

# CPC COOPERATIVE PATENT CLASSIFICATION

**A61C DENTISTRY; APPARATUS OR METHODS FOR ORAL OR DENTAL HYGIENE**  
(non-driven toothbrushes [A46B](#); {tongue scrapers [A61B 17/24](#);} preparations for dentistry [A61K 6/00](#); preparations for cleaning the teeth or mouth [A61K 8/00](#), [A61Q 11/00](#))

## WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

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

## Dental surgery

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

- 1/0007 . {Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus [A61C 1/0069](#))}
- 1/0015 . . {Electrical systems}
- 1/0023 . . . {Foot control}
- 1/003 . . . {Control of rotation of instrument}
- 1/0038 . . {Pneumatic systems}
- 1/0046 . {Dental lasers (surgical lasers [A61B 18/20](#); working by laser beam in general [B23K 26/00](#); lasers per se [H01S 3/00](#))}
- 1/0053 . {Portable units}
- 1/0061 . {Air and water supply systems; Valves specially adapted therefor ([A61C 1/052](#) takes precedence; rinsing or air-blowing devices [A61C 17/02](#))}
- 1/0069 . . {Fluid temperature control}

- 1/0076 . . {Sterilising operating fluids or fluid supply elements such as supply lines, filters (sterilisation of liquid substances in general [A61L 2/18](#))}
- 1/0084 . . {Supply units, e.g. reservoir arrangements, specially adapted pumps}
- 1/0092 . . . {Pumps specially adapted therefor}
- 1/02 . characterised by the drive of the dental tools
- 1/04 . . with treadle or manual drive
- 1/05 . . with turbine drive
- 1/052 . . . {Ducts for supplying driving or cooling fluid, e.g. air, water}
- 1/055 . . . . {through the working tool, e.g. hollow burr}
- 1/057 . . . {with means for preventing suction effect in turbine after deactivation of the drive air}
- 1/06 . . with electric drive
- 1/07 . . with vibratory drive, e.g. ultrasonic
- 1/08 . Machine parts specially adapted for dentistry
- 1/081 . . {Pain-alleviating features}
- 1/082 . . {Positioning or guiding, e.g. of drills}
- 1/084 . . . {of implanting tools}
- 1/085 . . . {for multiple drills, for simultaneous drilling}
- 1/087 . . {Supplying powder or medicines}

