

**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 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

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|-----------------------------|--|
| <b>A61C 8/00</b>            | <b>Means to be fixed to the jaw-bone for consolidating natural teeth or for fixing dental prostheses thereon; Dental implants; Implanting tools (fastening of peg-teeth in the mouth <a href="#">A61C 13/30</a>)</b> |
| <a href="#">A61C 8/0001</a> | . { Impression means for implants, e.g. impression coping }  |
| <a href="#">A61C 8/0003</a> | . { Not used, see subgroups }  |
| <a href="#">A61C 8/0004</a> | .. { Consolidating natural teeth }   |
| <a href="#">A61C 8/0006</a> | ... { Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants <a href="#">A61F 2/2846</a> ) }   |
| <a href="#">A61C 8/0007</a> | .... { Stimulation of growth around implant by electrical means }  |
| <a href="#">A61C 8/0009</a> | .. { Consolidating prostheses or implants, e.g. by means of stabilising pins ( <a href="#">A61C 8/0031</a> takes precedence) }   |
| <a href="#">A61C 8/001</a>  | . { Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions }  |
| <a href="#">A61C 8/0012</a> | . { characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials <a href="#">A61K 6/00</a> ) }   |
| <a href="#">A61C 8/0013</a> | .. { with a surface layer, coating }   |
| <a href="#">A61C 8/0015</a> | ... { being a conversion layer, e.g. oxide layer }   |
| <a href="#">A61C 8/0016</a> | .. { polymeric material }  |
| <a href="#">A61C 8/0018</a> | . { characterised by the shape }   |
| <a href="#">A61C 8/0019</a> | .. { Blade implants }  |
| <a href="#">A61C 8/0021</a> | ... { with self-incising cutting edge }  |
| <a href="#">A61C 8/0022</a> | .. { Self-screwing ( <a href="#">A61C 8/0028</a> takes precedence) }   |
| <a href="#">A61C 8/0024</a> | ... { with self-boring cutting edge }  |
| <a href="#">A61C 8/0025</a> | ... { with multiple threads }  |
| <a href="#">A61C 8/0027</a> | .. { Frames }  |
| <a href="#">A61C 8/0028</a> | .. { Pins, needles; Head structures therefor ( <a href="#">A61C 8/0004</a> , <a href="#">A61C 8/0009</a> take precedence) }  |
| <a href="#">A61C 8/003</a>  | .. { Transmandibular implants }  |
| <a href="#">A61C 8/0031</a> | .. { Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone }   |
| <a href="#">A61C 8/0033</a> | .. { Expandable implants; Implants with extendable elements }  |
| <a href="#">A61C 8/0034</a> | .. { Long implant, e.g. zygomatic implant }  |
| <a href="#">A61C 8/0036</a> | .. { Tooth replica }   |
| <a href="#">A61C 8/0037</a> | .. { Details of the shape }  |
| <a href="#">A61C 8/0039</a> | ... { in the form of hollow cylinder with an open bottom }   |
| <a href="#">A61C 8/004</a>  | ... { inflatable }   |
| <a href="#">A61C 8/0042</a> | ... { consisting of two halves }   |
| <a href="#">A61C 8/0043</a> | ... { having more than one root }  |
| <a href="#">A61C 8/0045</a> | ... { 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 ([A61C 8/006 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 }

**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 }

**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 }

### **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]

**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 ( <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 ( <a href="#">absorbent pads per se A61F 13/00</a> )}   |
| A61C 19/002       | . { Cleaning devices specially adapted for dental instruments ( <a href="#">disinfecting A61L 2/00</a> ; <a href="#">cleaning in general 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 [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 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