A COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

HEALTH; AMUSEMENT

A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

A61F FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESSES; 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)

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

- A61F 2/56 covered by A61F 2/54, A61F 2/60
- A61F 2/74 covered by A61F 2/68, A61F 2002/74
- A61F 5/045 covered by A61G 13/12
- A61F 5/052 covered by A61F 5/05
- A61F 5/447 covered by A61F 5/445
- A61F 5/452 covered by A61F 5/451
- A61F 5/457 covered by A61F 5/451
- A61F 5/458 covered by A61F 5/541
- A61F 6/10 covered by A61F 6/08
- A61F 9/00 covered by A61F 9/00825
- A61F 13/32 covered by A61F 9/00825
- A61F 13/30 covered by A61F 13/2045
- A61F 13/32 covered by A61F 13/26
- A61F 13/40 covered by A61M 35/006

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

Filters: Devices providing patency to tubular structures:

Prostheses: Accessories

2/00 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 3/00; dental prostheses A61C 13/00; materials for prostheses A61L 27/00; artificial hearts A61M 1/10; artificial kidneys A61M 1/14)

2/0004 {Closure means for urethra or rectum, i.e. anti-incontinence devices or support slings against pelvic prolapse}

2/0009 {placed in or outside the body opening close to the surface of the body (plugging an opening in the wall of a hollow or tubular organ A61B 17/0057)}

2/0013 {inflatable}

2/0018 . . . {magnetic}

2/0022 . . . {placed deep in the body opening (excluding blood vessels by internal devices A61B 17/12022)}

2/0027 . . . {inflatable}

2/0031 . . . {for constricting the lumen; Support slings for the urethra}

2/0036 . . . {implantable (A61F 2/0018 takes precedence)}

2/004 . . . {inflatable}

2/0045 . . . {Support slings}

2/005 . . . {with pressure applied to urethra by an element placed in the vagina}

2/0054 . . . {with pressure applied to urethra by an element placed around the penis, e.g. penis clamp}

2/0059 . . {Cosmetic or alloplastic implants (A61F 2/10 - A61F 2/16, A61F 2/28 take precedence)}

2/0063 . . {Implantable repair or support meshes, e.g. hernia meshes}

2002/0068 . . {having a special mesh pattern}

2002/0072 . . {Delivery tools therefor}
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2/0077 . . . . (Special surfaces of prostheses, e.g. for improving ingrowth (A61F 2/30767 takes precedence))

2002/0081 . . . . [directly machined on the prosthetic surface, e.g. holes, grooves (A61F 2/30771 takes precedence)]

2002/0086 . . . . [for preferentially controlling or promoting the growth of specific types of cells or tissues (of bone tissue onto implantable joints A61F 2002/30931)]

2002/009 . . . . [for hindering or preventing attachment of biological tissue (of bone tissue onto implantable joints A61F 2002/30932)]

2002/0091 . . . . [Having cellular growth inhibitors]

2/0095 . . . . [Packages or dispensers for prostheses or other implants (for intracorneal lenses A61F 2/1691; for dental surgery A61C 19/02)]

2/01 . . . . Filters implantable into blood vessels ([filters used as gripping instruments A61B 17/22031])

2002/011 . . . . [Instruments for their placement or removal]

2/013 . . . . [Distal protection devices, i.e. devices placed distally in combination with another endovascular procedure, e.g. angioplasty or stenting]

2002/015 . . . . [Stop means therefor]

2002/016 . . . . [made from wire-like elements]

2002/018 . . . . [made from tubes or sheets of material, e.g. by etching or laser-cutting]

2/02 . . . . Prostheses implantable into the body ([closure means for urethra or rectum or for artificial body openings therefor A61F 2002/0004])

2/022 . . . . [Artificial gland structures using bioreactors (hemodialysis A61M 1/16; hemofiltration A61M 1/34; other extracorporeal blood treatment A61M 1/36)]

2/04 . . . . Hollow or tubular parts of organs, e.g. bladders, tracheae, bronchi or bile ducts (A61F 2/18, A61F 2/20 take precedence; devices, other than stent-grafts, providing patency to, or preventing collapsing of, tubular structures of the body other than stent-grafts, e.g. stents A61F 2/82; instruments specially adapted for placement or removal of stents or stent-grafts A61F 2/95)

