

## 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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|------|---|------|---|
|      |   | 2/32 | • • • for the hip [4]   |
|      |   | 2/34 | • • • • Acetabular cups [4]   |
|      |   | 2/36 | • • • • Femoral heads [4]   |
|      |   | 2/38 | • • • for elbows or knees [4]   |
|      |   | 2/40 | • • • for shoulders [4]   |
|      |   | 2/42 | • • • for wrists or ankles; for hands, e.g. fingers; for feet, e.g. toes [4]  |
|      |   | 2/44 | • • • for the spine, e.g. vertebrae, spinal discs [4]   |
|      |   | 2/46 | • • • Special tools for implanting artificial joints (surgical instruments A61B 17/00) [4]  |
|      |   | 2/48 | • • Operating or control means, e.g. from outside the body, control of sphincters [4]   |
|      |   | 2/50 | • Prostheses not implantable in the body [4]  |
|      |   | 2/52 | • • Mammary prostheses (brassières A41C 3/00) [4]   |
|      |   | 2/54 | • • Artificial arms or hands or parts thereof [4]   |
|      |   | 2/56 | • • • adjustable [4]  |
|      |   | 2/58 | • • • Elbows; Wrists [4]  |
|      |   | 2/60 | • • Artificial legs or feet or parts thereof [4]  |
|      |   | 2/62 | • • • adjustable, e.g. adjustable shank, thigh, or tubular skeletal system [4]  |
|      |   | 2/64 | • • • Knee joints [4]   |
|      |   | 2/66 | • • • Feet; Ankle joints [4]  |
|      |   | 2/68 | • • Operating or control means [4]  |
|      |   | 2/70 | • • • electrical [4]  |
|      |   | 2/72 | • • • • Bioelectric control, e.g. myoelectric [4]   |
|      |   | 2/74 | • • • fluid [4]   |
|      |   | 2/76 | • • Means for assembling, fitting, or testing prostheses, e.g. for measuring or balancing [4]   |
|      |   | 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]  |
|      |   | 2/80 | • • • Sockets, e.g. of suction type [4]   |
|      |   | 2/82 | • Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents (for closing wounds, or holding wounds closed A61B 17/03; dilators A61M 29/00) [2006.01] |
|      |   | 2/84 | • • Instruments specially adapted for their placement or removal [2006.01]  |
| 2/00 | <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 (as cosmetic articles, see the relevant subclasses, e.g. wigs, hair pieces, A41G 3/00, A41G 5/00, artificial nails A45D 31/00; dental prostheses A61C 13/00; materials for prostheses A61L 27/00; artificial hearts A61M 1/10; artificial kidneys A61M 1/14) [4, 6, 2006.01]</b> |      |   |
| 2/01 | • Filters implantable into blood vessels [6]  |      |   |
| 2/02 | • Prostheses implantable into the body [4]  |      |   |
| 2/04 | • • Hollow or tubular parts of organs, e.g. bladders, tracheae, bronchi, bile ducts (A61F 2/18, A61F 2/20 take precedence; devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents A61F 2/82) [4, 2006.01]   |      |   |
| 2/06 | • • • Blood vessels [4]   |      |   |
| 2/08 | • • Muscles; Tendons; Ligaments [4]   |      |   |
| 2/10 | • • Hair or skin implants [4]   |      |   |
| 2/12 | • • Mammary prostheses [4]  |      |   |
| 2/14 | • • Eye parts, e.g. lenses, corneal implants (removable contact lenses G02C 7/04); Artificial eyes (making thereof from organic plastic material B29C, B29D 11/02) [4]  |      |   |
| 2/16 | • • • Intraocular lenses [4]  |      |   |
| 2/18 | • • Internal ear or nose parts, e.g. ear-drums [4]  |      |   |
| 2/20 | • • Larynxes; Tracheae combined with larynxes or for use therewith (tracheae, bronchi <i>per se</i> A61F 2/04) [4]  |      |   |
| 2/24 | • • Heart valves [4]  |      |   |
| 2/26 | • • Penis implants [4]  |      |   |
| 2/28 | • • Bones (joints A61F 2/30) [4]  |      |   |
| 2/30 | • • Joints [4]  |      |   |

