

A61C

DENTISTRY; APPARATUS OR METHODS FOR ORAL OR DENTAL HYGIENE (non-driven toothbrushes A46B; [N: tongue scrapers A61B17/24;] preparations for dentistry A61K6/00; preparations for cleaning the teeth or mouth A61K8/00, A61Q11/00)

Definition statement

This subclass/group covers:

Apparatus (i.e. instruments, implements, machines, structures, tools) or processes that are specially adapted for, or limited to use in, creating artificial teeth, mounting artificial teeth, supporting artificial teeth, or repairing artificial teeth or their supports (e.g. denture articulators), and wherein the dental prostheses made or fixed by the apparatus or process are used exclusively for humans or both humans and animals.

Apparatus or methods utilized to prevent, discourage, or cure oral diseases (i.e. diseases occurring exclusively within the oral cavity such as enamel caries or periodontitis) in humans or both humans and animals.

Apparatus, devices, or methods used for one or more of the following:

- correcting abnormalities or injuries that prevent the proper or desired bringing together of the cooperating surfaces of natural teeth, or their artificial replacements that are permanently affixed within the mouth, located on opposite jaws;
- preserving or rectify the appropriate or desired relative positioning, separation gaps, or alignment of natural teeth; or
- preventing or repairing damage to natural teeth or their appropriate or desired relative positioning, separation gaps, or alignment (e.g. devices that surround or cover teeth to prevent grinding).

Apparatus (i.e. instruments, implements, machines, structures, tools) or processes that are specially adapted for, or limited to use in, the treatment, reconstruction, removal, insertion, replacement, repair, transfixing or testing of either natural teeth, artificial teeth that are permanently affixed within the oral cavity, gums, or other portions of the oral cavity having an effect on their operation (e.g. portions of jawbone supporting teeth), and wherein the apparatus or processes are used exclusively for humans or both humans and animals.

Apparatus, devices, or methods used for

- sanitizing the oral cavity or dental prostheses (e.g. gargling devices, washing means);
- removing foreign matter (e.g. food) or undesirable naturally occurring

matter (e.g. plaque, calculus) from the surfaces of teeth, gums, or dental prostheses; or

- stimulating gums.

Dental prostheses devices or artificial dental implant devices per se or their components (e.g. artificial teeth, mounting or attaching means for artificial teeth, devices for supplementing jawbones, crowns) used within the oral cavity.

Dental implants formed from biological material or consisting of oral cavity parts originating either from a donor source or from the patient that are intended to be introduced, or reintroduced, into the patient's oral cavity to correct a dental or oral hygiene problem (e.g. modified natural teeth or jawbone material from a donor).

Adjunct, auxiliary, or supplementary means or structures that contribute to the effectiveness or safety of dental procedures or their products and are specially adapted to be used either:

- during dentistry procedures (e.g. saliva removers, medication suppliers, drainage treatment);
- with the products of dental procedures (e.g. artificial teeth supports); or
- during the making of dental prostheses (e.g. stands for impression trays).

Specially adapted components of apparatus having structural features limiting them to use with at least one of the dental apparatus types specified above (e.g. dust collectors, illumination devices).

Accessories specially adapted for use with at least one of the above types of apparatus, means, or structures (e.g. devices for measuring the length of the root canal of a tooth).

Relationship between large subject matter areas

Subclass [A46B](#) covers manually moved or powered brushes, and in particular toothbrushes, used for cleaning that are not specifically provided for elsewhere. It also covers arrangements of brush bristles per se and the handle structure for brushes.

Subclass [A61D](#) covers devices used by individuals to remove foreign matter from the surface of the teeth of animals or enhance the appearance of the teeth of animals when the device is not specifically provided for elsewhere and is limited to use solely on animals.

Subclass [A61G](#) covers dental work stands and dental or operating chairs.

Subclass [A61K](#) covers preparations that are used for medical, dental, or cosmetic purposes in the oral cavity.

Subclass [A61Q](#) covers preparations for care of the teeth, of the oral cavity or of dentures e.g. toothpastes, mouth rinses.

References relevant to classification in this subclass

This subclass/group does not cover:

Positioning or arrangements of toothbrush bristles per se for manual or powered toothbrushes	A46B 9/04
Tongue scrapers	A61B 17/24
Dental work stands	A61G 15/14
Dental hypodermic syringes	A61M 5/178

Informative references

Attention is drawn to the following places, which may be of interest for search:

Apparatus for passive exercising	A61H 1/00
Gum massage	A61H 13/00
Exercising apparatus specially adapted for particular parts of the body	A63B 23/00

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Oral cavity	The part of human or animal mouth that includes the inside lining of the lips and cheeks (buccal mucosa), the teeth or their artificial permanently affixed replacements, the gums, the front two-thirds of the tongue, the floor of the mouth below the tongue, the bony roof of the mouth (hard palate), and the area immediately behind the wisdom teeth (retromolar trigone).
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A61C 1/00

Dental machines for boring or cutting; General features of dental machines or apparatus, e.g. hand-piece design

Definition statement

This subclass/group covers:

Dental hand-pieces used by the dentist;
the control system of said hand-pieces;
the power and fluid supply to said hand-pieces;
the design of said hand-pieces;
the mechanical drive of said hand-pieces;
accessories and details of said hand-pieces.

References relevant to classification in this group

This subclass/group does not cover:

Handpiece holder	A61G 15/16
Dental working tool itself (e.g. drill, burr)	A61C 3/02

A61C 1/0007

[N: Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus A61C1/0069)]

References relevant to classification in this group

This subclass/group does not cover:

Fluid temperature control in air and water supply systems of dental machines or apparatus	A61C 1/0069
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Control means or display unit for bone cutting tools	A61B 17/1626
Dental chair control	A61G 15/02

A61C 1/0015

[N: Electrical systems]

Definition statement

This subclass/group covers:

The electrical or electronic control systems.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Driving circuit for apparatus generating mechanical vibrations	B06B 1/0207 ; B06B 1/02T6G
Control means or display unit for bone cutting tools	A61B 17/1626

A61C 1/0023

[N: Foot control]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Pedal operated surgical instruments	A61B 17/00V2
Controlling members actuated by foot	G05G 1/30

A61C 1/0046

[N: Dental lasers (surgical lasers A61B18/20; working by laser

beam in general B23K26/00; lasers per se H01S3/00)]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Surgical lasers	A61B 18/20
Working by laser beam in general	B23K 26/00
Lasers per se	H01S 3/00

A61C 1/0061

[N: Air and water supply systems; Valves specially adapted therefor (A61C1/052 takes precedence; rinsing or air-blowing devices A61C17/02)]

References relevant to classification in this group

This subclass/group does not cover:

Duck for supplying driving or cooling fluid	A61C 1/052
Rinsing or air-blowing devices	A61C 17/02

A61C 1/0076

[N: Sterilising operating fluids or fluid supply elements such as supply lines, filters (sterilisation of liquid substances in general A61L2/18)]

References relevant to classification in this group

This subclass/group does not cover:

Sterilisation of liquid substances in general	A61L 2/18
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Filters in general	B01D 61/00
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A61C 1/0084

[N: Supply units, e.g. reservoir arrangements, specially adapted pumps]

References relevant to classification in this group

This subclass/group does not cover:

Container filling apparatus for tooth cleansing handpieces with fluid jets	A61C 17/0205
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A61C 1/06

with electric drive

Relationship between large subject matter areas

Electrical motors [H02K](#).