2002/041 . . . . [Bile ducts]

2/042 . . . . [Urinary bladders]

2002/043 . . . . [Bronchi]

2002/044 . . . . [Oesophagi or esophagi or gullets)

2002/045 . . . . [Stomach, intestines]

2002/046 . . . . [Tracheae]

2002/047 . . . . [Urethrae]

2002/048 . . . . [Ureters]

2/06 . . . . Blood vessels

2002/061 . . . . [provided with means for allowing access to secondary lumens]

2/062 . . . . [Apparatus for the production of blood vessels made from natural tissue or with layers of living cells (prostheses made from natural tissue or living cells A61L 27/507)]

2/064 . . . . [with special features to facilitate anastomotic coupling (anastomosis of natural blood vessels A61B 17/11)]

2002/065 . . . . [Y-shaped blood vessels]

2002/067 . . . . [modular]

2002/068 . . . . [Modifying the blood flow model, e.g. by diffuser or deflector]

2/07 . . . . Stent-grafts

2002/072 . . . . [Encapsulated stents, e.g. wire or whole stent embedded in lining]

2002/075 . . . . [the stent being loosely attached to the graft material, e.g. by stitching]

2002/077 . . . . [having means to fill the space between stent-graft and aneurysm wall, e.g. a sleeve]

2/08 . . . . Muscles; Tendons; Ligaments ([sutures A61B 17/04])

2/0805 . . . . [Implents for inserting tendons or ligaments]

2002/0811 . . . . [Fixation devices for tendons or ligaments]

2002/0817 . . . . [Structure of the anchor]

2002/0823 . . . . [Modular anchors comprising a plurality of separate parts]

2002/0829 . . . . [without deformation of anchor parts, e.g. fixation screws on bone surface, extending bars, cams, butterflies, spring-loaded pins]

2002/0835 . . . . [with deformation of anchor parts, e.g. expansion of dowel by set screw]

2002/0841 . . . . [Longitudinal channel for insertion tool running through the whole tendon anchor, e.g. for accommodating bone drill, guidewire]

2002/0847 . . . . [Mode of fixation of anchor to tendon or ligament]

2002/0852 . . . . [Fixation of a loop or U-turn, e.g. eyelets, anchor having multiple holes]

2002/0858 . . . . [Fixation of tendon or ligament between anchor and bone, e.g. interference screws, wedges]

2002/0864 . . . . [Fixation of tendon or ligament between anchor elements, e.g. by additional screws in the anchor, anchor crimped around tendon]

2002/087 . . . . [Anchor integrated into tendons, e.g. bone blocks, integrated rings]

2002/0876 . . . . [Position of anchor in respect to the bone]

2002/0882 . . . . [Anchor in or on top of a bone tunnel, i.e. a hole running through the entire bone]

2002/0888 . . . . [Anchor in or on a blind hole or on the bone surface without formation of a tunnel]

2002/0894 . . . . [Muscles (non-implantable A61F 2002/5066)]

2/10 . . . . Hair or skin implants

2/105 . . . . [Skin implants, e.g. artificial skin]

2/12 . . . . Mammary prostheses and implants

2/14 . . . . Eye parts, e.g. lenses, corneal implants; [Implanting instruments specially adapted therefor]; Artificial eyes

2/141 . . . . [Artificial eyes]

2/142 . . . . [Cornea, e.g. artificial corneae, keratoprostheses or corneal implants for repair of defective corneal tissue]

2/145 . . . . [Corneal inlays, onlays, or lenses for refractive correction]

2/1451 . . . . [Inlays or onlays]

2/1453 . . . . [Corneal lenses connected to distinct attachment means]

2/147 . . . . [Implants to be inserted in the stroma for refractive correction, e.g. ring-like implants]

2/148 . . . . [Implantation instruments specially adapted therefor]
Intraocular lenses

