

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 (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 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 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 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

Guidance heading:

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

Guidance heading:

- 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

Guidance heading:

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