

**CPC****COOPERATIVE PATENT CLASSIFICATION****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 used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

<a href="#">A61C 5/09</a>	covered by	<a href="#">A61C 5/08</a>
<a href="#">A61C 5/11</a>	covered by	<a href="#">A61C 5/08</a>
<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>
<a href="#">A61C 17/024</a>	covered by	<a href="#">A61C 17/02</a>
<a href="#">A61C 17/032</a>	covered by	<a href="#">A61C 17/02</a>
<a href="#">A61C 17/06</a>	covered by	<a href="#">A61C 17/00</a>
<a href="#">A61C 17/08</a>	covered by	<a href="#">A61C 17/00</a>
<a href="#">A61C 17/10</a>	covered by	<a href="#">A61C 17/00</a>
<a href="#">A61C 17/12</a>	covered by	<a href="#">A61C 17/00</a>
<a href="#">A61C 17/18</a>	covered by	<a href="#">A61C 17/16</a>

**Dental surgery****A61C 1/00****Dental machines for boring or cutting; { General features of dental machines or apparatus, e.g. hand-piece design}**

- A61C 1/0007 . {Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus [A61C 1/0069](#))}
- A61C 1/0015 .. {Electrical systems}
- A61C 1/0023 ... {Foot control}
- A61C 1/003 ... {Control of rotation of instrument}
- A61C 1/0038 .. {Pneumatic systems}
- A61C 1/0046 . {Dental lasers (surgical lasers [A61B 18/20](#); working by laser beam in general [B23K 26/00](#); lasers per se [H01S 3/00](#))}
- A61C 1/0053 . {Portable units}
- A61C 1/0061 . {Air and water supply systems; Valves specially adapted therefor ([A61C 1/052](#) takes precedence; rinsing or air-blowing devices [A61C 17/02](#))}
- A61C 1/0069 .. {Fluid temperature control}
- A61C 1/0076 .. {Sterilising operating fluids or fluid supply elements such as supply lines, filters (sterilisation of liquid substances in general [A61L 2/18](#))}
- A61C 1/0084 .. {Supply units, e.g. reservoir arrangements, specially adapted pumps}
- A61C 1/0092 ... {Pumps specially adapted therefor}
- A61C 1/02 . characterised by the drive of the dental tools
- A61C 1/04 .. with treadle or manual drive
- A61C 1/05 .. with turbine drive
- A61C 1/052 ... {Ducts for supplying driving or cooling fluid, e.g. air, water}
- A61C 1/055 .... {through the working tool, e.g. hollow burr}
- A61C 1/057 ... {with means for preventing suction effect in turbine after deactivation of the drive air}
- A61C 1/06 .. with electric drive
- A61C 1/07 .. with vibratory drive, e.g. ultrasonic
- A61C 1/08 . Machine parts specially adapted for dentistry
- A61C 1/081 .. {Pain-alleviating features}
- A61C 1/082 .. {Positioning or guiding, e.g. of drills}
- A61C 1/084 ... {of implanting tools}
- A61C 1/085 ... {for multiple drills, for simultaneous drilling}
- A61C 1/087 .. {Supplying powder or medicines}
- A61C 1/088 .. {Illuminating devices or attachments (for examination of the mouth [A61B 1/24](#))}
- A61C 1/10 .. Straight hand-pieces
- A61C 1/12 .. Angle hand-pieces
- A61C 1/14 .. Tool-holders, {i.e. operating tool holders, e.g. burr holders}
- A61C 1/141 ... {in an angled handpiece}
- A61C 1/142 ... {Operating tool blocking means}

- A61C 1/144 . . . . {constricting the operating tool, e.g. chuck}
- A61C 1/145 . . . {Instruments or accessories for tool holders}
- A61C 1/147 . . . {in a straight handpiece}
- A61C 1/148 . . . {Non-rotating tool holders, e.g. vibrating, oscillating, nutating}
- A61C 1/16 . . Protecting caps for hand-pieces or angle-pieces
- A61C 1/18 . . Flexible shafts; Clutches or the like; {Bearings or lubricating arrangements; Drives or transmissions} (flexible shafts in general [F16C](#); clutches in general [F16D](#))
- A61C 1/181 . . . {Bearings or lubricating arrangements, e.g. air-cushion bearings}
- A61C 1/183 . . . . {Jewel bearings}
- A61C 1/185 . . . {Drives or transmissions}
- A61C 1/186 . . . . {with torque adjusting or limiting means}
- A61C 1/188 . . . {Means for allowing non driven rotation of the tool relative to the handle, e.g. toolswivel}