- Lens body having features to facilitate aqueous fluid flow across the intraocular lens, e.g. for pressure equalization or nutrient delivery.
- Lens having spacers for providing a gap between the posterior capsule and a posterior surface of the intraocular lens.
- Corrective lenses for use in addition to the natural lenses of the eyes or for pseudo-phakic eyes.
- Anterior chamber lenses for use in addition to the natural lenses of the eyes, e.g. iris fixated, iris floating.
- Iris fixated, e.g. by clamping iris tissue, by suturing to the iris.
- Posterior chamber lenses for use in addition to the natural lenses of the eyes.
- Having special lens configurations, e.g. multipart lenses; having particular optical properties, e.g. pseudo-accommodative lenses, lenses having aberration corrections, diffractive lenses, lenses for variably absorbing electromagnetic radiation, lenses having variable focus.
- Pseudo-accommodative, e.g. multifocal or enabling monovision.
- Multifocal lenses.
- Enabling correction for monovision.
- Having adjustable focus; power activated variable focus means, e.g. mechanically or electrically by the ciliary muscle or from the outside.
- For changing index of refraction, e.g. by external means or by tilting.
- For changing longitudinal position, i.e. along the visual axis when implanted.
- For changing radial position, i.e. perpendicularly to the visual axis when implanted.
- For changing shape.
- Correcting aberrations caused by inhomogeneities; correcting intrinsic aberrations, e.g. of the cornea, of the surface of the natural lens, aspheric, cylindrical, toric lenses.
- Aspheric lenses.
- Cylindrical lenses.
- Toric lenses.
- Multipart lenses.
- Multipart lenses comprising a telescope.
- Diffractive lenses.
- Fresnel lenses, prisms or plates.
- Having variable absorption coefficient for electromagnetic radiation, e.g. photochromic lenses.
- Instruments for inserting intraocular lenses into the eye.
- For manual insertion during surgery, e.g. forceps-like instruments.
- With rotatable plungers.

- Intraocular lenses
- Nutrient transport, for facilitating handling.
- Having variable focus.
- Absorbing electromagnetic radiation, lenses.
- Diffraction lenses, lenses for variably.
- Lenses, lenses having aberration corrections.
- Pseudo-accommodative, e.g. multifocal.
- Having special lens configurations, e.g. multipart lenses; having particular optical properties, e.g. pseudo-accommodative lenses, lenses having aberration corrections, diffractive lenses, lenses for variably.
- Lenses, lenses having aberration corrections, diffractive lenses, lenses for variably.
- Pseudo-accommodative, e.g. multifocal.
- Having special lens configurations, e.g. multipart lenses; having particular optical properties, e.g. pseudo-accommodative lenses, lenses having aberration corrections, diffractive lenses, lenses for variably.
- Pseudo-accommodative, e.g. multifocal.
- Having special lens configurations, e.g. multipart lenses; having particular optical properties, e.g. pseudo-accommodative lenses, lenses having aberration corrections, diffractive lenses, lenses for variably.
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2/2409 . . . [Support rings therefor, e.g. for connecting valves to tissue (annuloplasty rings A61F 2/2442)]

2/2412 . . . [with soft flexible valve members, e.g. tissue valves shaped like natural valves (check valves with flexible valve members in general F16K 15/14)]

2/2415 . . . [Manufacturing methods]

2/2418 . . . [Scaffolds therefor, e.g. support stents]

2/2421 . . . [with non-pivoting rigid closure members]

2/2424 . . . [Ball valves]

2/2427 . . . [Devices for manipulating or deploying heart valves during implantation]

2/243 . . . [Deployment by mechanical expansion]

2/2433 . . . (using balloon catheter)

2/2436 . . . [Deployment by retracting a sheath]

2/2439 . . . [Expansion controlled by filaments]

2/2442 . . . [Annuloplasty rings or inserts for correcting the valve shape; Implants for improving the function of a native heart valve]

2/2445 . . . [Annuloplasty rings in direct contact with the valve annulus]

2/2448 . . . [D-shaped rings]

2/2451 . . . [Inserts in the coronary sinus for correcting the valve shape]

2/2454 . . . [Means for preventing inversion of the valve leaflets, e.g. chordae tendineae prostheses]

2/2457 . . . [Chordae tendineae prostheses]

2/246 . . . [Devices for obstructing a leak through a native valve in a closed condition]

2/2463 . . . [Implants forming part of the valve leaflets]

2/2466 . . . [Delivery devices therefor]

2/2469 . . . [with resilient valve members, e.g. conical spiral]

2/2472 . . . [Devices for testing]

2/2475 . . . [Venous valves]

2/2478 . . . [Passive devices for improving the function of the heart muscle, i.e. devices for reshaping the external surface of the heart, e.g. bags, strips or bands]

