

## SECTION A — HUMAN NECESSITIES

## A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

**A61F FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES; DEVICES PROVIDING PATENCY TO, OR PREVENTING COLLAPSING OF, TUBULAR STRUCTURES OF THE BODY, e.g. STENTS; ORTHOPAEDIC, NURSING OR CONTRACEPTIVE DEVICES; FOMENTATION; TREATMENT OR PROTECTION OF EYES OR EARS; BANDAGES, DRESSINGS OR ABSORBENT PADS; FIRST-AID KITS (dental prosthetics A61C) [6, 2006.01]**

**Subclass index**

FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES OR ACCESSORIES.....2/00, 3/00  
 INVALID OPERATED APPARATUS OR DEVICES.....4/00  
 ORTHOPAEDICS, NURSING, CONTRACEPTIVE DEVICES.....5/00, 6/00  
 FOMENTATION, HEATING OR COOLING.....7/00  
 TREATMENT OR PROTECTION OF THE EYES OR EARS, SUBSTITUTION BY OTHER SENSES.....9/00, 11/00  
 BANDAGES, DRESSINGS OR ABSORBENT PADS; FIRST-AID KITS.....13/00, 15/00, 17/00

**Filters; Devices providing patency to tubular structures;****Prostheses; Accessories**

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|-------------|------|---|
|             | 2/40 | • • • for shoulders [4, 2006.01]  |
|             | 2/42 | • • • for wrists or ankles; for hands, e.g. fingers; for feet, e.g. toes [4, 2006.01]   |
|             | 2/44 | • • • for the spine, e.g. vertebrae, spinal discs [4, 2006.01]  |
|             | 2/46 | • • • Special tools for implanting artificial joints [4, 2006.01]   |
|             | 2/48 | • • Operating or control means, e.g. from outside the body, control of sphincters [4, 2006.01]  |
|             | 2/50 | • Prostheses not implantable in the body [4, 2006.01]   |
|             | 2/52 | • • Mammary prostheses (brassieres with stiffening or bust-forming inserts A41C 3/10, A41C 3/14) [4, 2006.01]   |
|             | 2/54 | • • Artificial arms or hands or parts thereof [4, 2006.01]  |
|             | 2/56 | • • • adjustable [4, 2006.01]   |
|             | 2/58 | • • • Elbows; Wrists [4, 2006.01]   |
|             | 2/60 | • • Artificial legs or feet or parts thereof [4, 2006.01]   |
|             | 2/62 | • • • adjustable, e.g. adjustable shank, thigh, or tubular skeletal system [4, 2006.01]   |
|             | 2/64 | • • • Knee joints [4, 2006.01]  |
|             | 2/66 | • • • Feet; Ankle joints [4, 2006.01]   |
|             | 2/68 | • • Operating or control means [4, 2006.01]   |
|             | 2/70 | • • • electrical [4, 2006.01]   |
|             | 2/72 | • • • • Bioelectric control, e.g. myoelectric [4, 2006.01]  |
|             | 2/74 | • • • fluid [4, 2006.01]  |
|             | 2/76 | • • Means for assembling, fitting, or testing prostheses, e.g. for measuring or balancing [4, 2006.01]  |
|             | 2/78 | • • Means for protecting prostheses or for attaching them to the body, e.g. bandages, harnesses, straps, or stockings for the limb stump [4, 2006.01]   |
|             | 2/80 | • • • Sockets, e.g. of suction type [4, 2006.01]  |
| <b>2/00</b> |      | <b>Filters implantable into blood vessels; Prostheses, i.e. artificial substitutes or replacements for parts of the body; Appliances for connecting them with the body; Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents (dental prostheses A61C 13/00; artificial kidneys A61M 1/14; artificial hearts A61M 60/00) [4, 6, 2006.01]</b> |
| 2/01        |      | • Filters implantable into blood vessels [6, 2006.01]   |
| 2/02        |      | • Prostheses implantable into the body [4, 2006.01]   |
| 2/04        |      | • • Hollow or tubular parts of organs, e.g. bladders, tracheae, bronchi or bile ducts (A61F 2/18, A61F 2/20 take precedence; instruments specially adapted for placement or removal of stents or stent-grafts A61F 2/95) [4, 2006.01, 2013.01]  |
| 2/06        |      | • • • Blood vessels [4, 2006.01, 2013.01]   |
| 2/07        |      | • • • • Stent-grafts [2013.01]  |
| 2/08        |      | • • Muscles; Tendons; Ligaments [4, 2006.01]  |
| 2/10        |      | • • Hair or skin implants [4, 2006.01]  |
| 2/12        |      | • • Mammary prostheses [4, 2006.01]   |
| 2/14        |      | • • Eye parts, e.g. lenses or corneal implants; Artificial eyes [4, 2006.01]  |
| 2/16        |      | • • • Intraocular lenses [4, 2006.01]   |
| 2/18        |      | • • Internal ear or nose parts, e.g. ear-drums [4, 2006.01]   |
| 2/20        |      | • • Larynxes; Tracheae combined with larynxes or for use therewith [4, 2006.01]   |
| 2/24        |      | • • Heart valves [4, 2006.01]   |
| 2/26        |      | • • Penis implants [4, 2006.01]   |
| 2/28        |      | • • Bones [4, 2006.01]  |
| 2/30        |      | • • Joints [4, 2006.01]   |
| 2/32        |      | • • • for the hip [4, 2006.01]  |
| 2/34        |      | • • • • Acetabular cups [4, 2006.01]  |
| 2/36        |      | • • • • Femoral heads [4, 2006.01]  |
| 2/38        |      | • • • for elbows or knees [4, 2006.01]  |