Informative references

Attention is drawn to the following places, which may be of interest for search:

Electromotors	H02K 29/00
Electromotors casing	H02K 5/08

A61C 1/07

with vibratory drive, e.g. ultrasonic

References relevant to classification in this group

This subclass/group does not cover:

Vibrating working tool itself	A61C 3/03
Vibrating tooth cleaning device, e.g. ultrasonic toothbrush	A61C 17/20 ; A61C 17/32

Informative references

Attention is drawn to the following places, which may be of interest for search:

Vibrating surgical tool in general	A61B 17/320068
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A61C 1/082

[N: Positioning or guiding, e.g. of drills]

Definition statement

This subclass/group covers:

Mechanical or electronic device to assist positioning of the tool in the jaw.

References relevant to classification in this group

This subclass/group does not cover:

Guide for jaw with no dental, orthodontic or dental prosthesis/implant purpose	A61B 17/176
Root canal depth control	A61C 5/025

Informative references

Attention is drawn to the following places, which may be of interest for search:

Surgical abutting means	A61B 19/00L6
Surgical depth measuring means	A61B 19/00G2
Surgical tool tracking system	A61B 19/00N6T

A61C 1/084

[N: of implanting tools]

Definition statement

This subclass/group covers:

Guiding/positioning means for dental implanting purpose.

Relationship between large subject matter areas

Marker e.g. radio-opaque [A61B 19/00R](#).

A61C 1/088

[N: Illuminating devices or attachments (for examination of the mouth A61B1/24B)]

Definition statement

This subclass/group covers:

Illuminating devices for the dental handpiece.

Relationship between large subject matter areas

Light guide [G02B 6/00](#).

References relevant to classification in this group

This subclass/group does not cover:

Diagnostic using light for oral/dental tissue e.g. carry detection	A61B 5/00P8
Dental laser	A61C 1/0046
Illuminating arrangement in general for surgery/dentistry	F21S 8/00R2D F21S 8/00R2M
Dental curing device by radiation	A61C 19/004

Informative references

Attention is drawn to the following places, which may be of interest for search:

Instrument for medical examination of mouth / with illuminating arrangements	A61B 1/24 A61B 1/06
Instrument for medical examination of the mouth	A61B 1/24
Device for illuminating surgical field	A61B 19/00N2

(in relation with image producing)	
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A61C 1/142

[N: Operating tool blocking means]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Enabling torque transmission without clamping the tool	A61B 17/162
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A61C 1/144

[N: constricting the operating tool, e.g. chuck]

Definition statement

This subclass/group covers:
Systems for clamping the tool.

A61C 1/145

[N: Instruments or accessories for tool holders]

Definition statement

This subclass/group covers:
For instruments not being part of the tool holder, e.g. separate instrument for removing the tool.

A61C 1/16

Protecting caps for hand-pieces or angle-pieces

Definition statement

This subclass/group covers:
Devices for protecting hand-pieces, e.g. covers to prevent cross-contamination.

A61C 1/18

Flexible shafts; Clutches or the like; [N: Bearings or lubricating arrangements; Drives or transmissions] (flexible shafts in general F16C; clutches in general F16D)

Relationship between large subject matter areas

Flexible shafts in general [F16C](#).

Clutches in general [F16D](#).

A61C 1/181

[N: Bearings or lubricating arrangements, e.g. air-cushion bearings]

Relationship between large subject matter areas

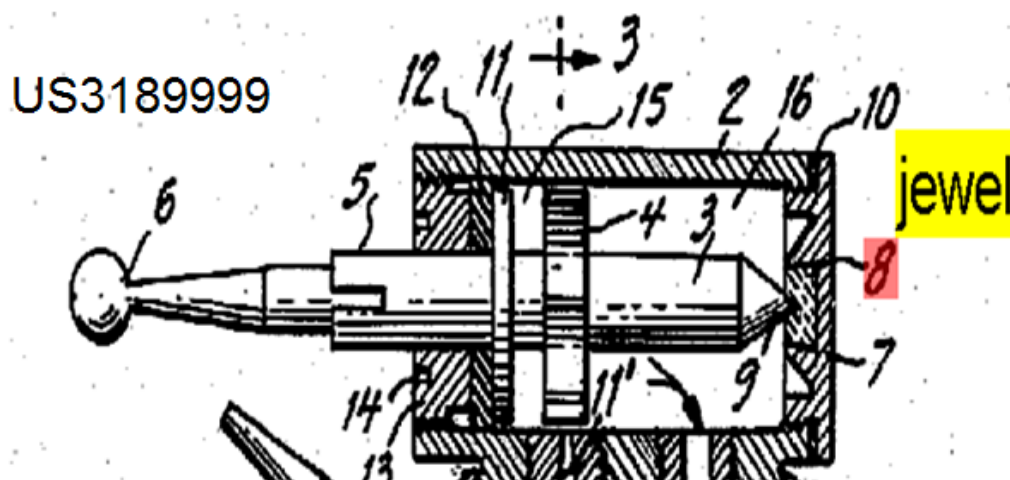
Bearing [F16C](#).

A61C 1/183

[N: Jewel bearings]

Definition statement

This subclass/group covers:



A61C 3/00

Dental tools or instruments (implanting tools A61C8/00; tools for fastening artificial teeth A61C13/12; visual inspection devices, e.g. dental mirrors, A61B1/24)

References relevant to classification in this group

This subclass/group does not cover:

Implanting tools	A61C 8/0089
Tools for fastening artificial teeth	A61C 13/12
Visual inspection devices, e.g. dental mirrors	A61B 1/24

A61C 3/005

[N: Brushes for applying dental compositions]

Relationship between large subject matter areas

Brushes in general [A46B](#).

A61C 3/03

Instruments operated by vibrations

References relevant to classification in this group

This subclass/group does not cover:

Vibration producing handpieces	A61C 1/07
Ultrasonic dental scalers	A61C 17/20

A61C 3/06

Tooth grinding or polishing discs; Holders therefor [N: (prophylactic cups A61C17/005)]

References relevant to classification in this group

This subclass/group does not cover:

Prophylactic cups	A61C 17/005
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A61C 5/00

Filling or capping teeth

Definition statement

This subclass/group covers:

Implements for filling or restoring the teeth, e.g. onlays, inlays.