**A61C 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](#))

- A61C 3/005 . {Brushes for applying dental compositions}
- A61C 3/02 . Tooth drilling or cutting instruments; Instruments acting like a sandblast machine
- A61C 3/025 . . Instruments acting like a sandblast machine, e.g. for cleaning, polishing or cutting teeth
- A61C 3/03 . . Instruments operated by vibration
- A61C 3/04 . Supports for holding tooth drills in order of use
- A61C 3/06 . Tooth grinding or polishing discs; Holders therefor {(prophylactic cups [A61C 17/005](#))}
- A61C 3/08 . Tooth pluggers or hammers
- A61C 3/10 . Tooth pincettes or the like
- A61C 3/12 . Tooth saws
- A61C 3/14 . Dentists` forceps or the like for extracting teeth
- A61C 3/16 . Dentists` forceps {or clamps} for removing crowns
- A61C 3/162 . . {acting by leverage}
- A61C 3/164 . . {acting by percussion}
- A61C 3/166 . . {acting by vibration}
- A61C 3/168 . . {with wires}

**A61C 5/00**

**Filling or capping teeth**

- A61C 5/002 . {Facets}
- A61C 5/005 . {Dental anchoring pins; Mounting tools or dispensers therefor ([A61C 13/30](#) takes precedence)}
- A61C 5/007 . {Dental splints; teeth or jaw immobilisation devices; stabilizing retainers bonded to teeth after orthodontic treatments}
- A61C 5/02 . Implements for surgical treatment of the roots or nerves of the teeth; Nerve needles; Methods or instruments for medication of the roots (substances for chemical treatment [A61K 6/00](#))

- A61C 5/021 .. {Not used, see subgroups}
- A61C 5/023 ... {Root canal files; Handgrips or guiding means therefor ([A61C 1/082](#), [A61C 5/025](#), [A61C 19/02](#) take precedence)}
- A61C 5/025 ... {Depth control, e.g. for files; Supports or boxes with depth gauging means; Stop positioners; Instruments adjustably mounted in handle portion}
- A61C 5/026 ... {Nerve extractors, e.g. needles; Removing broken parts of endodontic instruments}
- A61C 5/028 ... {Means preventing loss of endodontic instruments}
- A61C 5/04 . Implements for filling natural teeth; Methods or instruments for medication of tooth nerve channels ({[rinsing tooth nerve channels A61C 17/02](#)}; composition of the fillings [A61K 6/02](#))
- A61C 5/045 .. {with heating means, e.g. for heating gutta percha or filling}
- A61C 5/06 . Amalgam presses or mixers ({[A61C 19/005](#) takes precedence})
- A61C 5/062 .. {Dental composition applicators, e.g. syringes, guns ([A61C 9/0026](#) takes precedence)}
- A61C 5/064 ... {Multi-component applicators}
- A61C 5/066 .. {Amalgam capsules}
- A61C 5/068 .. {Dental composition mixers, e.g. amalgators, capsule holders}
- A61C 5/08 . Tooth crowns; Making same; Securing crowns in the mouth ([dental implants A61C 8/00](#))
- A61C 5/10 .. Methods or devices for making crowns ({[A61C 13/0004](#) takes precedence})
- A61C 5/12 . Tooth clamps; Dam holders; {Dental aids fixed to the teeth during treatment}
- A61C 5/122 .. {Dental dams; Holders or clamps therefor}
- A61C 5/125 .. {Dental filling bands, e.g. matrix bands; Manipulating tools therefor}
- A61C 5/127 .. {Dental wedges}
- A61C 5/14 . Lip or mouth protectors
  