## A61F

- 2/82 • Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents (stent-grafts for tubular structures of the body other than blood vessels A61F 2/04; stent-grafts for blood vessels A61F 2/07; dilators A61M 29/00) [2006.01, 2013.01]
- 2/844 • • folded prior to deployment [2013.01]
- 2/848 • • having means for fixation to the vessel wall, e.g. barbs [2013.01]
- 2/852 • • Two or more distinct overlapping stents [2013.01]
- 2/856 • • Single tubular stent with side portal passage [2013.01]
- 2/86 • • Stents in a form characterised by wire-like elements; Stents in a form characterised by a net-like or mesh-like structure [2006.01, 2013.01]
- 2/88 • • • the wire-like elements formed as helical or spiral coils [2006.01]
- 2/89 • • • the wire-like elements comprising two or more adjacent rings flexibly connected by separate members [2013.01]
- 2/90 • • • characterised by a net-like or mesh-like structure [2006.01, 2013.01]
- 2/91 • • • • made from perforated sheets or tubes, e.g. perforated by laser cuts or etched holes [2013.01]
- 2/915 • • • • with bands having a meander structure, adjacent bands being connected to each other [2013.01]
- 2/92 • • Stents in the form of a rolled-up sheet expanding after insertion into the vessel [2006.01, 2013.01]
- 2/93 • • • circumferentially expandable by using ratcheting locks [2013.01]
- 2/94 • • Stents retaining their form, i.e. not being deformable, after placement in the predetermined place [2006.01, 2013.01]
- 2/945 • • • hardenable, e.g. stents formed *in situ* [2013.01]
- 2/95 • Instruments specially adapted for placement or removal of stents or stent-grafts [2013.01]
- 2/954 • • for placing stents or stent-grafts in a bifurcation [2013.01]
- 2/958 • • Inflatable balloons for placing stents or stent-grafts [2013.01]
- 2/962 • • having an outer sleeve [2013.01]
- 2/966 • • • with relative longitudinal movement between outer sleeve and prosthesis, e.g. using a push rod [2013.01]
- 2/97 • • • the outer sleeve being splittable [2013.01]
- 3/00 **Lengthening pieces for natural legs [1, 2006.01]**
- 4/00 **Methods or devices enabling patients or disabled persons to operate an apparatus or a device not forming part of the body [4, 2006.01]**
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- 5/00 **Orthopaedic methods or devices for non-surgical treatment of bones or joints; Nursing devices** (bandages, dressings or absorbent pads A61F 13/00) [1, 3, 4, 5, 2006.01]
- Note(s) [7]**
- This group does not cover chiropractic methods or devices, which are covered by group A61H 1/00.
- 5/01 • Orthopaedic devices, e.g. long-term immobilising or pressure directing devices for treating broken or deformed bones such as splints, casts or braces [1, 2006.01]
- 5/02 • • Orthopaedic corsets [1, 2006.01]