References relevant to classification in this group

This subclass/group does not cover:

Prophylactic cups	A61C 17/005
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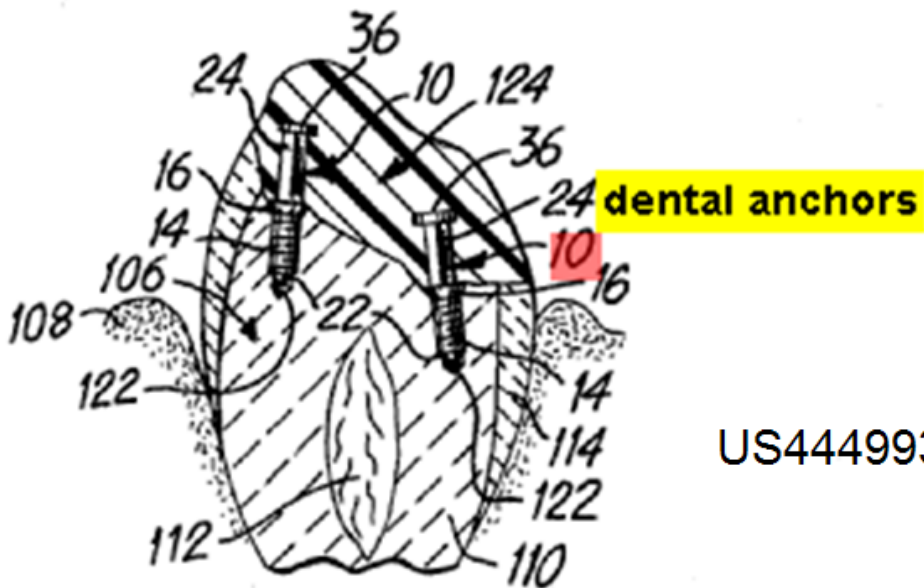
A61C 5/005

[N: Dental anchoring pins; Mounting tools or dispensers therefor (A61C13/30 takes precedence)]

Definition statement

This subclass/group covers:

Pins fixing the filling to the rest of the natural crown.



References relevant to classification in this group

This subclass/group does not cover:

Dental posts	A61C 13/30
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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 A61K6/00)

Relationship between large subject matter areas

Substances for chemical treatment [A61K](#).

References relevant to classification in this group

This subclass/group does not cover:

Devices for measuring the length of the root canal of a tooth	A61C 19/041
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A61C 5/023

[N: Root canal files; Handgrips or guiding means therefor (A61C1/082, A61C5/025, A61C19/02 take precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Guiding of dental instruments	A61C 1/082
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A61C 5/025

[N: Depth control, e.g. for files; Supports or boxes with depth gauging means; Stop positioners; Instruments adjustably mounted in handle portion]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Stops for surgical instruments	A61B 19/00L6T
Stops for drill	B23B 49/005

A61C 5/04

Implements for filling natural teeth; Methods or instruments for medication of tooth nerve channels ([N: rinsing tooth nerve channels A61C17/02]; composition of the fillings A61K6/02)

Definition statement

This subclass/group covers:

Instruments, devices for filling/sealing a root canal, pins made of gutta percha.

References relevant to classification in this group

This subclass/group does not cover:

Rinsing tooth nerve channels	A61C 17/02
Composition of the fillings	A61K 6/02
Posts for supporting a prosthesis	A61C 13/30

A61C 5/06

Amalgam presses or mixers [N: (A61C19/005 takes precedence)]

Definition statement

This subclass/group covers:

References relevant to classification in this group

This subclass/group does not cover:

Trays fro mixing substances	A61C 19/005
Brushes for applying dental materials	A61C 3/005

A61C 5/062

[N: Dental composition applicators, e.g. syringes, guns (A61C9/0026 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Dispenser for dental impression materials	A61C 9/0026
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A61C 5/064

Multi-component applicators

Relationship between large subject matter areas

Mixing of materials [B01F](#).

Informative references

Attention is drawn to the following places, which may be of interest for search:

Two barrel syringes	B65D 81/325
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A61C 5/08

Tooth crowns; Making same; Securing crowns in the mouth (dental implants A61C8/00)

Definition statement

This subclass/group covers:
Structure, shape of crowns.

References relevant to classification in this group

This subclass/group does not cover:

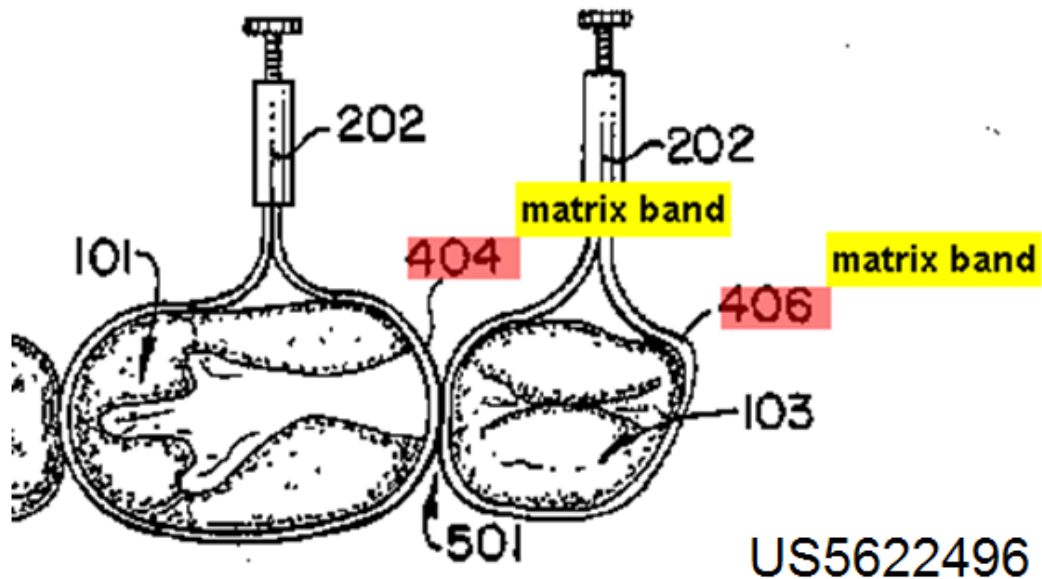
Superstructures for dental implants	A61C 8/0048
Manufacturing of crowns	A61C 13/0003 , A61C 13/20
Creation of the colour of crowns	A61C 13/082

A61C 5/10

Methods or devices for making crowns [N: (A61C13/0004 takes precedence)]

Definition statement

This subclass/group covers:

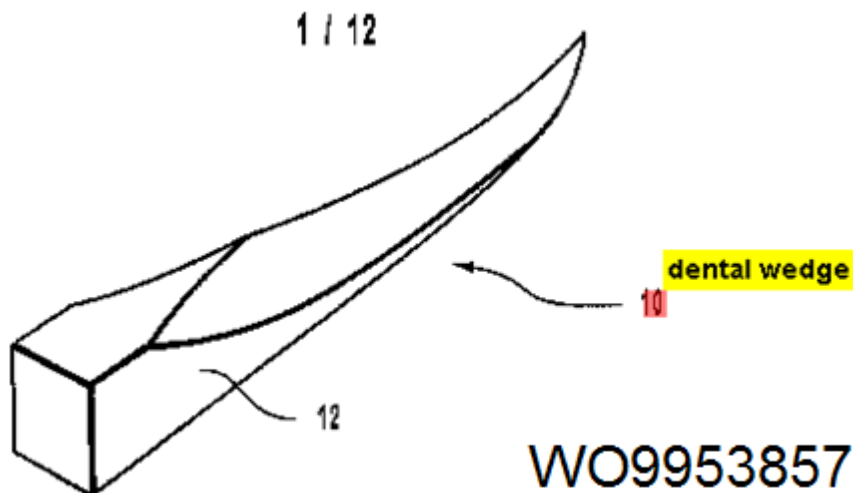


A61C 5/127

[N:Dental wedges]