- 1/088 . . {Illuminating devices or attachments (for examination of the mouth [A61B 1/24](#) and [A61B 1/06](#))}
- 1/10 . . Straight hand-pieces
- 1/12 . . Angle hand-pieces
- 1/14 . . Tool-holders, {i.e. operating tool holders, e.g. burr holders}
  - 1/141 . . . {in an angled handpiece}
  - 1/142 . . . {Operating tool blocking means}
  - 1/144 . . . . {constricting the operating tool, e.g. chuck}
  - 1/145 . . . {Instruments or accessories for tool holders}
  - 1/147 . . . {in a straight handpiece}
  - 1/148 . . . {Non-rotating tool holders, e.g. vibrating, oscillating, nutating}
- 1/16 . . Protecting caps for hand-pieces or angle-pieces
- 1/18 . . Flexible shafts; Clutches or the like; {Bearings or lubricating arrangements; Drives or transmissions} (flexible shafts in general [F16C](#); clutches in general [F16D](#))
  - 1/181 . . . {Bearings or lubricating arrangements, e.g. air-cushion bearings}
  - 1/183 . . . . {Jewel bearings}
  - 1/185 . . . {Drives or transmissions}
  - 1/186 . . . . {with torque adjusting or limiting means}
  - 1/188 . . . {Means for allowing non driven rotation of the tool relative to the handle, e.g. toolswivel}
- 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](#))**
  - 3/005 . {Brushes for applying dental compositions}
  - 3/02 . Tooth drilling or cutting instruments; Instruments acting like a sandblast machine
  - 3/025 . . Instruments acting like a sandblast machine, e.g. for cleaning, polishing or cutting teeth
    - 3/03 . . Instruments operated by vibration
    - 3/04 . Supports for holding tooth drills in order of use
    - 3/06 . Tooth grinding or polishing discs; Holders therefor {(prophylactic cups [A61C 17/005](#))}
    - 3/08 . Tooth pluggers or hammers
    - 3/10 . Tooth pincettes or the like
    - 3/12 . Tooth saws
    - 3/14 . Dentists' forceps or the like for extracting teeth
    - 3/16 . Dentists' forceps {or clamps} for removing crowns
      - 3/162 . . {acting by leverage}
      - 3/164 . . {acting by percussion}
      - 3/166 . . {acting by vibration}
      - 3/168 . . {with wires}
- 5/00 Filling or capping teeth**
  - 5/002 . {Facets}
  - 5/005 . {Dental anchoring pins; Mounting tools or dispensers therefor ([A61C 13/30](#) takes precedence)}
  - 5/007 . {Dental splints; teeth or jaw immobilisation devices; stabilizing retainers bonded to teeth after orthodontic treatments}
  - 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](#))
  - 5/021 . . {Not used, see subgroups}
- 5/023 . . . {Root canal files; Handgrips or guiding means therefor ([A61C 1/082](#), [A61C 5/025](#), [A61C 19/02](#) take precedence)}
- 5/025 . . . {Depth control, e.g. for files; Supports or boxes with depth gauging means; Stop positioners; Instruments adjustably mounted in handle portion}
- 5/026 . . . {Nerve extractors, e.g. needles; Removing broken parts of endodontic instruments}
- 5/028 . . . {Means preventing loss of endodontic instruments}
- 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](#))
  - 5/045 . . {with heating means, e.g. for heating gutta percha or filling}
- 5/06 . Amalgam presses or mixers {([A61C 19/005](#) takes precedence)}
- 5/062 . . {Dental composition applicators, e.g. syringes, guns ([A61C 9/0026](#) takes precedence)}
- 5/064 . . . {Multi-component applicators}
- 5/066 . . {Amalgam capsules}
- 5/068 . . {Dental composition mixers, e.g. amalgators, capsule holders}
- 5/08 . Tooth crowns; Making same; Securing crowns in the mouth (dental implants [A61C 8/00](#))
  - 5/10 . . Methods or devices for making crowns {([A61C 13/0004](#) takes precedence)}
  - 5/12 . Tooth clamps; Dam holders; {Dental aids fixed to the teeth during treatment}
    - 5/122 . . {Dental dams; Holders or clamps therefor}
    - 5/125 . . {Dental filling bands, e.g. matrix bands; Manipulating tools therefor}
    - 5/127 . . {Dental wedges}
  - 5/14 . Lip or mouth protectors
- 7/00 Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
  - 7/002 . {Orthodontic computer assisted systems}
  - 2007/004 . . {Automatic construction of a set of axes for a tooth or a plurality of teeth}
    - 7/006 . . {using magnetic force}
    - 7/008 . . {using vibrating means}
  - 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](#))}
    - 7/023 . . {for debonding or removing orthodontic devices}
    - 7/026 . . {for twisting orthodontic ligature wires}
    - 7/04 . . plier-type, {e.g. pincers}
    - 7/06 . Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension
      - 7/065 . . {with a chin cup}
    - 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](#))}
  - 7/10 . Devices having means to apply outwardly directed force, e.g. expanders

