

SECTION A — HUMAN NECESSITIES

A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

A61C DENTISTRY; APPARATUS OR METHODS FOR ORAL OR DENTAL HYGIENE (non-driven toothbrushes A46B; preparations for dentistry A61K 6/00; preparations for cleaning the teeth or mouth A61K 8/00, A61Q 11/00)

Subclass index

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| DENTAL SURGERY..... | 1/00-8/00 |
| DENTAL PROSTHETICS; ARTIFICIAL TEETH..... | 9/00-13/00 |
| DEVICES FOR CLEANING OF TEETH OR MOUTH..... | 15/00, 17/00 |
| DENTAL AUXILIARY APPLIANCES..... | 19/00 |

Dental surgery

1/00 Dental machines for boring or cutting

- 1/02 • characterised by the drive of the dental tools
- 1/04 • • with treadle or manual drive
- 1/05 • • with turbine drive
- 1/06 • • with electric drive
- 1/07 • • with vibratory drive, e.g. ultrasonic
- 1/08 • Machine parts specially adapted for dentistry
- 1/10 • • Straight hand-pieces
- 1/12 • • Angle hand-pieces
- 1/14 • • Tool-holders
- 1/16 • • Protecting caps for hand-pieces or angle-pieces
- 1/18 • • Flexible shafts; Clutches or the like

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)

- 3/02 • 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 [5]
- 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
- 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 for removing crowns

5/00 Filling or capping teeth

- 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)
- 5/04 • Implements for filling natural teeth; Methods or instruments for medication of tooth nerve channels (composition of the fillings A61K 6/02)
- 5/06 • Amalgam presses or mixers

- 5/08 • Tooth crowns; Making same; Securing crowns in the mouth (dental implants A61C 8/00)

- 5/09 • • Composite crowns [5]
- 5/10 • • Methods or devices for making crowns [5]
- 5/11 • • Securing crowns to natural teeth [5]
- 5/12 • Tooth clamps; Dam holders
- 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

- 7/02 • Tools for manipulating or working with an orthodontic appliance [5]
- 7/04 • • plier type [5]
- 7/06 • Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension [5]
- 7/08 • Mouthpiece-type retainers [5]
- 7/10 • Devices having means to apply outwardly directed force, e.g. expanders [5]
- 7/12 • Brackets; Arch wires; Combinations thereof; Accessories therefor (A61C 7/10 takes precedence) [5]
- 7/14 • • Brackets (A61C 7/28 takes precedence); Fixing brackets to teeth [5]
- 7/16 • • • specially adapted to be cemented to teeth [5]
- 7/18 • • • specially adapted to be fixed to teeth with a band; Bands therefor [5]
- 7/20 • • Arch wires (A61C 7/28 takes precedence) [5]
- 7/22 • • • Tension adjusting means [5]
- 7/24 • • • Arch wire-enclosing guides [5]
- 7/26 • • • Arch wire attachments [5]
- 7/28 • • Securing arch wire to bracket [5]
- 7/30 • • • by resilient means (A61C 7/34 takes precedence) [5]
- 7/32 • • • using ligature wires [5]
- 7/34 • • • using lock pins [5]
- 7/36 • Devices acting between upper and lower teeth [5]

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) [2]
- 8/02 • Means for transfixation of natural teeth [4]

Dental prosthetics; Artificial teeth [3]

- 9/00 Impression methods specially adapted for dental prosthetics; Impression cups therefor [3]**
- 11/00 Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings**
- 11/02 • characterised by the arrangement, location or type of the hinge means [5]
- 11/04 • • resiliently biased [5]
- 11/06 • with incisal guide [5]
- 11/08 • with means to secure dental casts to articulator [5]
- 13/00 Dental prostheses; Making same** (tooth crowns for capping teeth A61C 5/08; dental implants A61C 8/00) [4]
- 13/003 • Prostheses without bases, e.g. dental bridges (fastening prostheses in the mouth A61C 13/225); Making same (artificial teeth A61C 13/08) [6]
- 13/007 • Prostheses with bases, e.g. palates or plates; Making same [6]
- 13/01 • • Bases [4]
- 13/02 • • • made by galvanoplastic methods; Surface treatment; Enamelling; Perfuming; Making antiseptic [4]
- 13/03 • • • of metal with a ceramic layer [6]
- 13/06 • • • made by punching [4]
- 13/07 • Linings or cushions therefor (characterised by means to improve suction A61C 13/24) [6]
- 13/08 • Artificial teeth; Making same
- 13/083 • • Porcelain or ceramic teeth [4]
- 13/087 • • Artificial resin teeth [4]
- 13/09 • • Multilayer teeth [4]
- 13/093 • • characterised by a shape which improves retention [4]
- 13/097 • • characterised by occlusal profiles [4]
- 13/10 • Fastening of artificial teeth to artificial base material, e.g. to palates or to adjacent artificial tooth (A61C 13/093 takes precedence; fastening prostheses in the mouth A61C 13/225)
- 13/103 • • connected to base material by additional connecting member, e.g. knob or bar [6]
- 13/105 • • • with the connecting member embedded in base material [6]
- 13/107 • Prostheses for temporary restoration; Vestibular masks [4]
- 13/113 • Modular prostheses, e.g. using prefabricated bases or having prefabricated sets of teeth [4]
- 13/12 • Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth
- 13/14 • Curing devices for plastics prostheses
- 13/15 • • for curing by the action of light [6]
- 13/16 • • Curing flasks; Holders therefor
- 13/18 • • Presses for flasks
- 13/20 • Methods or devices for soldering, casting, moulding or melting [4]
- 13/225 • Fastening prostheses in the mouth (securing tooth crowns in capping teeth A61C 5/08) [4]