Definition statement

This subclass/group covers:



A61C 5/14

Lip or mouth protectors

References relevant to classification in this group

This subclass/group does not cover:

Mouth opener for diagnostic purposes	A61B 1/24
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Mouthpieces for tracheal tubes	A61M 16/0488
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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 7/02

Tools for manipulating or working with an orthodontic appliance [N: (tools for placement of brackets A61C7/146; Instruments for attaching elastic bands A61C7/306)]

References relevant to classification in this group

This subclass/group does not cover:

Tools for placement of brackets	A61C 7/146
Instruments for attaching elastic bands	A61C 7/306

A61C 7/08

Mouthpiece-type retainers [N: or positioners, e.g. for both the lower and upper arch (arch-shaped medicament applicators for teeth or gums A61C19/063; mouthguards for protecting the teeth of sportsmen A63B71/085)]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Mouthguards for protecting the teeth of sportsmen	A63B 71/085
Arch-shaped medicament applicators for teeth or gums	A61C 19/063
Anti-snoring devices, bruxism protective devices	A61F 5/566
Exercising devices	A63B 23/032

A61C 7/14

Brackets (A61C7/28 takes precedence); Fixing brackets to teeth

References relevant to classification in this group

This subclass/group does not cover:

Connection of arch wires to brackets	A61C 7/28
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A61C 7/143

[N: Brackets with two or more recesses for arch wires]

Definition statement

This subclass/group covers:

Brackets with two or more slots for receiving arch wires.

A61C 7/20

Arch wires (A61C7/28 takes precedence)

References relevant to classification in this group

This subclass/group does not cover:

Connection of arch wires to brackets	A61C 7/28
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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 A61C13/30)

References relevant to classification in this group

This subclass/group does not cover:

Fastening of peg-teeth in the mouth	A61C 13/30
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A61C 8/0001

[N: Impression means for implants, e.g. impression coping]

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

Analog	transfer copings
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A61C 8/0006

[N: Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants A61F2/2846)]

References relevant to classification in this group

This subclass/group does not cover:

Support means for endoprosthetic bone substitute or bone graft implants	A61F 2/2846
Bone prostheses for mandibular reconstruction	A61F 2/2803
Tools for implanting bone graft	A61F 2/4601
Compression or distraction mechanisms for jaw bones	A61B 17/663
Sinus surgical tool	A61B 17/1688

Instruments for sinus lifting	A61C 8/0092
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A61C 8/0009

[N: Consolidating prostheses or implants, e.g. by means of stabilising pins (A61C8/0031 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Juxtaosseous implants	A61C 8/0031
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A61C 8/001

[N: Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions]

Definition statement

This subclass/group covers:

Implants which are introduced laterally.

A61C 8/0012

[N: characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials A61K6/00)]

Relationship between large subject matter areas

Materials for dental implants [A61K 6/00](#).

Informative references

Attention is drawn to the following places, which may be of interest for search:

Special external bone-contacting surfaces, e.g. coating for improving bone ingrowth	A61F 2/30767
Materials for coating prostheses	A61L 27/28

A61C 8/0013

[N: with a surface layer, coating]

References relevant to classification in this group

This subclass/group does not cover:

Roughness aspects	A61C 8/00F30T
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A61C 8/0015

[N: being a conversion layer, e.g. oxide layer]

Definition statement

This subclass/group covers:

Dental implants with an outer surface treated chemically.

A61C 8/0022

[N: Self-screwing (A61C8/0028 takes precedence)]

Definition statement

This subclass/group covers:

Threaded dental implants.

References relevant to classification in this group

This subclass/group does not cover:

Pins, needles; Head structures therefor	A61C 8/0028
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A61C 8/0028

[N: Pins, needles; Head structures therefor (A61C8/0004, A61C8/0009 take precedence)]

References relevant to classification in this group

This subclass/group does not cover:

For consolidating natural teeth	A61C 8/0004
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For stabilising dental implants	A61C 8/0009
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A61C 8/00F30T

with a textured surface, microstructure, nanostructure

References relevant to classification in this group

This subclass/group does not cover:

Implants with microthreadings	A61C 8/0022
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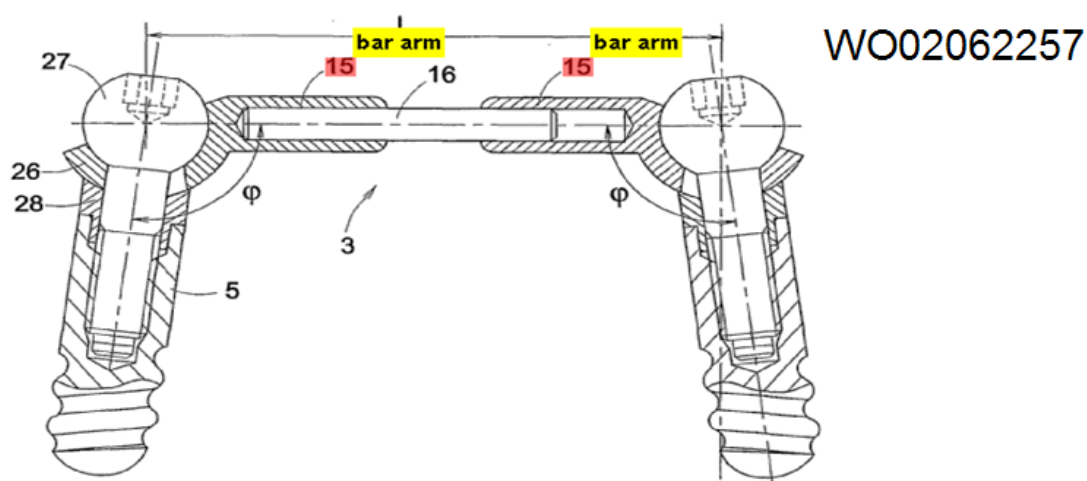
A61C 8/0048

[N: Connecting the upper structure to the implant, e.g. bridging bars (A61C8/0028 takes precedence)]

Definition statement

This subclass/group covers:

The upper structure is the part connected on top of the abutment or implant head; the "upper structure" can be the prosthesis (crown, bridge, etc) or an intermediate part connecting the prosthesis to the abutment/implant head.