## A61F

- 2/86 • • Stents formed from wire-like elements [2006.01]
  - 2/88 • • • formed as helical or spiral coils (nets formed from intersecting coils A61F 2/90) [2006.01]
  - 2/90 • • • the wire-like elements forming a net structure [2006.01]
  - 2/92 • • Stents in the form of a rolled-up sheet expanding after insertion into the vessel [2006.01]
  - 2/94 • • Stents retaining their form after locating in the predetermined place [2006.01]
  - 3/00 **Lengthening pieces for natural legs**
  - 4/00 **Methods or devices enabling patients or disabled persons to operate an apparatus or a device not forming part of the body** (operating or control means for prostheses A61F 2/48, A61F 2/68) [4]
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- 5/00 **Orthopaedic methods or devices for non-surgical treatment of bones or joints** (surgical instruments or methods for treatment of bones or joints, devices specially adapted therefor A61B 17/56); **Nursing devices** (bandages, dressings or absorbent pads A61F 13/00) [3, 4, 5]  
**Note(s)**  
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
  - 5/02 • • Orthopaedic corsets
  - 5/03 • • Corsets or bandages for abdomen, teat, or breast support, with or without pads (brassières A41C 3/00)
  - 5/04 • • Devices for stretching or reducing fractured limbs; Devices for distractions; Splints [4]
  - 5/042 • • • for extension or stretching [6]
  - 5/045 • • • • Equipment for beds, treatment tables, floor frames or the like [6]
  - 5/048 • • • • Traction splints [6]
  - 5/05 • • • for immobilising (A61F 5/042 takes precedence) [6]
  - 5/052 • • • • specially adapted to facilitate walking, e.g. ambulatory braces [6]
  - 5/055 • • • • Cervical collars [6]
  - 5/058 • • • • Splints (A61F 5/052 takes precedence) [6]
  - 5/08 • • Devices for correcting deformities of the nose
  - 5/10 • • Devices for correcting deformities of the fingers
  - 5/11 • • Devices for correcting deformities of the nails
  - 5/14 • • Special medical insertions for shoes for flat-feet, club-feet, or the like (ordinary arch supports A43B 7/14)
  - 5/24 • • Trusses
  - 5/26 • • • with belt springs
  - 5/28 • • • Supports for trusses
  - 5/30 • • Pressure pads (corn-pads, corn-rings A61F 13/06)
  - 5/32 • • • Adjustable pressure pads
  - 5/34 • • • Pressure pads filled with air or liquid (valves specially adapted for medical use A61M 39/00)
  - 5/37 • Restraining devices for the body or for body parts; Restraining shirts
  - 5/40 • Suspensory bandages
  - 5/41 • Devices for promoting penis erection (penis implants A61F 2/26; massage of the genitals A61H 19/00) [4]
  - 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 (adhesives for colostomy devices A61L 24/00; materials for colostomy devices A61L 28/00)
  - 5/441 • • having deodorant means, e.g. filters [4]
  - 5/442 • • having irrigation ports or means (irrigators A61M 3/02) [4]
  - 5/443 • • having hydrocolloid type seals, e.g. gels, starches, karaya gums [4]
  - 5/445 • • Colostomy devices (A61F 5/441, A61F 5/442, A61F 5/443 take precedence) [4]
  - 5/447 • • • Bag anticollapse features [4]
  - 5/448 • • • Means attaching bag to seal ring [4]
  - 5/449 • • • Body securing means, e.g. belts, garments [4]
  - 5/451 • • Genital receptacles (A61F 5/441, A61F 5/442, A61F 5/443 take precedence) [4]
  - 5/452 • • • with separate faecal receiving compartment [4]
  - 5/453 • • • for collecting urine or other discharge from male member (A61F 6/04 takes precedence) [4]
  - 5/455 • • • for collecting urine or discharge from female member [4]
  - 5/457 • • • Body securing means, e.g. belts, straps or harnesses [4]
  - 5/458 • • • • adherent or inflatable type [4]
  - 5/48 • Devices for preventing wetting or pollution of the bed
  - 5/50 • Devices for preventing finger-sucking
  - 5/56 • Devices for preventing snoring
  - 5/58 • Apparatus for correcting stammering or stuttering
  - 6/00 **Contraceptive devices; Pessaries; Applicators therefor** (chemical aspects of contraception A61K) [5]
  - 6/02 • for use by males (A61F 6/20 takes precedence) [5]
  - 6/04 • • Condoms, sheaths or the like [5]
  - 6/06 • for use by females (A61F 6/20 takes precedence) [5]
  - 6/08 • • Pessaries, i.e. devices worn in the vagina to support the uterus, remedy a malposition or prevent conception [5]
  - 6/10 • • • Diaphragms [5]
  - 6/12 • • • Inserters or removers [5]
  - 6/14 • • • intra-uterine type [5]
  - 6/16 • • • inflatable [5]
  - 6/18 • • • Inserters or removers [5]
  - 6/20 • Vas deferens occluders; Fallopian occluders [5]
  - 6/22 • • implantable in tubes [5]
  - 6/24 • • • characterised by valve means [5]
  - 7/00 **Heating or cooling appliances for medical or therapeutic treatment of the human body** (heating or cooling means in connection with bedsteads or mattresses A47C 21/00; hyperthermia using electric or magnetic fields or ultrasound A61N) [5]
  - 7/02 • Compresses or poultices for effecting heating or cooling [3]
  - 7/03 • • thermophore, i.e. self-heating [3]
  - 7/08 • Warming pads, pans or mats (A61F 7/02 takes precedence); Hot-water bottles [3]
  - 7/10 • Cooling bags, e.g. ice-bags
  - 7/12 • Devices for heating or cooling internal body cavities

