

**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:

[A61C 5/09](#) covered by [A61C 5/08](#)  
[A61C 5/11](#) covered by [A61C 5/08](#)  
[A61C 7/24](#) covered by [A61C 7/20](#)  
[A61C 7/26](#) covered by [A61C 7/20](#)  
[A61C 7/32](#) covered by [A61C 7/28](#)  
[A61C 8/02](#) covered by [A61C 8/0004](#)  
[A61C 11/04](#) covered by [A61C 11/00](#)  
[A61C 13/003](#) covered by [A61C 13/26](#)  
[A61C 13/007](#) covered by [A61C 13/01](#)  
[A61C 13/03](#) covered by [A61C 13/01](#)  
[A61C 13/07](#) covered by [A61C 13/0025](#)  
[A61C 13/093](#) covered by [A61C 13/1006](#)  
[A61C 13/103](#) covered by [A61C 13/1009](#)  
[A61C 13/105](#) covered by [A61C 13/1009](#)  
[A61C 13/107](#) covered by [A61C 13/0001](#)  
[A61C 13/113](#) covered by [A61C 13/0001](#)  
[A61C 13/15](#) covered by [A61C 19/003](#)  
[A61C 13/23](#) covered by [A61C 13/0025](#)  
[A61C 13/263](#) covered by [A61C 13/225](#)  
[A61C 13/271](#) covered by [A61C 13/26](#)  
[A61C 13/32](#) covered by [A61C 13/225](#)  
[A61C 13/36](#) covered by [A61C 13/1016](#)  
[A61C 13/38](#) covered by [A61C 13/12](#)  
[A61C 17/024](#) covered by [A61C 17/02](#)  
[A61C 17/032](#) covered by [A61C 17/02](#)  
[A61C 17/06](#) covered by [A61C 17/00](#)  
[A61C 17/08](#) covered by [A61C 17/00](#)  
[A61C 17/10](#) covered by [A61C 17/00](#)  
[A61C 17/12](#) covered by [A61C 17/00](#)  
[A61C 17/18](#) covered by [A61C 17/16](#)

**Guidance heading:** 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 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. mutiple 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 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 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 }

**Guidance heading:** **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 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]

**Guidance heading:** **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 ([A61C 17/40](#) 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
- A61C 19/00** **Dental auxiliary appliances** (dental chairs or accessories therefor, working stands whether or not combined with chairs [A61G 15/00](#))
- A61C 19/001 . {Holders for absorbent pads (absorbent pads per se [A61F 13/00](#)) }
- A61C 19/002 . {Cleaning devices specially adapted for dental instruments (disinfecting [A61L 2/00](#); cleaning in general [B08B](#) ) }
- 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 [B08B 15/00](#)) }
- 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; { ([A61C 5/025](#) takes precedence) }
- A61C 19/04 . Measuring instruments specially adapted for dentistry ( {[A61C 5/025](#) takes precedence; testing vitality of teeth [A61B 5/0534](#) }; radiation diagnosis [A61B 6/00](#))
- 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 2007/00** **Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
- A61C 2007/002 . { Orthodontic computer assisted systems }
- A61C 2007/004 .. Automatic construction of a set of axes for a tooth or a plurality of teeth
- A61C 2008/00** **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 2008/0018 . {characterised by the shape }
- A61C 2008/0037 .. { Details of the shape }
- A61C 2008/0046 ... Textured surface, e.g. roughness, microstructure ([A61C 8/0013](#) takes precedence)
- A61C 2008/0084 . Provisional implants or abutments
- A61C 2013/00** **Dental prostheses; Making same (tooth crowns for capping teeth [A61C 5/08](#); dental implants [A61C 8/00](#))**
- A61C 2013/225 . Fastening prostheses in the mouth { ([A61C 8/0048](#) takes precedence) }

- A61C 2013/275 . . . 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 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

**Guidance heading:    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