References relevant to classification in this group

This subclass/group does not cover:

Connection to the remaining teeth	A61C 13/225
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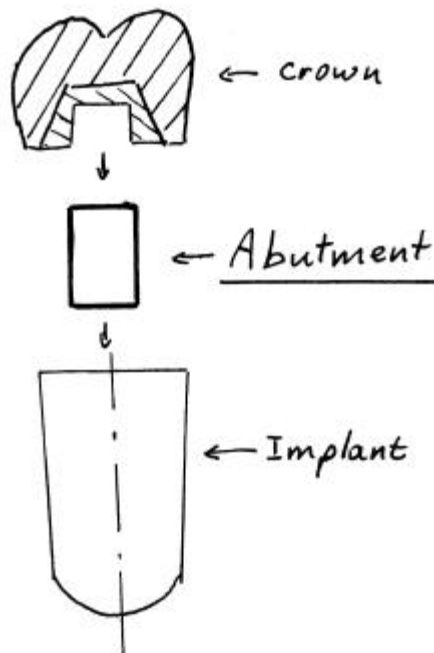
A61C 8/005

[N: Connecting devices for joining an upper structure with an implant member, e.g. spacers]

Definition statement

This subclass/group covers:

Dental implant abutments connecting the upper structure with the implant.



A61C 8/0051

Abutment monobloc with restoration

Definition statement

This subclass/group covers:

The abutment and the prosthesis form a one-piece element.

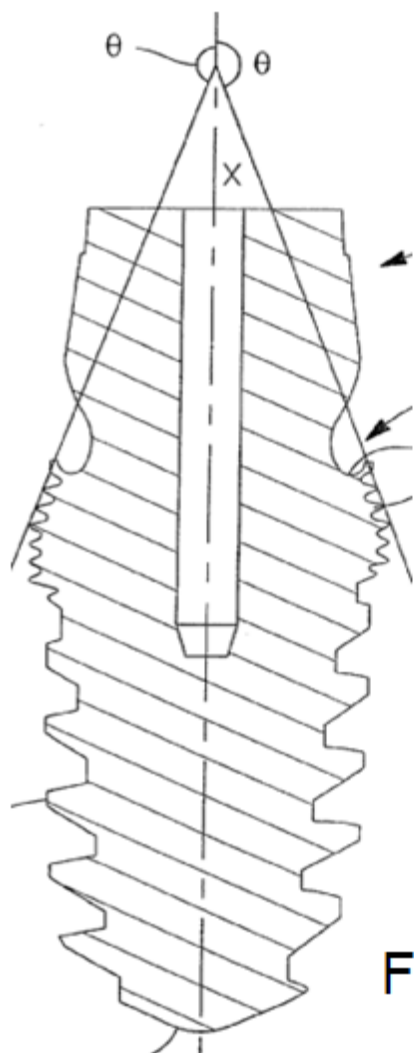
A61C 8/0075

[N: Implant heads specially designed for receiving an upper structure (if separable from the implant A61C8/005)]

Definition statement

This subclass/group covers:

Monobloc implants; abutment being integral with the implant.



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References relevant to classification in this group

This subclass/group does not cover:

Separable abutments	A61C 8/005
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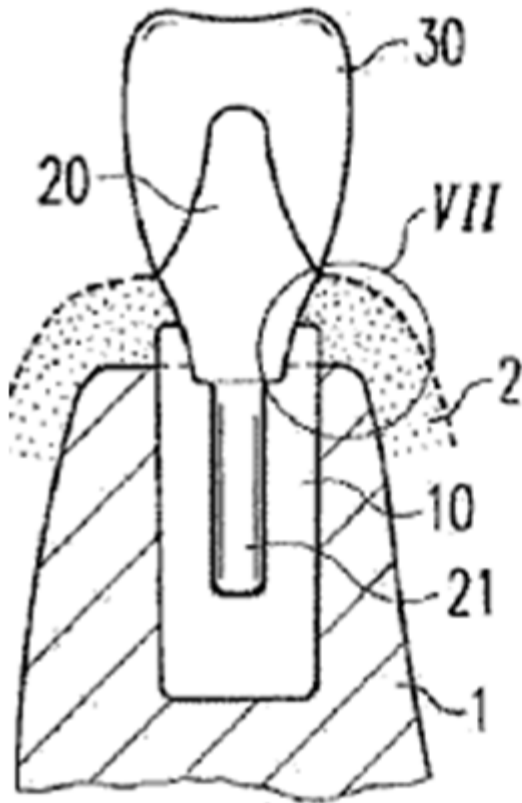
A61C 8/0078

[N: with platform switching, i.e. platform between implant and abutment]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



US2008057475

A61C 8/0092

[N: for sinus lifting]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sinus surgical tool	A61B 17/1688
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A61C 9/00

Impression cups, [N: i.e. impression trays]; Impression methods [N: (computer-assisted sizing A61C13/0004; instruments for determining occlusion A61C19/05)]

References relevant to classification in this group

This subclass/group does not cover:

Computer-assisted sizing	A61C 13/0004
Instruments for determining occlusion	A61C 19/05

A61C 9/002

[N: Means or methods for correctly replacing a dental model, e.g. dowel pins; Dowel pin positioning means or methods]

Definition statement

This subclass/group covers:

Means for repositioning cut teeth of a dental model on a base.

A61C 9/0026

[N: Syringes or guns for injecting impression material; Mixing impression material for immediate use]

References relevant to classification in this group

This subclass/group does not cover:

Flow mixers	B01F 5/00
Mixers with rotary stirring devices in fixed receptacles	B01F 7/00

A61C 11/00

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

A61C 11/001

Non-pivoting

Definition statement

This subclass/group covers:

Articulators with non-pivoting upper model supporting part.

A61C 11/003

[N: with height adjustments thereof]

Definition statement

This subclass/group covers:

The distance between the upper and the lower dental casts is adjustable.

A61C 11/005

[N: with tracing devices]

Definition statement

This subclass/group covers:

Pens or drawing devices mounted on the articulator for drawing marking lines.

A61C 11/006

[N: with an occlusal plate]

Definition statement

This subclass/group covers:

Occlusal guide plate.

A61C 13/00

Dental prostheses; Making same (tooth crowns for capping teeth A61C5/08; dental implants A61C8/00)

A61C 13/0004

Computer-assisted sizing or machining of dental prostheses

Informative references

Attention is drawn to the following places, which may be of interest for search:

Computer assisted design	G06F 17/50
Digitized impressions	A61C 9/004
Image analysis	G06T 7/00
Medical data manipulation	G06F 19/00M

A61C 13/0007

[N: using sand blasting]

Relationship between large subject matter areas

Abrasive blasting [B24C](#).

A61C 13/0018

[N: using laser]

References relevant to classification in this group

This subclass/group does not cover:

Stereolithographic techniques	A61C 13/0013
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A61C 13/0025

[N: Linings]

Definition statement

This subclass/group covers:

Layer of a denture contacting the soft tissue or palate of a user.