2/2481 . . . [Devices outside the heart wall, e.g. bags, strips or bands]

2002/2484 . . . [Delivery devices therefor]

2/2487 . . . [Devices within the heart chamber, e.g. splints]

2002/249 . . . [Device completely embedded in the heart wall]

2/2493 . . . [Transmyocardial revascularisation [TMR] devices]

2/2496 . . . [Devices for determining the dimensions of the prosthetic valve to be implanted, e.g. templates, sizers]

2/26 . . . Penis implants

2/28 . . . Bones ((A61F 2/42 takes precedence); joints A61F 2/30 ; means for introducing bone substitute or for implanting bone graft implants A61F 2/4601; devices for grinding or milling bone material A61F 2/4644)]

2/2803 . . . [for mandibular reconstruction (temporomandibular joints A61F 2/1009; bone plates for the jaw A61B 17/071)]

2002/2807 . . . [Chin implants]

2002/281 . . . [Gonial implants]

2/2814 . . . [Bone stump caps]

2002/2817 . . . [Bone stimulation by chemical reactions or by osteogenic or biological products for enhancing ossification, e.g. by bone morphogenetic or morphogenetic proteins [BMP] or by transforming growth factors [TGF]]

2002/2821 . . . [Bone stimulation by electromagnetic fields or electric current for enhancing ossification]

2002/2825 . . . [Femur]

2002/2828 . . . [Femoral head]

2002/2832 . . . [Femoral neck]

2002/2835 . . . [Bone graft implants for filling a bony defect or an endoprosthesis cavity]

2002/2839 . . . [Bone plugs or bone graft dowels]

2002/2842 . . . [Bone marrow grafts]

2/2846 . . . [Support means for bone substitute or for bone graft implants, e.g. membranes or plates for covering bone defects (nets or sleeves applied to surface of endoprostheses A61F 2/30097; bone plates A61B 17/80; bone regeneration in dental surgery A61C 8/0006)]

2002/285 . . . [Fixation appliances for attaching bone substitute support means to underlying bone]

2002/2853 . . . [Humerus]

2/2857 . . . [(for cadavers (devices for autopsy A61B 16/00)]

2002/286 . . . [Bone stimulation by mechanical vibrations for enhancing ossification]

2002/2864 . . . [by ultrasonic or acoustic vibrations]

2002/2867 . . . [Bone marrow]

2002/2871 . . . [Radius]

2/2875 . . . [Skull or cranium (A61F 2/2803 and A61F 2/3009 take precedence)]

2002/2878 . . . [for orbital repair]

2002/2882 . . . [Malar or zygomatic implants]

2002/2885 . . . [Paranasal implants]

2002/2889 . . . [Maxillary, premaxillary or molar implants]

2002/2892 . . . [Tibia]

2002/2896 . . . [Ulna]

2/30 . . . Joints

2002/30001 . . . [Additional features of subject-matter classified in A61F 2/28, A61F 2/30 and subgroups thereof]

2002/30003 . . . [Material related properties of the prosthesis or of a coating on the prosthesis]

2002/30004 . . . [The prosthesis made from materials having different values of a given property at different locations within the same prosthesis]

2002/30006 . . . [differing in density or specific weight]

2002/30008 . . . [differing in yarn density]

2002/30009 . . . [differing in fibre orientations]

2002/30011 . . . [differing in porosity]

2002/30013 . . . [made from both porous and non-porous parts, e.g. adjacent parts]

2002/30014 . . . [differing in elasticity, stiffness or compressibility]

2002/30016 . . . [differing in hardness, e.g. Vickers, Shore, Brinell]

2002/30018 . . . [differing in bending or flexure capacity]

2002/30019 . . . [differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability]

2002/30021 . . . [differing in brittleness]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