- 5/03 • • Corsets or bandages for abdomen, teat or breast support, with or without pads [1, 2006.01]
- 5/04 • • Devices for stretching or reducing fractured limbs; Devices for distractions; Splints [1, 4, 2006.01]
- 5/042 • • • for extension or stretching [6, 2006.01]
- 5/045 • • • • Equipment for beds, treatment tables, floor frames or the like [6, 2006.01]
- 5/048 • • • • Traction splints [6, 2006.01]
- 5/05 • • • for immobilising (A61F 5/042 takes precedence) [6, 2006.01]
- 5/052 • • • • specially adapted to facilitate walking, e.g. ambulatory braces [6, 2006.01]
- 5/055 • • • • Cervical collars [6, 2006.01]
- 5/058 • • • • Splints (A61F 5/052 takes precedence) [6, 2006.01]
- 5/08 • • Devices for correcting deformities of the nose [1, 2006.01]
- 5/10 • • Devices for correcting deformities of the fingers [1, 2006.01]
- 5/11 • • Devices for correcting deformities of the nails [1, 2006.01]
- 5/14 • • Special medical insertions for shoes for flat-feet, club-feet or the like [1, 2006.01, 2022.01]
- 5/24 • • Trusses [1, 2006.01]
- 5/26 • • • with belt springs [1, 2006.01]
- 5/28 • • • Supports for trusses [1, 2006.01]
- 5/30 • • Pressure pads [1, 2006.01]
- 5/32 • • • Adjustable pressure pads [1, 2006.01]
- 5/34 • • • Pressure pads filled with air or liquid [1, 2006.01]
- 5/37 • Restraining devices for the body or for body parts; Restraining shirts [1, 2006.01]
- 5/40 • Suspensory bandages [1, 2006.01]
- 5/41 • Devices for promoting penis erection [4, 2006.01]
- 5/44 • Devices worn by the patient for reception of urine, faeces, catamenial or other discharge (absorbent pads, e.g. sanitary towels, A61F 13/15; drainage appliances for wounds A61M 27/00); Colostomy devices [1, 2006.01]
- 5/441 • • having deodorant means, e.g. filters [4, 2006.01]
- 5/442 • • having irrigation ports or means (irrigators A61M 3/02) [4, 2006.01]
- 5/443 • • having hydrocolloid type seals, e.g. gels, starches, karaya gums [4, 2006.01]
- 5/445 • • Colostomy devices (A61F 5/441, A61F 5/442, A61F 5/443 take precedence) [4, 2006.01]
- 5/447 • • • Bag anticollapse features [4, 2006.01]
- 5/448 • • • Means attaching bag to seal ring [4, 2006.01]
- 5/449 • • • Body securing means, e.g. belts, garments [4, 2006.01]
- 5/451 • • Genital receptacles (A61F 5/441, A61F 5/442, A61F 5/443 take precedence) [4, 2006.01]
- 5/452 • • • with separate faecal receiving compartment [4, 2006.01]
- 5/453 • • • for collecting urine or other discharge from male member (A61F 6/04 takes precedence) [4, 2006.01]
- 5/455 • • • for collecting urine or discharge from female member [4, 2006.01]
- 5/457 • • • Body securing means, e.g. belts, straps or harnesses [4, 2006.01]
- 5/458 • • • • adherent or inflatable type [4, 2006.01]
- 5/48 • Devices for preventing wetting or pollution of the bed [1, 2006.01]
- 5/50 • Devices for preventing finger-sucking [1, 2006.01]