A61C 13/082

[N: Cosmetic aspects, e.g. inlays; Determination of the colour (A61C19/10 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Shade guides	A61C 19/10
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A61C 13/083

Porcelain or ceramic teeth [N: (A61C13/081 takes precedence; preparations A61K6/02)]

References relevant to classification in this group

This subclass/group does not cover:

Preparations	A61K 6/02
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A61C 13/0835

[N: Ceramic coating on metallic body]

References relevant to classification in this group

This subclass/group does not cover:

Forming processes of shaped ceramic products	C04B 35/622
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A61C 13/12

Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth [N: (A61C8/0089 takes precedence)]

Definition statement

This subclass/group covers:

Tools for dental technicians to make or work with prostheses (not for use in the mouth).

References relevant to classification in this group

This subclass/group does not cover:

Dust removing on dental workplaces	A61C 19/007
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A61C 13/14

Vulcanising devices for artificial teeth ([N: by radiation A61C19/003]; apparatus for curing, e.g. vulcanising, of plastics or substances in a plastic state, in general B29C35/00)

Relationship between large subject matter areas

Apparatus for curing, e.g. vulcanising, of plastics or substances in a plastic state [B29C](#).

References relevant to classification in this group

This subclass/group does not cover:

Curing by radiation	A61C 19/003
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A61C 13/20

Methods or devices for soldering, casting, moulding or melting [N: (A61C13/04, A61C13/081 take precedence)]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Oven for dental parts	F27B 17/025
Sintering of metal powders	B22F 3/10

A61C 13/225

Fastening prostheses in the mouth [N: (A61C8/0048 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Fastening on dental implants	A61C 8/0048
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A61C 13/235

Magnetic fastening ([N: A61C8/0081 takes precedence]; magnetic implants A61C8/00)

References relevant to classification in this group

This subclass/group does not cover:

Magnetic dental implant retention systems	A61C 8/0081
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A61C 13/24

Fastening by suction, [N: i.e. total dentures (A61C8/00, A61C13/235, A61C13/28 take precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Implants supported restorations, connecting bars	A61C 8/0048
Magnetic fastening	A61C 13/235
Fastening by spring action between upper and lower denture	A61C 13/28

A61C 13/30

Fastening of peg-teeth in the mouth

Definition statement

This subclass/group covers:

Pins or posts for fixing a prosthesis like an artificial crown to a natural tooth root.

A61C 15/00

Devices for cleaning between the teeth

A61C 15/02

Toothpicks

References relevant to classification in this group

This subclass/group does not cover:

Interdental cleaning band without sharp tip	A61C 15/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Brushes fitted with a toothpick	A46B 15/0069
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A61C 15/041

[N: Dental floss (chemical aspects A61Q11/00)]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Chemical aspects	A61Q 11/00
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A61C 15/043

[N: Containers, dispensers, or the like, e.g. with cutting means (A61C15/046 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Containers integrated in a flossing tool	A61C 15/046
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Packages and dispensers for sutures	A61B 17/06114
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A61C 17/00

Devices for cleaning, polishing, rinsing or drying teeth, teeth cavities or prostheses (instruments acting like a sandblast machine A61C3/025; tooth polishing discs or holders therefor A61C3/06; devices for cleaning between the teeth A61C15/00); Saliva removers; Dental appliances for receiving spittle

References relevant to classification in this group

This subclass/group does not cover:

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
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A61C 17/005

[N: Devices for dental prophylaxis]

Definition statement

This subclass/group covers:

Cups to put pastes in, e.g. abrasive paste, fluoride paste; tools for rotating the cups.

A61C 17/02

Rinsing or air-blowing devices, e.g. using fluid jets [N: or comprising liquid medication] ([N: air and water supply systems in dental machines in general A61C1/0061; with particulate material supply A61C3/025;] combined with power-driven cleaning or polishing devices A61C17/16)

References relevant to classification in this group

This subclass/group does not cover:

Air and water supply systems in dental machines	A61C 1/0061
With particulate material supply	A61C 3/025
Combined with power-driven cleaning or polishing devices	A61C 17/16

A61C 17/0208

[N: combined with means providing suction (A61C17/0211 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Specially adapted for rinsing the teeth of at least one jaw simultaneously	A61C 17/0211
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A61C 17/028

with intermittent liquid flow [N: (A61C17/0211 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Specially adapted for rinsing the teeth of at least one jaw simultaneously	A61C 17/0211
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A61C 17/036

Cleaning devices for [N: dental] prostheses [N: removed from the oral cavity (using ultrasonics B08B3/12)]

References relevant to classification in this group

This subclass/group does not cover:

Manual brushes for cleaning dentures	A46B 20/10G
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A61C 17/043

[N: Aspiration tips (aspiration combined with rinsing or liquid medication A61C17/0208)]

References relevant to classification in this group

This subclass/group does not cover:

Aspiration combined with rinsing or liquid medication	A61C 17/0208
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Taking sample of saliva	A61B 10/0051
Drainage tubes, aspiration tips	A61M 1/008

Surgical instruments with suction cup	A61B 2017/308
Measuring saliva production	A61B 5/00E

A61C 17/046

[N: characterised by provisions for processing the collected matter, e.g. for separating solids or air (similar devices for medical use A61M1/0056)]

References relevant to classification in this group

This subclass/group does not cover:

Similar devices for medical use	A61M 1/0056
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A61C 17/16

Power-driven cleaning or polishing devices

Informative references

Attention is drawn to the following places, which may be of interest for search:

Other power driven brushes	A46B 13/02
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A61C 17/20

Using ultrasonics

Definition statement

This subclass/group covers:

Ultrasonic dental scalers, ultrasonic toothbrushes.

References relevant to classification in this group

This subclass/group does not cover:

Vibrating dental tools	A61C 3/03
Dental handpieces producing vibrations	A61C 1/07

A61C 17/22

with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles A46B)

Relationship between large subject matter areas

Brush bodies, e.g. arrangements of the bristles [A46B](#).

A61C 17/221

[N: Control arrangements therefor]

References relevant to classification in this group

This subclass/group does not cover:

Controlling pressure applied to the teeth	A46B 15/0012
Time brushing control	A46B 15/0008
Control of brush life	A46B 15/001

A61C 17/222

[N: Brush body details, e.g. the shape thereof or connection to handle]

Relationship between large subject matter areas

Arrangements of bristles [A46B](#).

Material aspects of bristles [A46D](#).

A61C 17/227

[N: with reservoirs, e.g. for toothpaste]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Manual toothbrushes with reservoirs	A46B 11/00
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Power driven brushes with reservoirs	A46B 13/04
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A61C 17/24

rotating continuously (A61C17/40 takes precedence)

References relevant to classification in this group

This subclass/group does not cover:

With a nutating movement	A61C 17/40
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A61C 17/30

Driven by hydraulic motor, e.g. water motor

Informative references

Attention is drawn to the following places, which may be of interest for search:

Power driven brushes	A46B 13/06
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A61C 17/3409

[N: characterized by the movement of the brush body]

Definition statement

This subclass/group covers:

Power toothbrushes characterized by movements of the oscillating brush body.

