

**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**

<b>A61C 1/00</b>	<b>Dental machines for boring or cutting; {General features of dental machines or apparatus, e.g. hand-piece design}</b>
A61C 1/0007	. {Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus <a href="#">A61C 1/0069</a> )}
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 <a href="#">A61B 18/20</a> ; working by laser beam in general <a href="#">B23K 26/00</a> ; lasers per se <a href="#">H01S 3/00</a> )}
A61C 1/0053	. {Portable units}
A61C 1/0061	. {Air and water supply systems; Valves specially adapted therefor ( <a href="#">A61C 1/052</a> takes precedence; rinsing or air-blowing devices <a href="#">A61C 17/02</a> )}
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 <a href="#">A61L 2/18</a> )}
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 <a href="#">A61B 1/24</a> and <a href="#">A61B 1/06</a> )}
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 ([A61C 8/0028](#) 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 ([A61C 8/0004](#), [A61C 8/0009](#) 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 ([A61C 8/0013](#) takes precedence)}
- A61C 8/0048 . {Connecting the upper structure to the implant, e.g. bridging bars ([A61C 8/0028](#) 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 takes precedence</a> )}
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 ( <a href="#">if separable from the implant A61C 8/005</a> )}
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](#))

<b>A61C 9/00</b>	<b>Impression cups, {i.e. impression trays}; Impression methods</b> {(computer-assisted sizing <a href="#">A61C 13/0004</a> ; instruments for determining occlusion <a href="#">A61C 19/05</a> )}
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}

**A61C 11/00** **Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings**

- 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}

**A61C 13/00** **Dental prostheses; Making same (tooth crowns for capping teeth [A61C 5/08](#); dental implants [A61C 8/00](#))**

- 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}
- 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**

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

- {Devices for dental prophylaxis}

A61C 17/02

- Rinsing or air-blowing devices, e.g. using fluid jets {or comprising liquid medication} ({air and water supply systems in dental machines in general [A61C 1/0061](#); with particulate material supply [A61C 3/025](#);} combined with power-driven cleaning or polishing devices [A61C 17/16](#))

A61C 17/0202

- • {Hand-pieces}

A61C 17/0205

- • {Container filling apparatus}

A61C 17/0208

- • {combined with means providing suction ([A61C 17/0211](#) takes precedence)}

A61C 17/0211

- • {specially adapted for rinsing the teeth of at least one jaw simultaneously ([A61C 17/20](#) takes precedence)}

A61C 17/0214

- • {adapted to be connected to the main water supply, e.g. using a water tap}

A61C 17/0217

- • {having means for manually controlling the supply of two or more fluids, e.g. water and air}

A61C 17/022

- • Air-blowing devices, {e.g. with means for heating the air}

A61C 17/028

- • with intermittent liquid flow {([A61C 17/0211](#) takes precedence)}

A61C 17/036

- Cleaning devices for {dental} prostheses {removed from the oral cavity (using ultrasonics [B08B 3/12](#))}

A61C 17/04

- Spittoons or saliva removers for dental use

A61C 17/043

- • {Aspiration tips (aspiration combined with rinsing or liquid medication [A61C 17/0208](#))}

A61C 17/046

- • {characterised by provisions for processing the collected matter, e.g. for separating solids or air (similar devices for medical use [A61M 1/0056](#))}

A61C 17/14

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

A61C 17/16

- Power-driven cleaning or polishing devices

A61C 17/20

- • using ultrasonics

A61C 17/22

- • with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles [A46B](#))

A61C 17/221

- • • {Control arrangements therefor}

A61C 17/222

- • • {Brush body details, e.g. the shape thereof or connection to handle}

A61C 17/224

- • • {Electrical recharging arrangements}

A61C 17/225

- • • {Handles or details thereof}

A61C 17/227

- • • • {with reservoirs, e.g. for toothpaste}

A61C 17/228

- • • {Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}

A61C 17/24	. . . rotating continuously ( <a href="#">A61C 17/40</a> takes precedence)
A61C 17/26	. . . . driven by electric motor
A61C 17/28	. . . . . with rinsing means
A61C 17/30	. . . . . driven by hydraulic motor, e.g. water motor
A61C 17/32	. . . 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

<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