- 5/56 • Devices for preventing snoring [1, 2006.01]  
 5/58 • Apparatus for correcting stammering or stuttering [1, 2006.01]
- 6/00 Contraceptive devices; Pessaries; Applicators therefor [5, 2006.01]**
- 6/02 • for use by males (A61F 6/20 takes precedence) [5, 2006.01]  
 6/04 • • Condoms, sheaths or the like [5, 2006.01]  
 6/06 • for use by females (A61F 6/20 takes precedence) [5, 2006.01]  
 6/08 • • Pessaries, i.e. devices worn in the vagina to support the uterus, remedy a malposition or prevent conception [5, 2006.01]  
 6/10 • • • Diaphragms [5, 2006.01]  
 6/12 • • • Inserters or removers [5, 2006.01]  
 6/14 • • • intra-uterine type [5, 2006.01]  
 6/16 • • • inflatable [5, 2006.01]  
 6/18 • • • Inserters or removers [5, 2006.01]  
 6/20 • Vas deferens occluders; Fallopian occluders [5, 2006.01]  
 6/22 • • implantable in tubes [5, 2006.01]  
 6/24 • • • characterised by valve means [5, 2006.01]
- 7/00 Heating or cooling appliances for medical or therapeutic treatment of the human body** (hyperthermia using electric or magnetic fields or ultrasound A61N) [1, 5, 2006.01]
- 7/02 • Compresses or poultices for effecting heating or cooling [1, 3, 2006.01]  
 7/03 • • thermophore, i.e. self-heating [3, 2006.01]  
 7/08 • Warming pads, pans or mats; Hot-water bottles [1, 3, 2006.01]  
 7/10 • Cooling bags, e.g. ice-bags [1, 2006.01]  
 7/12 • Devices for heating or cooling internal body cavities [1, 2006.01]

**Treatment or protection of the eyes or ears; Substitution by other senses**

- 9/00 Methods or devices for treatment of the eyes; Devices for putting in contact-lenses; Devices to correct squinting; Apparatus to guide the blind; Protective devices for the eyes, carried on the body or in the hand** (caps with means for protecting the eyes A42B 1/0181; visors for helmets A42B 3/22; eye baths A61H 35/02; sunglasses or goggles having the same features as spectacles G02C) [1, 2006.01]
- 9/007 • Methods or devices for eye surgery [6, 2006.01]  
 9/008 • • using laser [7, 2006.01]  
 9/009 • • • Auxiliary devices for making contact with the eyeball and coupling-in laser light [7, 2006.01]  
 9/01 • • • Treatment of the cornea [7, 2006.01]  
 9/011 • • • invasive [7, 2006.01]  
 9/013 • • for compensation of ocular refraction (A61F 9/008 takes precedence) [6, 7, 2006.01]  
 9/02 • Goggles (for swimming A63B 33/00) [1, 2006.01]  
 9/04 • Eye-masks [1, 2006.01]  
 9/06 • • Masks, shields or hoods for welders [1, 2006.01]  
 9/08 • Devices or methods enabling eye-patients to replace direct visual perception by another kind of perception [1, 2006.01]

- 11/00 Methods or devices for treatment of the ears or hearing sense** (implantable prostheses that substitute or replace internal ear parts, e.g. ear-drums, A61F 2/18; methods or devices to cause a change in the state of auditory consciousness A61M 21/00; electrotherapy applying electrical stimulation of the auditory system, or circuits therefor A61N 1/36; radiotherapy using optical stimulation of the auditory system A61N 5/06; electro-acoustic hearing aids H04R 25/00); **Non-electric hearing aids; Methods or devices for enabling ear patients to achieve auditory perception through physiological senses other than hearing sense; Protective devices for the ears, carried on the body or in the hand** (headwear, e.g. caps or helmets, with means for protecting the ears A42B 1/0188, A42B 3/16) [1, 2006.01, 2022.01]
- 11/04 • Methods or devices for enabling ear patients to achieve auditory perception through physiological senses other than hearing sense, e.g. through the touch sense [1, 2006.01]  
 11/06 • Protective devices for the ears [5, 2006.01]  
 11/08 • • internal, e.g. earplugs [5, 2006.01]  
 11/10 • • • inflatable or expandable [5, 2006.01]  
 11/12 • • • External mounting means [5, 2006.01]  
 11/14 • • external, e.g. earcaps or earmuffs [5, 2006.01]  
 11/20 • Ear surgery [2022.01]  
 11/30 • Non-electric hearing aids, e.g. ear trumpets, sound amplifiers or ear-shells [2022.01]