**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 1/06; visors for helmets A42B 3/22; eye baths A61H 35/02; sunglasses or goggles having the same features as spectacles G02C)

- 9/007 • Methods or devices for eye surgery [6]
- 9/008 • • using laser [7]
- 9/009 • • • Auxiliary devices for making contact with the eyeball and coupling-in laser light [7]
- 9/01 • • • Treatment of the cornea [7]
- 9/011 • • • invasive [7]
- 9/013 • • for compensation of ocular refraction (A61F 9/008 takes precedence) [6, 7]
- 9/02 • Goggles (for swimming A63B 33/00)
- 9/04 • Eye-masks
- 9/06 • • Masks, shields, or hoods for welders (safety devices for welding in general F16P 1/00)
- 9/08 • Devices or methods enabling eye-patients to replace direct visual perception by another kind of perception

**11/00 Methods or devices for treatment of the ears, e.g. surgical; 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 1/06, A42B 3/16)

- 11/04 • Devices or methods enabling ear patients to replace direct auditory perception by another kind of perception
- 11/06 • Protective devices for the ears [5]
- 11/08 • • internal, e.g. earplugs [5]
- 11/10 • • • inflatable or expandable [5]
- 11/12 • • • External mounting means [5]
- 11/14 • • external, e.g. earcaps or earmuffs [5]

**Bandages, dressings or absorbent pads; First-aid kits**

**13/00 Bandages or dressings** (suspensory bandages A61F 5/40; radioactive dressings A61M 36/14); **Absorbent pads** (chemical aspects of, or use of materials for, bandages, dressings or absorbent pads A61L 15/00, A61L 26/00)

- 13/02 • Adhesive plasters or dressings (A61F 13/06-A61F 13/15 take precedence; surgical adhesives or cements A61L 24/00) [4, 5]
- 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)
- 13/06 • specially adapted for feet or legs; Corn-pads; Corn-rings
- 13/08 • • Elastic stockings; for contracting aneurisms
- 13/10 • specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors
- 13/12 • specially adapted for the head or neck
- 13/14 • specially adapted for the breast or abdomen (corsets or bandages for support of breast or abdomen A61F 5/03)