- A61C 7/00** **Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
- A61C 7/002 . {Orthodontic computer assisted systems}
- A61C 2007/004 .. {Automatic construction of a set of axes for a tooth or a plurality of teeth}
- A61C 7/006 . {using magnetic force}
- A61C 7/008 . {using vibrating means}
- A61C 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](#)})
- A61C 7/023 .. {for debonding or removing orthodontic devices}
- A61C 7/026 .. {for twisting orthodontic ligature wires}
- A61C 7/04 .. plier-type, {e.g. pincers}
- A61C 7/06 . Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension
- A61C 7/065 .. {with a chin cup}

- A61C 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](#))}
- A61C 7/10
  - . Devices having means to apply outwardly directed force, e.g. expanders
- A61C 7/12
  - . Brackets; Arch wires; Combinations thereof; Accessories therefor
- A61C 7/125
  - .. {Mouth tissue protecting means, e.g. bracket caps}
- A61C 7/14
  - .. Brackets ([A61C 7/28](#) takes precedence); Fixing brackets to teeth
- A61C 7/141
  - ... {Brackets with reinforcing structure, e.g. inserts}
- A61C 7/143
  - ... {Brackets with two or more recesses for arch wires}
- A61C 7/145
  - ... {Lingual brackets}
- A61C 7/146
  - ... {Positioning or placement of brackets; Tools therefor}
- A61C 7/148
  - ... {with occlusal or gingival archwire slot opening ([A61C 7/145](#) takes precedence)}
- A61C 7/16
  - ... specially adapted to be cemented to teeth
- A61C 7/18
  - ... specially adapted to be fixed to teeth with a band; Bands therefor
- A61C 7/20
  - .. Arch wires ([A61C 7/28](#) takes precedence)
- A61C 7/22
  - ... Tension adjusting means
- A61C 7/28
  - .. Securing arch wire to bracket
- A61C 7/282
  - ... {Buccal tubes}
- A61C 7/285
  - ... {Locking by rotation}
- A61C 7/287
  - ... {Sliding locks}
- A61C 7/30
  - ... by resilient means; {Dispensers therefor}
- A61C 7/303
  - .... {Elastic bands}
- A61C 7/306
  - ..... {Dispensers or attachment instruments therefor}
- A61C 7/34
  - ... using lock pins
- A61C 7/36
  - . Devices acting between upper and lower teeth
- A61C 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](#))**
- A61C 8/0001
  - . {Impression means for implants, e.g. impression coping}
- A61C 8/0003
  - . {Not used, see subgroups}
- A61C 8/0004
  - .. {Consolidating natural teeth}
- A61C 8/0006
  - ... {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants [A61F 2/2846](#))}
- A61C 8/0007
  - .... {Stimulation of growth around implant by electrical means}
- A61C 8/0009
  - .. {Consolidating prostheses or implants, e.g. by means of stabilising pins ([A61C 8/0031](#) takes precedence)}
- A61C 8/001
  - . {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}
- A61C 8/0012
  - . {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials [A61K 6/00](#))}
- A61C 8/0013
  - .. {with a surface layer, coating}
- A61C 8/0015
  - ... {being a conversion layer, e.g. oxide layer}