- 7/12 . Brackets; Arch wires; Combinations thereof; Accessories therefor
- 7/125 . . {Mouth tissue protecting means, e.g. bracket caps}
- 7/14 . . Brackets ([A61C 7/28 takes precedence](#)); Fixing brackets to teeth
- 7/141 . . . {Brackets with reinforcing structure, e.g. inserts}
- 7/143 . . . {Brackets with two or more recesses for arch wires}
- 7/145 . . . {Lingual brackets}
- 7/146 . . . {Positioning or placement of brackets; Tools therefor}
- 7/148 . . . {with occlusal or gingival archwire slot opening ([A61C 7/145 takes precedence](#))}
- 7/16 . . . specially adapted to be cemented to teeth
- 7/18 . . . specially adapted to be fixed to teeth with a band; Bands therefor
- 7/20 . . Arch wires ([A61C 7/28 takes precedence](#))
- 7/22 . . . Tension adjusting means
- 7/28 . . Securing arch wire to bracket
- 7/282 . . . {Buccal tubes}
- 7/285 . . . {Locking by rotation}
- 7/287 . . . {Sliding locks}
- 7/30 . . . by resilient means; {Dispensers therefor}
- 7/303 . . . . {Elastic bands}
- 7/306 . . . . . {Dispensers or attachment instruments therefor}
- 7/34 . . . using lock pins
- 7/36 . Devices acting between upper and lower teeth
- 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](#))**
- 8/0001 . {Impression means for implants, e.g. impression coping}
- 8/0003 . {Not used, see subgroups}
- 8/0004 . . {Consolidating natural teeth}
- 8/0006 . . . {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants [A61F 2/2846](#))}
- 8/0007 . . . . {Stimulation of growth around implant by electrical means}
- 8/0009 . . {Consolidating prostheses or implants, e.g. by means of stabilising pins ([A61C 8/0031 takes precedence](#))}
- 8/001 . {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}
- 8/0012 . {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy ([use of specific materials \[A61K 6/00\]\(#\)](#))}
- 8/0013 . . {with a surface layer, coating}
- 8/0015 . . . {being a conversion layer, e.g. oxide layer}
- 8/0016 . . {polymeric material}
- 8/0018 . {characterised by the shape}
- 8/0019 . . {Blade implants}
- 8/0021 . . . {with self-incising cutting edge}
- 8/0022 . . {Self-screwing ([A61C 8/0028 takes precedence](#))}
- 8/0024 . . . {with self-boring cutting edge}
- 8/0025 . . . {with multiple threads}
- 8/0027 . . {Frames}
- 8/0028 . . {Pins, needles; Head structures therefor ([A61C 8/0004, \[A61C 8/0009 take precedence\]\(#\)](#))}
- 8/003 . . {Transmandibular implants}
- 8/0031 . . {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}
- 8/0033 . . {Expandable implants; Implants with extendable elements}
- 8/0034 . . {Long implant, e.g. zygomatic implant}
- 8/0036 . . {Tooth replica}
- 8/0037 . . {Details of the shape}
- 8/0039 . . . {in the form of hollow cylinder with an open bottom}
- 8/004 . . . {inflatable}
- 8/0042 . . . {consisting of two halves}
- 8/0043 . . . {having more than one root}
- 8/0045 . . . {with a stepped body}
- 2008/0046 . . . {Textured surface, e.g. roughness, microstructure ([A61C 8/0013 takes precedence](#))}
- 8/0048 . {Connecting the upper structure to the implant, e.g. bridging bars ([A61C 8/0028 takes precedence](#))}
- 8/005 . . {Connecting devices for joining an upper structure with an implant member, e.g. spacers}
- 8/0051 . . . {Abutment monobloc with restoration}
- 8/0053 . . . {with angular adjustment means, e.g. ball and socket joint}
- 8/0054 . . . {having a cylindrical implant connecting part}
- 8/0056 . . . {diverging in the apical direction of the implant or abutment}
- 8/0057 . . . {with elastic means}
- 8/0059 . . . {with additional friction enhancing means}
- 8/006 . . . {with polygonal positional means, e.g. hexagonal or octagonal}
- 8/0062 . . . {Catch or snap type connection}
- 8/0063 . . . {with an internal sleeve}
- 8/0065 . . . {with expandable or compressible means}
- 8/0066 . . . {with positioning means ([A61C 8/006 takes precedence](#))}
- 8/0068 . . . {with an additional screw}
- 8/0069 . . . {tapered or conical connection}
- 8/0071 . . . . {with a self-locking taper, e.g. morse taper}
- 8/0072 . . . . {including male and female conical parts with different angles}
- 8/0074 . . . {with external threads}
- 8/0075 . {Implant heads specially designed for receiving an upper structure ([if separable from the implant \[A61C 8/005\]\(#\)](#))}
- 8/0077 . . {with shape following the gingival surface or the bone surface}
- 8/0078 . . {with platform switching, i.e. platform between implant and abutment}
- 8/008 . {Healing caps or the like}
- 8/0081 . {Magnetic dental implant retention systems}
- 8/0083 . {Intra-gingival inserts}
- 2008/0084 . {Provisional implants or abutments}
- 8/0086 . {with shock absorbing means}
- 8/0087 . {Means for sterile storage or manipulation of dental implants}
- 8/0089 . {Implanting tools or instruments}
- 8/009 . . {for selecting the right implanting element, e.g. templates}
- 8/0092 . . {for sinus lifting}
- 8/0093 . {Features of implants not otherwise provided for}

