
8/0018	. {characterised by the shape}	8/0077	. . {with shape following the gingival surface or the bone surface}
8/0019	. . {Blade implants}	8/0078	. . {with platform switching, i.e. platform between implant and abutment}
8/0021	. . . {with self-incising cutting edge}	8/008	. {Healing caps or the like}
8/0022	. . {Self-screwing (A61C 8/0028 takes precedence)}	8/0081	. {Magnetic dental implant retention systems}
8/0024	. . . {with self-boring cutting edge}	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 . 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](#))
- 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
- 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
- 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} (combined with receptacles for spittle [A61C 17/14](#); combined with power-driven cleaning or polishing devices [A61C 17/16](#))

#### **WARNING**

Group [A61C 17/02](#) is impacted by reclassification into groups [A61C 17/024](#) and [A61C 17/14](#).

Groups [A61C 17/02](#), [A61C 17/024](#) and [A61C 17/14](#) should be considered in order to perform a complete search.

- 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)}

#### **WARNING**

Group [A61C 17/0211](#) is impacted by reclassification into groups [A61C 17/0211](#) and [A61C 17/028](#).

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

- 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}
- 17/024 . . with constant liquid flow

#### **WARNING**

Group [A61C 17/024](#) is incomplete pending reclassification of documents from group [A61C 17/02](#).

Groups [A61C 17/02](#) and [A61C 17/024](#) should be considered in order to perform a complete search.

- 17/028 . . with intermittent liquid flow
- WARNING**
- Group [A61C 17/028](#) is incomplete pending reclassification of documents from group [A61C 17/0211](#).
- Groups [A61C 17/0211](#) and [A61C 17/028](#) should be considered in order to perform a complete search.
- 17/032 . . using pressurised tap-water {, e.g. rinsing devices specially adapted for being connected to the main water supply}
- 17/036 . {Cleaning devices for dental prostheses removed from the oral cavity}
- 17/04 . {Spittoons or saliva removers for dental use}
- (Frozen)
- WARNING**
- Group [A61C 17/04](#) is no longer used for the classification of documents as of May 1, 2019.
- The content of this group is being reclassified into groups [A61C 17/06](#), [A61C 17/084](#), [A61C 17/088](#), [A61C 17/092](#), [A61C 17/096](#), [A61C 17/10](#), [A61C 17/12](#), [A61C 17/125](#), [A61C 17/13](#), [A61C 17/135](#) and [A61C 17/14](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 17/06 . Saliva removers; Accessories therefor
- WARNING**
- Groups [A61C 17/06](#), [A61C 17/084](#), [A61C 17/088](#), [A61C 17/092](#), [A61C 17/096](#), [A61C 17/10](#), [A61C 17/12](#), [A61C 17/125](#), [A61C 17/13](#) and [A61C 17/135](#) are incomplete pending reclassification of documents from group [A61C 17/04](#).
- These groups should be considered in order to perform a complete search.
- 17/065 . . {characterised by provisions for processing the collected matter, e.g. for separating solids or air}
- 17/08 . . Aspiration nozzles
- 17/084 . . {with light sources}
- 17/088 . . {with mirrors}
- 17/092 . . {with tips having features to prevent suction of soft tissues}
- 17/096 . . {Bendable saliva removers}
- 17/10 . . with mouth props, tongue guards, tongue depressors or cheek spreaders
- 17/12 . . Control devices, e.g. for suction
- 17/125 . . . {with backflow prevention, e.g. check valves}
- 17/13 . . . {with manually operated valves}
- 17/135 . . . {with self-cleaning or self-disinfecting means}
- 17/14 . Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors
- WARNING**
- Group [A61C 17/14](#) is incomplete pending reclassification of documents from groups [A61C 17/02](#) and [A61C 17/04](#).
- Groups [A61C 17/14](#), [A61C 17/02](#), and [A61C 17/04](#) should be considered in order to perform a complete search.
- 17/16 . Power-driven cleaning or polishing devices
- 17/18 . . Chiselling scalers ([A61C 17/20](#) takes precedence)
- WARNING**
- Group [A61C 17/18](#) is incomplete pending reclassification of documents from group [A61C 3/03](#).
- Groups [A61C 3/03](#) and [A61C 17/18](#) should be considered in order to perform a complete search.
- 17/20 . . using ultrasonics
- WARNING**
- Group [A61C 17/20](#) is incomplete pending reclassification of documents from group [A61C 3/03](#).
- Groups [A61C 3/03](#) and [A61C 17/20](#) should be considered in order to perform a complete search.
- 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

- 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

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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**