A61C 8/0016	.. {polymeric material}
A61C 8/0018	. {characterised by the shape}
A61C 8/0019	.. {Blade implants}
A61C 8/0021	... {with self-incising cutting edge}
A61C 8/0022	.. {Self-screwing ( <a href="#">A61C 8/0028</a> takes precedence)}
A61C 8/0024	... {with self-boring cutting edge}
A61C 8/0025	... {with multiple threads}
A61C 8/0027	.. {Frames}
A61C 8/0028	.. {Pins, needles; Head structures therefor ( <a href="#">A61C 8/0004</a> , <a href="#">A61C 8/0009</a> take precedence)}
A61C 8/003	.. {Transmandibular implants}
A61C 8/0031	.. {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}
A61C 8/0033	.. {Expandable implants; Implants with extendable elements}
A61C 8/0034	.. {Long implant, e.g. zygomatic implant}
A61C 8/0036	.. {Tooth replica}
A61C 8/0037	.. {Details of the shape}
A61C 8/0039	... {in the form of hollow cylinder with an open bottom}
A61C 8/004	... {inflatable}
A61C 8/0042	... {consisting of two halves}
A61C 8/0043	... {having more than one root}
A61C 8/0045	... {with a stepped body}
A61C 2008/0046	... {Textured surface, e.g. roughness, microstructure ( <a href="#">A61C 8/0013</a> takes precedence)}
A61C 8/0048	. {Connecting the upper structure to the implant, e.g. bridging bars ( <a href="#">A61C 8/0028</a> takes precedence)}
A61C 8/005	.. {Connecting devices for joining an upper structure with an implant member, e.g. spacers}
A61C 8/0051	... {Abutment monobloc with restoration}
A61C 8/0053	... {with angular adjustment means, e.g. ball and socket joint}
A61C 8/0054	... {having a cylindrical implant connecting part}
A61C 8/0056	... {diverging in the apical direction of the implant or abutment}
A61C 8/0057	... {with elastic means}
A61C 8/0059	... {with additional friction enhancing means}
A61C 8/006	... {with polygonal positional means, e.g. hexagonal or octagonal}
A61C 8/0062	... {Catch or snap type connection}
A61C 8/0063	... {with an internal sleeve}
A61C 8/0065	... {with expandable or compressible means}
A61C 8/0066	... {with positioning means ( <a href="#">A61C 8/006</a> takes precedence)}
A61C 8/0068	... {with an additional screw}
A61C 8/0069	... {tapered or conical connection}
A61C 8/0071	.... {with a self-locking taper, e.g. morse taper}

- A61C 8/0072 . . . . {including male and female conical parts with different angles}
- A61C 8/0074 . . . {with external threads}
- A61C 8/0075 . . {Implant heads specially designed for receiving an upper structure (if separable from the implant [A61C 8/005](#))}
- A61C 8/0077 . . {with shape following the gingival surface or the bone surface}
- A61C 8/0078 . . {with platform switching, i.e. platform between implant and abutment}
- A61C 8/008 . {Healing caps or the like}
- A61C 8/0081 . {Magnetic dental implant retention systems}
- A61C 8/0083 . {Intra-gingival inserts}
- A61C 2008/0084 . {Provisional implants or abutments}
- A61C 8/0086 . {with shock absorbing means}
- A61C 8/0087 . {Means for sterile storage or manipulation of dental implants}
- A61C 8/0089 . {Implanting tools or instruments}
- A61C 8/009 . . {for selecting the right implanting element, e.g. templates}
- A61C 8/0092 . . {for sinus lifting}
- A61C 8/0093 . {Features of implants not otherwise provided for}
- A61C 8/0095 . . {Total denture implant}
- A61C 8/0096 . . {Implants for use in orthodontic treatment}
- A61C 8/0098 . . {Immediate loaded implants}

**Dental prosthetics; Artificial teeth** ([preparations for dentistry A61K 6/00](#))

- A61C 9/00**      **Impression cups, (i.e. impression trays); Impression methods** {(computer-assisted sizing [A61C 13/0004](#); instruments for determining occlusion [A61C 19/05](#))}
- A61C 9/0006 . {Impression trays}
  - A61C 9/0013 . . {Inflatable trays}
  - A61C 9/002 . {Means or methods for correctly replacing a dental model, e.g. dowel pins; Dowel pin positioning means or methods}
  - A61C 9/0026 . {Syringes or guns for injecting impression material; Mixing impression material for immediate use}
  - A61C 9/0033 . {Gingival retraction appliances}
  - A61C 9/004 . {Means or methods for taking digitized impressions}
  - A61C 9/0046 . . {Data acquisition means or methods}
  - A61C 9/0053 . . . {Optical means or methods, e.g. scanning the teeth by a laser or light beam}
  - A61C 9/006 . . . . {projecting one or more stripes or patterns on the teeth}
  - A61C 9/0066 . . . . {Depth determination through adaptive focusing}
  - A61C 9/0073 . . . . {Interferometric means or methods, e.g. creation of a hologram}
  - A61C 9/008 . . . {Mechanical means or methods, e.g. a contact probe moving over the teeth}
  - A61C 9/0086 . . . {Acoustic means or methods}
  - A61C 9/0093 . . {Workpiece support}