- 13/23 • • using adhesive foils or adhesive compositions (A61C 13/263 takes precedence) [4]
- 13/235 • • Magnetic fastening (magnetic implants A61C 8/00) [4]
- 13/24 • • Fastening by suction
- 13/25 • • • including valve or air passageway leading from suction area to lingual cavity [6]
- 13/263 • • Screwing pinning or gluing of prostheses to natural teeth [4]
- 13/265 • • Sliding or snap attachments [4]
- 13/267 • • Clasp fastening [4]
- 13/271 • • resiliently engaging between, or to, natural teeth [4]
- 13/273 • • Locking prostheses to residual teeth by using rotational or sliding-locks or levers (A61C 13/265, A61C 13/277 take precedence) [4, 6]
- 13/275 • • Securing prostheses by using bridging bars or rails between residual teeth [4]
- 13/277 • • Telescopic anchoring [4]
- 13/28 • • Fastening by spring action between upper and lower parts of prostheses
- 13/30 • • Fastening of peg-teeth in the mouth; Root pins [4]
- 13/32 • • Stress-breakers [4]
- 13/34 • Making or working of models, e.g. preliminary castings, trial dentures; Dowel pins [4]
- 13/36 • • Orienting or positioning of artificial teeth, e.g. determining precise location or attitude therefor [6]
- 13/38 • Tools not otherwise provided for, for use in connection with dental prostheses or the making thereof [6]

Tooth-cleaning or mouth-rinsing devices [3, 5]

- 15/00 Devices for cleaning between the teeth**
- 15/02 • Toothpicks [4]
- 15/04 • Dental floss; Floss holders [4]
- 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 [5]**

Note(s)

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.

- 17/02 • Rinsing or air-blowing devices, e.g. using fluid jets (combined with receptacles for spittle A61C 17/14; combined with power-driven cleaning or polishing devices A61C 17/16) [5]
- 17/022 • • Air-blowing devices [5]
- 17/024 • • with constant liquid flow [4]
- 17/028 • • with intermittent liquid flow [4]
- 17/032 • • using pressurised tap-water [4]
- 17/06 • Saliva removers; Accessories therefor [5]
- 17/08 • • Aspiration nozzles [5]
- 17/10 • • with mouth props, tongue guards, tongue depressors or cheek spreaders [5]
- 17/12 • • Control devices, e.g. for suction [5]

- 17/14 • Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors [5]
- 17/16 • Power-driven cleaning or polishing devices [5]
- 17/18 • • Chiselling scalers (A61C 17/20 takes precedence) [5]
- 17/20 • • using ultrasonics [5]
- 17/22 • • with brushes, cushions, cups or the like (brush bodies, e.g. arrangements of the bristles, A46B) [5]
- 17/24 • • • rotating continuously (A61C 17/40 takes precedence) [5]
- 17/26 • • • • driven by electric motor [5]
- 17/28 • • • • with rinsing means [5]
- 17/30 • • • • driven by hydraulic motor, e.g. water motor [5]
- 17/32 • • • reciprocating or oscillating [5]
- 17/34 • • • • driven by electric motor [5]
- 17/36 • • • • with rinsing means [5]
- 17/38 • • • • driven by hydraulic motor, e.g. water motor [5]
- 17/40 • • • orbiting, e.g. nutating [5]
- 19/00 Dental auxiliary appliances** (dental chairs or accessories therefor, working stands whether or not combined with chairs A61G 15/00)
- 19/02 • Protective casings, e.g. boxes for instruments; Bags
- 19/04 • Measuring instruments specially adapted for dentistry (radiation diagnosis A61B 6/14)
- 19/045 • • for recording mandibular movement, e.g. face bows [5]
- 19/05 • • for determining occlusion [5]
- 19/055 • • Paralleling devices [5]
- 19/06 • Implements for therapeutic treatment (radiation therapy A61N 5/00)
- 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