**Bandages; Dressings or absorbent pads; First-aid kits**

- 13/00 Bandages or dressings** (radioactive dressings A61M 36/14); **Absorbent pads** [1, 2006.01, 2024.01]
- 13/01 • Non-adhesive bandages or dressings [2024.01]  
 13/02 • Adhesive bandages or dressings [1, 4, 5, 2006.01, 2024.01]  
 13/0203 • • with fluid retention members [2024.01]  
 13/0206 • • • with absorbent fibrous layers, e.g. woven or non-woven absorbent pads or island dressings [2024.01]  
 13/0246 • • characterised by the skin-adhering layer [2024.01]  
 13/04 • Plaster of Paris bandages; Other stiffening bandages (A61F 13/06-A61F 13/15 take precedence; orthopaedic casts made from stiffening bandages A61F 5/01) [1, 2006.01]  
 13/05 • specially adapted for use with sub-pressure or over-pressure therapy, wound drainage or wound irrigation, e.g. for use with negative-pressure wound therapy [NPWT] [2024.01]  
 13/06 • specially adapted for feet or legs; Corn-pads; Corn-rings [1, 2006.01]  
 13/08 • • Elastic stockings; for contracting aneurisms [1, 2006.01]  
 13/10 • specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors [1, 2006.01]  
 13/12 • specially adapted for the head or neck [1, 2006.01]  
 13/14 • specially adapted for the breast or abdomen (corsets or bandages for support of breast or abdomen A61F 5/03) [1, 2006.01]  
 13/15 • Absorbent pads, e.g. sanitary towels, swabs or tampons for external or internal application to the body; Supporting or fastening means therefor; Tampon applicators [5, 2006.01]  
 13/20 • • Tampons, e.g. catamenial tampons; Accessories therefor [1, 5, 2006.01]  
 13/22 • • • Tampons made of rolled-up material [5, 2006.01]