- 13/15 • Absorbent pads, e.g. sanitary towels, swabs or tampons for external or internal application to the body (non-absorbent catamenial receptacles A61F 5/44); Supporting or fastening means therefor; Tampon applicators [5]
- 13/20 • • Tampons, e.g. catamenial tampons; Accessories therefor [5]
- 13/22 • • • Tampons made of rolled-up material [5]
- 13/24 • • • Cup-shaped type tampons [5]
- 13/26 • • • Means for inserting tampons [5]
- 13/28 • • • with lubricating means [5]
- 13/30 • • • • Distal portion of inserting means being deformed, expanded, or ruptured to permit passage of insert therethrough [5]
- 13/32 • • • • with slidable ejector, e.g. plunger or ram, inside tubular inserting means [5]
- 13/34 • • • Means for withdrawing tampons [5]
- 13/36 • • Surgical swabs, e.g. for absorbency or packing body cavities during surgery (A61F 13/38, A61F 13/40 take precedence) [5]
- 13/38 • • Swabs having a stick-type handle (A61F 13/40 takes precedence) [5]
- 13/40 • • having means integral therewith for supplying media to the absorbent material, e.g. contained in a rupturable reservoir [5]
- 13/42 • • with wetness indicator or alarm [5]
- 13/44 • • with radio-opaque material or signalling means for residual material [5]
- 13/45 • • characterised by the shape (cup-shaped type tampons A61F 13/24) [7]
- 13/47 • • • Sanitary towels, incontinence pads or napkins (A61F 13/49 takes precedence) [7]
- 13/471 • • • • specially adapted for male use [7, 2006.01]
- 13/472 • • • • specially adapted for female use [7, 2006.01]
- 13/474 • • • • adjustable [7]
- 13/475 • • • • characterised by edge leakage prevention means [7]
- 13/476 • • • • characterised by encircling the crotch region of the undergarment, e.g. with flaps [7]
- 13/49 • • • specially adapted to be worn around the waist, e.g. diapers, nappies [7]
- 13/491 • • • • specially adapted for gender distinct urine discharge pattern [7]
- 13/493 • • • • adjustable [7]
- 13/494 • • • • characterised by edge leakage prevention means [7]
- 13/495 • • • • with faecal cavity [7]
- 13/496 • • • • in the form of pants or briefs [7]
- 13/505 • • with separable parts, e.g. combination of disposable and reusable parts (A61F 13/20 takes precedence; supporting or fastening means A61F 13/56) [7]
- 13/51 • • characterised by the outer layers of the pads (A61F 13/20 takes precedence) [7]
- 13/511 • • • Topsheet, i.e. the permeable cover or layer facing the skin [7]
- 13/512 • • • • characterised by its apertures, e.g. perforations [7]
- 13/513 • • • • having areas of different permeability [7]
- 13/514 • • • Backsheet, i.e. the impermeable cover or layer furthest from the skin [7]
- 13/515 • • • characterised by the interconnection of the topsheet and the backsheet [7]
- 13/53 • • characterised by the absorbing medium (A61F 13/20 takes precedence) [7]

## A61F

- 13/531 • • • having a homogeneous composition through the thickness of the pad (A61F 13/538, A61F 13/539 take precedence) [7]
- 13/532 • • • • inhomogeneous in the plane of the pad [7]
- 13/533 • • • • • having discontinuous areas of compression [7]
- 13/534 • • • having an inhomogeneous composition through the thickness of the pad (A61F 13/538, A61F 13/539 take precedence; homogeneous cores with tissue wrapping A61F 13/531) [7]
- 13/535 • • • • • inhomogeneous in the plane of the pad, e.g. core absorbent layers being of different sizes (A61F 13/537 takes precedence) [7]
- 13/536 • • • • • having discontinuous areas of compression [7]
- 13/537 • • • • • characterised by a layer facilitating or inhibiting flow in one direction or plane, e.g. a wicking layer [7]
- 13/538 • • • characterised by specific fibre orientation or weave [7]
- 13/539 • • • characterised by the connection of absorbent layers with each other or with the outer layers [7]
- 13/551 • • Packages or wrapping arrangements for used pads, e.g. for disposal [7]
- 13/56 • • Supporting or fastening means [5]
- 13/58 • • • Adhesive tab fastener elements (A61F 13/66 takes precedence) [5]
- 13/60 • • • • with release means associated with tab fasteners [5]
- 13/62 • • • Fabric strip fastener elements, e.g. hook and loop (A61F 13/66 takes precedence) [5]
- 13/64 • • • Straps, belts, ties or endless bands (A61F 13/66 takes precedence) [5]
- 13/66 • • • Garments, holders or supports not integral with absorbent pads [5]
- 13/68 • • • • abdominal enclosing type [5]
- 13/70 • • • • • with openable or removable crotch portion [5]
- 13/72 • • • • • with endless waist encircling band, e.g. panty type [5]
- 13/74 • • • • having means to retain absorbent pads [5]
- 13/76 • • • • • transverse to width of the pads or fastener elements, e.g. straps, end flaps or tucks [5]
- 13/78 • • • • • Button or snap fastener elements [5]
- 13/80 • • • • adjustable relative to body crotch area [5]
- 13/82 • • • • with means for attaching to the body [5]
- 13/84 • • Accessories, not otherwise provided for, for absorbent pads [7]
- 15/00 Auxiliary appliances for wound dressings; Dispensing containers for dressings or bandages**
- 15/02 • Devices for cutting bandages of any kind, e.g. shears, cast-cutting saws
- 17/00 First-aid kits**