<b>A61C 11/00</b>	<b>Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings</b>
A61C 11/001	. {non-pivoting}
A61C 11/003	. {with height adjustments thereof}
A61C 11/005	. {with tracing devices}
A61C 11/006	. {with an occlusal plate}
A61C 11/008	. {made of wires}
A61C 11/02	. characterised by the arrangement, location or type of the hinge means; {Articulators with pivots}
A61C 11/022	.. {with two adjustable pivoting points, e.g. Argon-type articulators}
A61C 11/025	.. {with a pivotable lower part, i.e. mandibule motion simulator}
A61C 11/027	.. {with a hinge made of resilient material}
A61C 11/06	. with incisal guide
A61C 11/08	. with means to secure dental casts to articulator
A61C 11/081	.. {with adjusting means thereof}
A61C 11/082	... {for rectilinear adjustment}
A61C 11/084	... {for 3D adjustment, e.g. Ball-and-socket}
A61C 11/085	... {Intermediary adjustment plates}
A61C 11/087	.. {using magnets}
A61C 11/088	.. {using screws}
<b>A61C 13/00</b>	<b>Dental prostheses; Making same (tooth crowns for capping teeth <a href="#">A61C 5/08</a>; dental implants <a href="#">A61C 8/00</a>)</b>
A61C 13/0001	. {In-situ dentures; Trial or temporary dentures}
A61C 13/0003	. {Making bridge-work, inlays, implants or the like}
A61C 13/0004	.. {Computer-assisted sizing or machining of dental prostheses}
A61C 13/0006	.. {Production methods}
A61C 13/0007	... {using sand blasting}
A61C 13/0009	... {using a copying machine}
A61C 13/001	... {Electrophoresis coating}
A61C 13/0012	... {Electrolytic coating}
A61C 13/0013	... {using stereolithographic techniques}
A61C 13/0015	... {using electrical discharge machining (EDM), e.g. spark erosion}
A61C 13/0016	... {using ultrasonic or sonic machining process}
A61C 13/0018	... {using laser}
A61C 13/0019	... {using three dimensional printing}
A61C 13/0021	... {using stamping techniques}
A61C 13/0022	.. {Blanks or green, unfinished dental restoration parts}
A61C 13/0024	. {Repairing or adjusting dentures; Location of irritating zones}
A61C 13/0025	. {Linings}
A61C 13/0027	. {Base for holding castings}



- A61C 13/0028 . {Instruments or appliances for wax-shaping or wax-removing}
- A61C 13/01 . Palates or other bases or supports for the artificial teeth; Making same
- A61C 13/02 .. made by galvanoplastic methods or by plating; Surface treatment; Enamelling; Perfuming; Making antiseptic
- A61C 13/04 .. made by casting
- A61C 13/06 .. made by punching
- A61C 13/08 . Artificial teeth; Making same ([kilns for artificial teeth F27B](#))
- A61C 13/081 .. {Making teeth by casting or moulding}
- A61C 13/082 .. {Cosmetic aspects, e.g. inlays; Determination of the colour ([A61C 19/10](#) takes precedence)}
- A61C 13/083 .. Porcelain or ceramic teeth {([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))}
- A61C 13/0835 ... {Ceramic coating on metallic body}
- A61C 13/087 .. Artificial resin teeth {([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))}
- A61C 13/09 .. {Composite teeth, e.g. front and back section ([A61C 13/0835](#), [A61C 13/1023](#) take precedence)}; Multilayer teeth
- A61C 13/097 .. characterised by occlusal profiles, {i.e. chewing contact surfaces}
- A61C 13/10 . Fastening of artificial teeth to denture palates or the like {([A61C 8/0048](#) takes precedence)}
- A61C 13/1003 .. {by embedding in base material}
- A61C 13/1006 ... {characterised by a tooth shape which improves retention}
- A61C 13/1009 ... {Anchorage members, e.g. pins or bars; Means or methods for affixing pins to porcelain teeth}
- A61C 13/1013 ... {Arch forms}
- A61C 13/1016 .... {Methods or apparatus for mounting, holding or positioning a set of teeth}

### **WARNING**

Not complete, see [A61C 13/00](#), [A61C 13/04](#)