- 8/0095 . . {Total denture implant}
- 8/0096 . . {Implants for use in orthodontic treatment}
- 8/0098 . . {Immediate loaded implants}

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

**9/00 Impression cups, [i.e. impression trays];  
Impression methods** [(computer-assisted sizing  
A61C 13/0004; instruments for determining occlusion  
A61C 19/05)]

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

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

- 11/001 . {non-pivoting}
- 11/003 . {with height adjustments thereof}
- 11/005 . {with tracing devices}
- 11/006 . {with an occlusal plate}
- 11/008 . {made of wires}
- 11/02 . characterised by the arrangement, location or type of the hinge means; {Articulators with pivots}
- 11/022 . . {with two adjustable pivoting points, e.g. Argon-type articulators}
- 11/025 . . {with a pivotable lower part, i.e. mandible motion simulator}
- 11/027 . . {with a hinge made of resilient material}
- 11/06 . with incisal guide
- 11/08 . with means to secure dental casts to articulator
- 11/081 . . {with adjusting means thereof}
- 11/082 . . . {for rectilinear adjustment}
- 11/084 . . . {for 3D adjustment, e.g. Ball-and-socket}
- 11/085 . . . {Intermediary adjustment plates}
- 11/087 . . {using magnets}
- 11/088 . . {using screws}

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

- 13/0001 . {In-situ dentures; Trial or temporary dentures}
- 13/0003 . {Making bridge-work, inlays, implants or the like}
- 13/0004 . . {Computer-assisted sizing or machining of dental prostheses}

- 13/0006 . . {Production methods}
- 13/0007 . . . {using sand blasting}
- 13/0009 . . . {using a copying machine}
- 13/001 . . . {Electrophoresis coating}
- 13/0012 . . . {Electrolytic coating}
- 13/0013 . . . {using stereolithographic techniques}
- 13/0015 . . . {using electrical discharge machining [EDM], e.g. spark erosion}
- 13/0016 . . . {using ultrasonic or sonic machining process}
- 13/0018 . . . {using laser}
- 13/0019 . . . {using three dimensional printing}
- 13/0021 . . . {using stamping techniques}
- 13/0022 . . {Blanks or green, unfinished dental restoration parts}
- 13/0024 . {Repairing or adjusting dentures; Location of irritating zones}
- 13/0025 . {Linings}
- 13/0027 . {Base for holding castings}
- 13/0028 . {Instruments or appliances for wax-shaping or wax-removing}
- 13/01 . Palates or other bases or supports for the artificial teeth; Making same
- 13/02 . . made by galvanoplastic methods or by plating; Surface treatment; Enamelling; Perfuming; Making antiseptic
- 13/04 . . {made by casting}
- 13/06 . . made by punching
- 13/08 . Artificial teeth; Making same (kilns for artificial teeth F27B)
- 13/081 . . {Making teeth by casting or moulding}
- 13/082 . . {Cosmetic aspects, e.g. inlays; Determination of the colour (A61C 19/10 takes precedence)}
- 13/083 . . Porcelain or ceramic teeth {(A61C 13/081 takes precedence; preparations A61K 6/02)}
- 13/0835 . . . {Ceramic coating on metallic body}
- 13/087 . . Artificial resin teeth {(A61C 13/081 takes precedence; preparations A61K 6/02)}
- 13/09 . . {Composite teeth, e.g. front and back section (A61C 13/0835, A61C 13/1023 take precedence)}; Multilayer teeth
- 13/097 . . characterised by occlusal profiles, [i.e. chewing contact surfaces]
- 13/10 . Fastening of artificial teeth to denture palates or the like {(A61C 8/0048 takes precedence)}
- 13/1003 . . {by embedding in base material}
- 13/1006 . . . {characterised by a tooth shape which improves retention}
- 13/1009 . . . {Anchorage members, e.g. pins or bars; Means or methods for affixing pins to porcelain teeth}
- 13/1013 . . . {Arch forms}
- 13/1016 . . . . {Methods or apparatus for mounting, holding or positioning a set of teeth}
- 13/102 . . {to be fixed to a frame}
- 13/1023 . . . {Facing and backing}
- 13/1026 . . {Shock absorbers}
- 13/12 . Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth {(A61C 8/0089 takes precedence)}
- 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)
- 13/16 . . Curing flasks; Holders therefor