**A61F**

- 13/24 • • • Cup-shaped type tampons [5, 2006.01]
- 13/26 • • • Means for inserting tampons [5, 2006.01]
- 13/28 • • • • with lubricating means [5, 2006.01]
- 13/30 • • • • Distal portion of inserting means being deformed, expanded, or ruptured to permit passage of insert therethrough [5, 2006.01]
- 13/32 • • • • with slidable ejector, e.g. plunger or ram, inside tubular inserting means [5, 2006.01]
- 13/34 • • • Means for withdrawing tampons [5, 2006.01]
- 13/36 • • Surgical swabs, e.g. for absorbency or packing body cavities during surgery (A61F 13/38, A61F 13/40 take precedence) [5, 2006.01]
- 13/38 • • Swabs having a stick-type handle (A61F 13/40 takes precedence) [5, 2006.01]
- 13/40 • • having means integral therewith for supplying media to the absorbent material, e.g. contained in a rupturable reservoir [5, 2006.01]
- 13/42 • • with wetness indicator or alarm [5, 2006.01]
- 13/44 • • with radio-opaque material or signalling means for residual material [5, 2006.01]
- 13/45 • • characterised by the shape (cup-shaped type tampons A61F 13/24) [7, 2006.01]
- 13/47 • • • Sanitary towels, incontinence pads or napkins (A61F 13/49 takes precedence) [7, 2006.01]
- 13/471 • • • • specially adapted for male use [7, 2006.01]
- 13/472 • • • • specially adapted for female use [7, 2006.01]
- 13/474 • • • • adjustable [7, 2006.01]
- 13/475 • • • • characterised by edge leakage prevention means [7, 2006.01]
- 13/476 • • • • characterised by encircling the crotch region of the undergarment, e.g. with flaps [7, 2006.01]
- 13/49 • • • specially adapted to be worn around the waist, e.g. diapers, nappies [7, 2006.01]
- 13/491 • • • • specially adapted for gender distinct urine discharge pattern [7, 2006.01]
- 13/493 • • • • adjustable [7, 2006.01]
- 13/494 • • • • characterised by edge leakage prevention means [7, 2006.01]
- 13/495 • • • • with faecal cavity [7, 2006.01]
- 13/496 • • • • in the form of pants or briefs [7, 2006.01]
- 13/505 • • with separable parts, e.g. combination of disposable and reusable parts (A61F 13/20 takes precedence) [7, 2006.01]
- 13/51 • • characterised by the outer layers of the pads (A61F 13/20 takes precedence) [7, 2006.01]
- 13/511 • • • Topsheet, i.e. the permeable cover or layer facing the skin [7, 2006.01]
- 13/512 • • • • characterised by its apertures, e.g. perforations [7, 2006.01]
- 13/513 • • • • having areas of different permeability [7, 2006.01]
- 13/514 • • • Backsheet, i.e. the impermeable cover or layer furthest from the skin [7, 2006.01]
- 13/515 • • • characterised by the interconnection of the topsheet and the backsheet [7, 2006.01]
- 13/53 • • characterised by the absorbing medium (A61F 13/20 takes precedence) [7, 2006.01]
- 13/531 • • • having a homogeneous composition through the thickness of the pad (A61F 13/538, A61F 13/539 take precedence) [7, 2006.01]
- 13/532 • • • • inhomogeneous in the plane of the pad [7, 2006.01]
- 13/533 • • • • • having discontinuous areas of compression [7, 2006.01]
- 13/534 • • • having an inhomogeneous composition through the thickness of the pad (A61F 13/538, A61F 13/539 take precedence) [7, 2006.01]
- 13/535 • • • • inhomogeneous in the plane of the pad, e.g. core absorbent layers being of different sizes (A61F 13/537 takes precedence) [7, 2006.01]
- 13/536 • • • • • having discontinuous areas of compression [7, 2006.01]
- 13/537 • • • • • characterised by a layer facilitating or inhibiting flow in one direction or plane, e.g. a wicking layer [7, 2006.01]
- 13/538 • • • characterised by specific fibre orientation or weave [7, 2006.01]
- 13/539 • • • characterised by the connection of absorbent layers with each other or with the outer layers [7, 2006.01]
- 13/551 • • Packages or wrapping arrangements for used pads, e.g. for disposal [7, 2006.01]
- 13/56 • • Supporting or fastening means [5, 2006.01]
- 13/58 • • • Adhesive tab fastener elements (A61F 13/66 takes precedence) [5, 2006.01]
- 13/60 • • • • with release means associated with tab fasteners [5, 2006.01]
- 13/62 • • • Fabric strip fastener elements, e.g. hook and loop (A61F 13/66 takes precedence) [5, 2006.01]
- 13/64 • • • Straps, belts, ties or endless bands (A61F 13/66 takes precedence) [5, 2006.01]
- 13/66 • • • Garments, holders or supports not integral with absorbent pads [5, 2006.01]
- 13/68 • • • • abdominal enclosing type [5, 2006.01]
- 13/70 • • • • • with openable or removable crotch portion [5, 2006.01]
- 13/72 • • • • • with endless waist encircling band, e.g. panty type [5, 2006.01]
- 13/74 • • • • having means to retain absorbent pads [5, 2006.01]
- 13/76 • • • • • transverse to width of the pads or fastener elements, e.g. straps, end flaps or tucks [5, 2006.01]
- 13/78 • • • • • Button or snap fastener elements [5, 2006.01]
- 13/80 • • • • adjustable relative to body crotch area [5, 2006.01]
- 13/82 • • • • with means for attaching to the body [5, 2006.01]
- 13/84 • • Accessories, not otherwise provided for, for absorbent pads [7, 2006.01]
- 15/00 Auxiliary appliances for wound dressings; Dispensing containers for dressings or bandages [1, 2006.01]**
- 15/02 • Devices for cutting bandages of any kind, e.g. shears, cast-cutting saws [1, 2006.01]
- 17/00 First-aid kits [1, 2006.01]**