- A61C 13/102 .. {to be fixed to a frame}
- A61C 13/1023 ... {Facing and backing}
- A61C 13/1026 .. {Shock absorbers}
- A61C 13/12 . Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth {([A61C 8/0089](#) takes precedence)}
- A61C 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](#))}
- A61C 13/16 .. Curing flasks; Holders therefor
- A61C 13/18 .. Presses for flasks
- A61C 13/20 . Methods or devices for soldering, casting, moulding or melting {([A61C 13/04](#), [A61C 13/081](#) take precedence)}
- A61C 13/203 .. {using microwave energy}
- A61C 13/206 .. {Injection moulding}

- A61C 13/225 . Fastening prostheses in the mouth {(A61C 8/0048 takes precedence)}
- A61C 13/2255 .. {Frames for partial dentures; Lingual bars}
- A61C 13/235 .. Magnetic fastening {(A61C 8/0081 takes precedence); magnetic implants A61C 8/00}
- A61C 13/24 .. Fastening by suction, {i.e. total dentures (A61C 8/00, A61C 13/235, A61C 13/28 take precedence)}
- A61C 13/245 ... {Vacuum enhancing devices, e.g. valves}
- A61C 13/25 ... including valve or air passageway leading from suction area to lingual cavity
- A61C 13/26 .. Dentures without palates; {Partial dentures, e.g. bridges}
- A61C 13/265 .. Sliding or snap attachments {not used, see subgroups}
- A61C 13/2653 ... {Sliding attachments}
- A61C 13/2656 ... {Snap attachments}
- A61C 13/267 .. Clasp fastening
- A61C 13/273 .. removably secured to residual teeth by using bolts { or locks}
- A61C 13/275 .. removably secured by using bridging bars or rails between residual teeth
- A61C 2013/2753 ... {characterised by the shape of the bridging bar}
- A61C 2013/2756 .... {having a Y-shaped cross-section}
- A61C 13/277 .. Telescopic anchoring, { i.e. using spring biased detents}
- A61C 13/28 .. Fastening by spring action between upper and lower denture
- A61C 13/30 .. Fastening of peg-teeth in the mouth
- A61C 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)

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

**A61C 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**

A61C 17/00

(continued)

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](#)

A61C 17/005

A61C 17/02

- . {Devices for dental prophylaxis}
- . 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](#))

A61C 17/0202

A61C 17/0205

A61C 17/0208

A61C 17/0211

- .. {Hand-pieces}
- .. {Container filling apparatus}
- .. {combined with means providing suction ([A61C 17/0211](#) takes precedence)}
- .. {specially adapted for rinsing the teeth of at least one jaw simultaneously ([A61C 17/20](#) takes precedence)}

A61C 17/0214

A61C 17/0217

- .. {adapted to be connected to the main water supply, e.g. using a water tap}
- .. {having means for manually controlling the supply of two or more fluids, e.g. water and air}

A61C 17/022

A61C 17/028

A61C 17/036

- .. Air-blowing devices, {e.g. with means for heating the air}
- .. with intermittent liquid flow {([A61C 17/0211](#) takes precedence)}

A61C 17/04

A61C 17/043

A61C 17/046

- . Spittoons or saliva removers for dental use
- .. {Aspiration tips (aspiration combined with rinsing or liquid medication [A61C 17/0208](#))}
- .. {characterised by provisions for processing the collected matter, e.g. for separating solids or air (similar devices for medical use [A61M 1/0056](#))}

A61C 17/14

A61C 17/16

A61C 17/20

A61C 17/22

- . Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors
- . Power-driven cleaning or polishing devices

A61C 17/221

A61C 17/222

A61C 17/224

A61C 17/225

A61C 17/227

A61C 17/228

- .. using ultrasonics
- .. with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles [A46B](#))
- ... {Control arrangements therefor}
- ... {Brush body details, e.g. the shape thereof or connection to handle}
- ... {Electrical recharging arrangements}
- ... {Handles or details thereof}
- .... {with reservoirs, e.g. for toothpaste}
- ... {Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}

A61C 17/24

A61C 17/26

A61C 17/28

A61C 17/30

A61C 17/32

- ... rotating continuously ([A61C 17/40](#) takes precedence)
- .... driven by electric motor
- ..... with rinsing means
- .... driven by hydraulic motor, e.g. water motor
- ... reciprocating or oscillating