- 13/18 . . Presses for flasks
- 13/20 . Methods or devices for soldering, casting, moulding or melting {(A61C 13/04, A61C 13/081 take precedence)}
- 13/203 . . {using microwave energy}
- 13/206 . . {Injection moulding}
- 13/225 . Fastening prostheses in the mouth {(A61C 8/0048 takes precedence)}
- 13/2255 . . {Frames for partial dentures; Lingual bars}
- 13/235 . . Magnetic fastening {(A61C 8/0081 takes precedence); magnetic implants A61C 8/00}
- 13/24 . . Fastening by suction, {i.e. total dentures (A61C 8/00, A61C 13/235, A61C 13/28 take precedence)}
- 13/245 . . . {Vacuum enhancing devices, e.g. valves}
- 13/25 . . . including valve or air passageway leading from suction area to lingual cavity
- 13/26 . . {Dentures without palates; Partial dentures, e.g. bridges}
- 13/265 . . Sliding or snap attachments {not used, see subgroups}
- 13/2653 . . . {Sliding attachments}
- 13/2656 . . . {Snap attachments}
- 13/267 . . Clasp fastening
- 13/273 . . removably secured to residual teeth by using bolts {or locks}
- 13/275 . . removably secured by using bridging bars or rails between residual teeth
- 2013/2753 . . . {characterised by the shape of the bridging bar}
- 2013/2756 . . . {having a Y-shaped cross-section}
- 13/277 . . Telescopic anchoring, {i.e. using spring biased detents}
- 13/28 . . Fastening by spring action between upper and lower denture
- 13/30 . . Fastening of peg-teeth in the mouth
- 13/34 . Making or working of models, e.g. preliminary castings, trial dentures; Dowel pins [4]

**Tooth-cleaning or mouth-rinsing devices** (non-driven toothbrushes A46B; {tongue scrapers A61B 17/24;} preparations for cleaning the teeth or mouth A61K 8/00, A61Q 11/00)

#### 15/00 Devices for cleaning between the teeth

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

#### 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

- 17/005 . {Devices for dental prophylaxis}
- 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)
- 17/0202 . . {Hand-pieces}
- 17/0205 . . {Container filling apparatus}
- 17/0208 . . {combined with means providing suction (A61C 17/0211 takes precedence)}
- 17/0211 . . {specially adapted for rinsing the teeth of at least one jaw simultaneously (A61C 17/20 takes precedence)}
- 17/0214 . . {adapted to be connected to the main water supply, e.g. using a water tap}
- 17/0217 . . {having means for manually controlling the supply of two or more fluids, e.g. water and air}
- 17/022 . . Air-blowing devices, {e.g. with means for heating the air}
- 17/028 . . with intermittent liquid flow {(A61C 17/0211 takes precedence)}
- 17/036 . {Cleaning devices for dental prostheses removed from the oral cavity (using ultrasonics B08B 3/12)}
- 17/04 . {Spittoons or saliva removers for dental use}
- 17/043 . . {Aspiration tips (aspiration combined with rinsing or liquid medication A61C 17/0208)}
- 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)}
- 17/14 . Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors
- 17/16 . Power-driven cleaning or polishing devices
- 17/20 . . using ultrasonics
- 17/22 . . with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles A46B)
- 17/221 . . . {Control arrangements therefor}
- 17/222 . . . {Brush body details, e.g. the shape thereof or connection to handle}
- 17/224 . . . {Electrical recharging arrangements}
- 17/225 . . . {Handles or details thereof}
- 17/227 . . . . {with reservoirs, e.g. for toothpaste}
- 17/228 . . . {Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}
- 17/24 . . . rotating continuously (A61C 17/40 takes precedence)
- 17/26 . . . . driven by electric motor
- 17/28 . . . . with rinsing means
- 17/30 . . . . driven by hydraulic motor, e.g. water motor