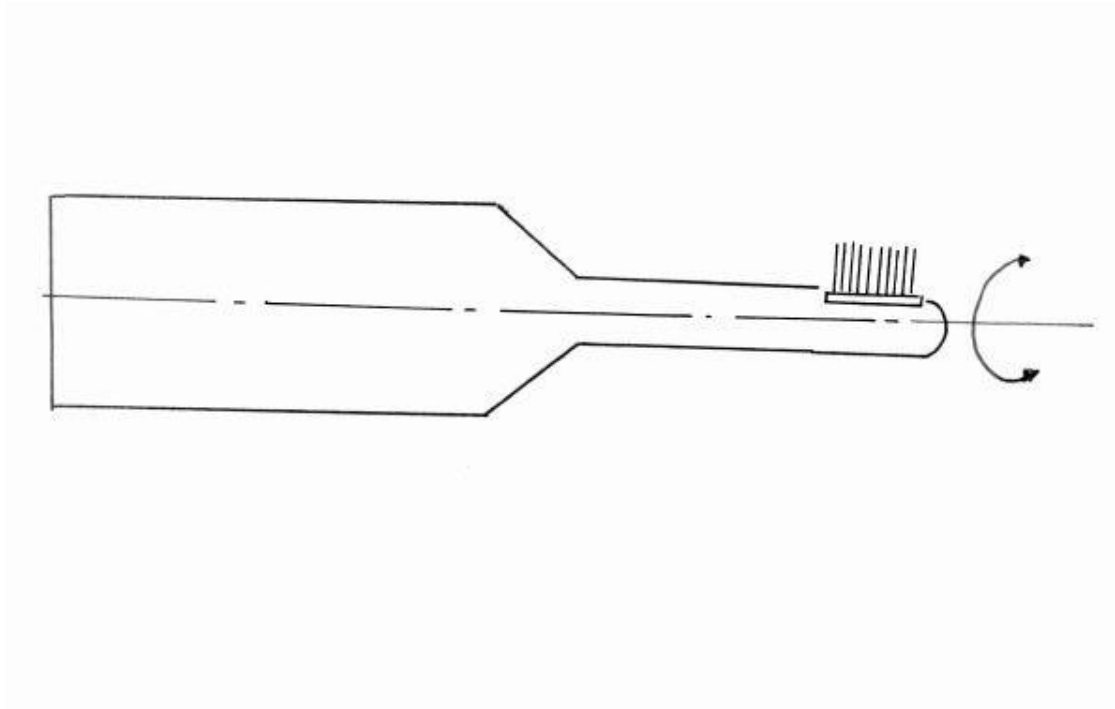
A61C 17/3418

[N: Rotation around the axis of the toothbrush handle]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



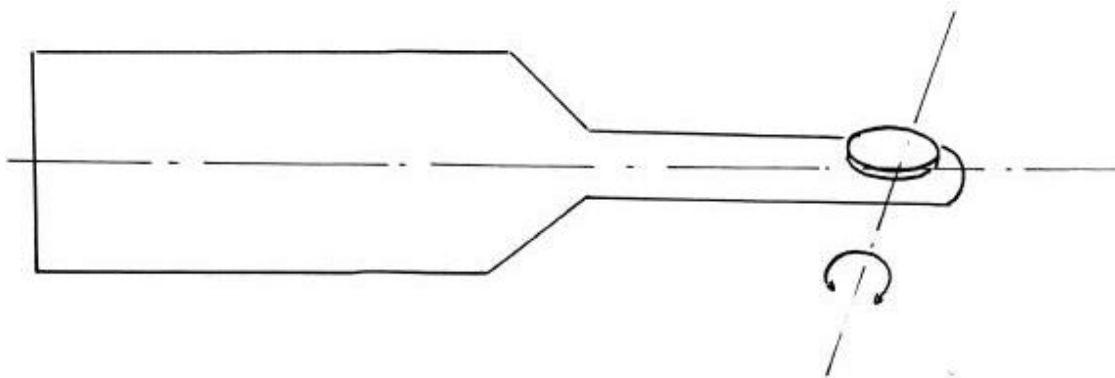
A61C 17/3427

[N: Rotation around the axis perpendicular to the axis of toothbrush handle and in the plane defined by the bristle holder]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



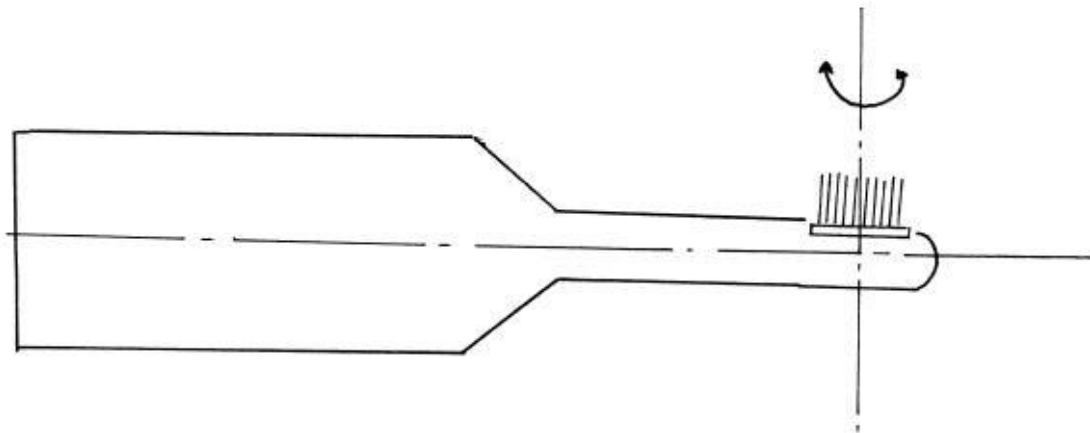
A61C 17/3436

[N: Rotation around the axis perpendicular to the plane defined by the bristle holder]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



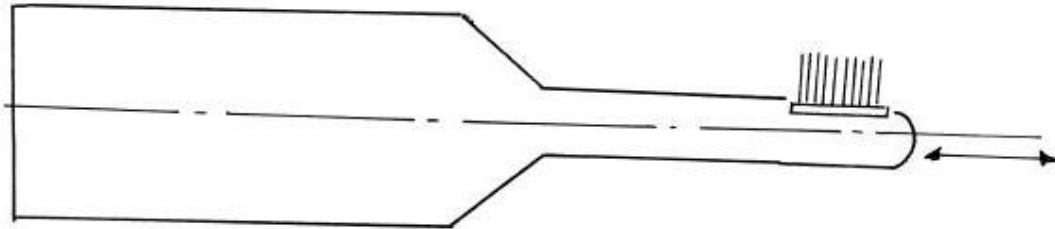
A61C 17/3445

[N: Translation along the axis of the toothbrush handle]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