A61C 17/34	....	driven by electric motor
A61C 17/3409	.....	{characterized by the movement of the brush body}
A61C 17/3418	.....	{Rotation around the axis of the toothbrush handle}
A61C 17/3427	.....	{Rotation around the axis perpendicular to the axis of toothbrush handle and in the plane defined by the bristle holder}
A61C 17/3436	.....	{Rotation around the axis perpendicular to the plane defined by the bristle holder}
A61C 17/3445	.....	{Translation along the axis of the toothbrush handle}
A61C 17/3454	.....	{Translation along the axis perpendicular of the axis of toothbrush handle and in the plane defined by the bristle holder}
A61C 17/3463	.....	{Translation along the axis perpendicular to the plane defined by the bristle holder}
A61C 17/3472	.....	{with combined movements of the brush body}
A61C 17/3481	.....	{Vibrating brush body, e.g. by using eccentric weights}
A61C 17/349	.....	{with multiple brush bodies}
A61C 17/36	.....	with rinsing means
A61C 17/38	....	driven by hydraulic motor, e.g. water motor
A61C 17/40	...	orbiting, e.g. nutating

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<b>A61C 19/00</b>	<b>Dental auxiliary appliances</b> (dental chairs or accessories therefor, working stands whether or not combined with chairs <a href="#">A61G 15/00</a> )
A61C 19/001	. {Holders for absorbent pads (absorbent pads per se <a href="#">A61F 13/00</a> )}
A61C 19/002	. {Cleaning devices specially adapted for dental instruments (disinfecting <a href="#">A61L 2/00</a> ; cleaning in general <a href="#">B08B</a> )}
A61C 19/003	. {Apparatus for curing resins by radiation}
A61C 19/004	.. {Hand-held apparatus, e.g. guns}
A61C 19/005	. {Devices for the manual mixing of small quantities of materials, e.g. trays for mixing dental porcelain}
A61C 19/006	. {Finger- or hand-supported dental trays}
A61C 19/007	. {Dust removing devices on working places in dental laboratories, e.g. working by suction (preventing escape of dirt <a href="#">B08B 15/00</a> )}
A61C 19/008	. {Devices for displaying or storing lost natural teeth, e.g. boxes}
A61C 19/02	. Protective casings, e.g. boxes for instruments; Bags; {( <a href="#">A61C 5/025</a> takes precedence)}
A61C 19/04	. Measuring instruments specially adapted for dentistry ({ <a href="#">A61C 5/025</a> takes precedence; testing vitality of teeth <a href="#">A61B 5/0534</a> }; radiation diagnosis <a href="#">A61B 6/00</a> )
A61C 19/041	.. {for measuring the length of the root canal of a tooth}
A61C 19/042	.. {for determining the position of a root apex}
A61C 19/043	.. {Depth measuring of periodontal pockets; Probes therefor}
A61C 19/045	.. for recording mandibular movement, e.g. face bows
A61C 19/05	.. for determining occlusion
A61C 19/052	... {with tracing appliances}
A61C 19/055	.. Paralleling devices

- A61C 19/06 . Implements for therapeutic treatment ([radiation therapy A61N 5/00](#))
- A61C 19/063 . . {Medicament applicators for teeth or gums, e.g. treatment with fluorides}
- A61C 19/066 . . . {Bleaching devices; Whitening agent applicators for teeth, e.g. trays or strips}
- A61C 19/08 . . combined with anaesthetising implements ([dental hypodermic syringes A61M 5/00](#))
- A61C 19/10 . Supports for artificial teeth for transport or for comparison of the colour

**A61C 2201/00****Material properties**

- A61C 2201/002 . using colour effect, e.g. for identification purposes
- A61C 2201/005 . using radio-opaque means
- A61C 2201/007 . using shape memory effect

**Dental surgery****A61C 2202/00****Packaging for dental appliances**

- A61C 2202/01 . Packaging for light-curable material
- A61C 2202/02 . Packaging for volatile material

**A61C 2203/00****Means for making patients feel at ease during dental treatment, e.g. dental instruments in the form of toys****A61C 2204/00****Features not otherwise provided for**

- A61C 2204/002 . using batteries
- A61C 2204/005 . using chip tag or any electronic identification mean, e.g. RFID
- A61C 2204/007 . using wear indicators