- 17/32 . . . reciprocating or oscillating
- 17/34 . . . . driven by electric motor
- 17/3409 . . . . . {characterized by the movement of the brush body}
- 17/3418 . . . . . {Rotation around the axis of the toothbrush handle}
- 17/3427 . . . . . {Rotation around the axis perpendicular to the axis of toothbrush handle and in the plane defined by the bristle holder}
- 17/3436 . . . . . {Rotation around the axis perpendicular to the plane defined by the bristle holder}
- 17/3445 . . . . . {Translation along the axis of the toothbrush handle}
- 17/3454 . . . . . {Translation along the axis perpendicular of the axis of toothbrush handle and in the plane defined by the bristle holder}
- 17/3463 . . . . . {Translation along the axis perpendicular to the plane defined by the bristle holder}
- 17/3472 . . . . . {with combined movements of the brush body}
- 17/3481 . . . . . {Vibrating brush body, e.g. by using eccentric weights}
- 17/349 . . . . . {with multiple brush bodies}
- 17/36 . . . . . with rinsing means
- 17/38 . . . . driven by hydraulic motor, e.g. water motor
- 17/40 . . . orbiting, e.g. nutating

- 19/052 . . . . {with tracing appliances}
- 19/055 . . Paralleling devices
- 19/06 . Implements for therapeutic treatment (radiation therapy [A61N 5/00](#))
- 19/063 . . {Medicament applicators for teeth or gums, e.g. treatment with fluorides}
- 19/066 . . . {Bleaching devices; Whitening agent applicators for teeth, e.g. trays or strips}
- 19/08 . . combined with anaesthetising implements (dental hypodermic syringes [A61M 5/00](#))
- 19/10 . Supports for artificial teeth for transport or for comparison of the colour

**2201/00 Material properties**

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

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

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

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

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

**19/00 Dental auxiliary appliances (dental chairs or accessories therefor, working stands whether or not combined with chairs [A61G 15/00](#))**

- 19/001 . {Holders for absorbent pads (absorbent pads [per se](#) [A61F 13/00](#))}
- 19/002 . {Cleaning devices specially adapted for dental instruments (disinfecting [A61L 2/00](#); cleaning in general [B08B](#))}
- 19/003 . {Apparatus for curing resins by radiation}
- 19/004 . . {Hand-held apparatus, e.g. guns}
- 19/005 . {Devices for the manual mixing of small quantities of materials, e.g. trays for mixing dental porcelain}
- 19/006 . {Finger- or hand-supported dental trays}
- 19/007 . {Dust removing devices on working places in dental laboratories, e.g. working by suction (preventing escape of dirt [B08B 15/00](#))}
- 19/008 . {Devices for displaying or storing lost natural teeth, e.g. boxes}
- 19/02 . Protective casings, e.g. boxes for instruments; Bags; ([A61C 5/025](#) takes precedence)
- 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](#))
- 19/041 . . {for measuring the length of the root canal of a tooth}
- 19/042 . . {for determining the position of a root apex}
- 19/043 . . {Depth measuring of periodontal pockets; Probes therefor}
- 19/045 . . for recording mandibular movement, e.g. face bows
- 19/05 . . for determining occlusion