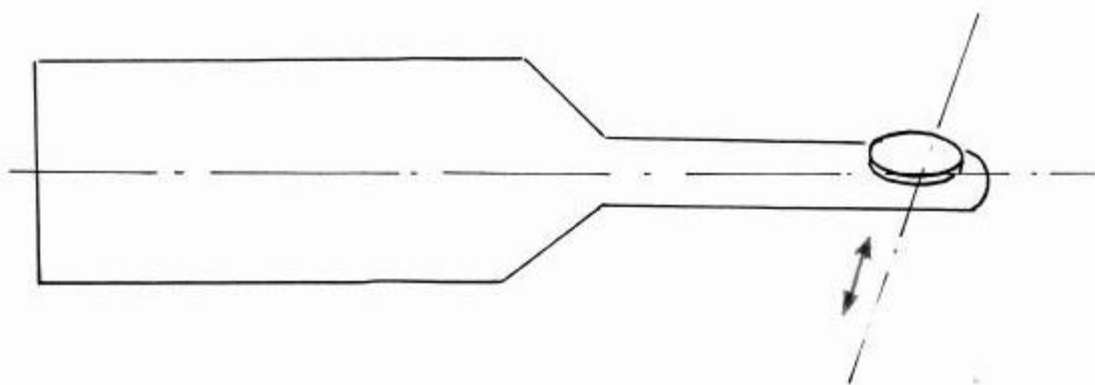
A61C 17/3454

[N: Translation along the axis perpendicular of the axis of toothbrush handle and in the plane defined by the bristle holder]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



A61C 17/3463

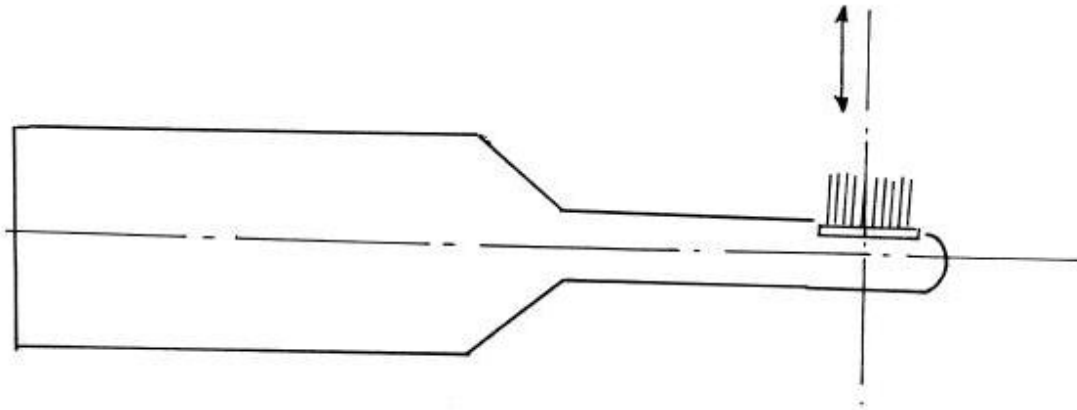
[N: Translation along the axis perpendicular to the plane

defined by the bristle holder]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



A61C 17/3472

[N: with combined movements of the brush body]

Special rules of classification within this group

Brushes with combined motions are classified in [A61C 17/3472](#) (but not [A61C 17/3418](#) to [A61C 17/3463](#)) and are given separate Indexing Codes ([A61C 17/3418](#) to [A61C 17/3463](#)) for each movement.

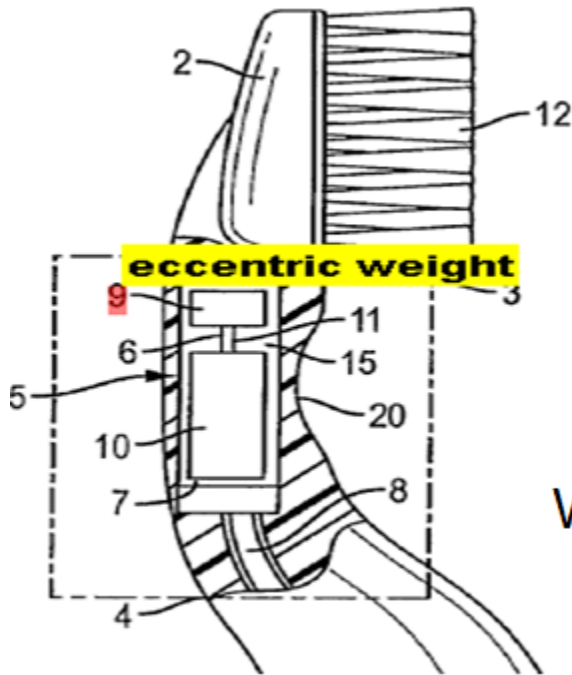
A61C 17/3481

[N: Vibrating brush body, e.g. by using eccentric weights]

Definition statement

This subclass/group covers:

Illustrative example of subject matter classified in this group.



WO2007014232

A61C 17/349

[N: with multiple brush bodies]

Special rules of classification within this group

The movements of the individual brush bodies are classified with the Indexing Codes ([A61C 17/3418](#) to [A61C 17/3463](#)) and not the classes ([A61C 17/3418](#) to [A61C 17/3463](#)).

A61C 19/00

Dental auxiliary appliances (dental chairs or accessories therefor, working stands whether or not combined with chairs A61G15/00)

References relevant to classification in this group

This subclass/group does not cover:

Dental chairs or accessories therefor, working stands whether or not combined with chairs	A61G 15/00
Model tooth/jaw for teaching	G09B 23/283

A61C 19/001

[N: Holders for absorbent pads (absorbent pads per se A61F13/00)]

Informative references

Attention is drawn to the following places, which may be of interest for search:

Absorbent pads per se	A61F 13/00
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A61C 19/002

[N: Cleaning devices specially adapted for dental instruments (disinfecting A61L2/00 ; cleaning in general B08B)]

Relationship between large subject matter areas

Cleaning in general [B08B](#).

References relevant to classification in this group

This subclass/group does not cover:

Disinfecting	A61L 2/00
Cleaning of devices for surgical instruments	A61B 19/00C

A61C 19/02

Protective casings, e.g. boxes for instruments; Bags; [N: (A61C5/025 takes precedence)]

References relevant to classification in this group

This subclass/group does not cover:

Boxes for endodontic files	A61C 5/025
Support for drills	A61C 3/04

A61C 19/04

Measuring instruments specially adapted for dentistry ([N: A61C5/025 takes precedence; testing vitality of teeth A61B5/05D]; radiation diagnosis A61B6/00)

References relevant to classification in this group

This subclass/group does not cover:

Testing vitality of teeth	A61B 5/05D
Detecting tooth mobility	A61B 5/1111
Detecting caries with light	A61B 5/00P8
Radiation diagnosis	A61B 6/00
Measurement of masticatory force	A61B 5/228

A61C 19/08

combined with anaesthetising implements (dental hypodermic syringes A61M5/00)

References relevant to classification in this group

This subclass/group does not cover:

Dental hypodermic syringes	A61M 5/00
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A61C 19/10

Supports for artificial teeth for transport or for comparison of the colour

References relevant to classification in this group

This subclass/group does not cover:

Measuring colour of teeth	G01J 3/00
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