Materials having a crystalline structure

Properties of materials and coating structures made of elastomeric

[2002/30023] \{differing in viscosity\}
[2002/30024] \{differing in coefficient of friction\}
[2002/30026] \{differing in wear resistance\}
[2002/30028] \{differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts\}
[2002/30029] \{differing in bone ingrowth capacity\}
[2002/30031] \{differing in wettability, e.g. in hydrophilic or hydrophobic behaviours\}
[2002/30032] \{differing in absorbability or resorbability, i.e. in absorption or resorption time\}
[2002/30034] \{made from both resorbable and non-resorbable prosthetic parts, e.g. adjacent parts\}
[2002/30036] \{differing in release or diffusion time\}
[2002/30037] \{differing in coefficient of thermal expansion or dilatation\}
[2002/30039] \{differing in shape-memory transition temperatures, e.g. in martensitic transition temperature or in austenitic transition temperature\}
[2002/30041] \{differing in hardening time\}
[2002/30042] \{made from both cured and uncured parts\}
[2002/30044] \{differing in melting temperature\}
[2002/30046] \{differing in thermal conductivity\}
[2002/30047] \{differing in colour\}
[2002/30049] \{differing in optical properties\}
[2002/30051] \{differing in corrosion properties\}
[2002/30052] \{differing in electric properties\}
[2002/30054] \{differing in electromagnetical properties\}
[2002/30056] \{differing in radiographic density\}
[2002/30057] \{made from both cortical and cancellous adjacent parts\}
[2002/30059] \{differing in bone mineralization, e.g. made from both mineralized and demineralized adjacent parts\}
[2002/3006] \{Properties of materials and coating materials\}
[2002/30062] \{(bio)absorbable, biodegradable, bioerodable, (bio)resorbable, resorptive\}
[2002/30064] \{Coating or prosthesis-covering structure made of biodegradable material\}
[2002/30065] \{thermoplastic, i.e. softening or fusing when heated, and hardening and becoming rigid again when cooled\}
[2002/30067] \{Coating or prosthesis-covering structure made of thermoplastic material\}
[2002/30069] \{elastomeric\}
[2002/3007] \{Coating or prosthesis-covering structure made of elastic material, e.g. of elastomer\}
[2002/30072] \{Coating made of plastically deformable or self-moulding material\}
[2002/30074] \{stretchable\}
[2002/30075] \{swellable, e.g. when wetted\}
[2002/30077] \{shrinkable\}
[2002/30079] \{magnetic\}
[2002/3008] \{radio-opaque, e.g. radio-opaque markers\}
[2002/30082] \{radioactive\}
[2002/30084] \{Materials having a crystalline structure\}
[2002/30085] \{anisotropic\}
[2002/30087] \{piezoelectric\}
[2002/30088] \{Phase change materials [PCM], e.g. for storing latent heat\}
[2002/3009] \{Transparent or translucent\}
[2002/30092] \{using shape memory or superelastic materials, e.g. nitinol\}
[2002/30093] \{operated at only one temperature whilst inside or touching the human body, e.g. constrained in a non-operative shape during surgery, another temperature only occurring before the operation\}
[2002/30095] \{operated at different temperatures whilst inside or touching the human body, heated or cooled by external energy source or cold supply\}
[2002/30097] \{cooled\}
[2002/30098] \{electrically, e.g. heated by resistor\}
[2002/30101] \{electromagnetically\}
[2002/30102] \{using a fluid, e.g. circulating\}
[2002/30103] \{heated by light\}
[2002/30105] \{ultrasonically\}
[2002/30107] \{using materials or accessories for preventing galvanic or electrolytic corrosion\}
[2002/30108] \{Shapes\}
[2002/3011] \{Cross-sections or two-dimensional shapes\}
[2002/30112] \{Rounded shapes, e.g. with rounded corners\}
[2002/30113] \{circular\}
[2002/30115] \{circular-O-shaped\}
[2002/30116] \{partial circles, i.e. circular segments\}
[2002/30118] \{concentric circles\}
[2002/3012] \{intersecting circles\}
[2002/30121] \{with lobes\}
[2002/30123] \{with two diametrically opposed lobes\}
[2002/30125] \{elliptical or oval\}
[2002/30126] \{oval-O-shaped\}
[2002/30128] \{concentric ellipses\}
[2002/3013] \{figure-“8”-or hourglass-shaped\}
[2002/30131] \{horseshoe- or crescent- or C-shaped or U-shaped\}
[2002/30133] \{kidney-shaped or bean-shaped\}
[2002/30135] \{S-shaped or Z-shaped\}
[2002/30136] \{undulated or wavy, e.g. serpentine-shaped or zigzag-shaped\}
[2002/30138] \{Convex polygonal shapes\}
[2002/3014] \{decagonal\}
[2002/30141] \{dodecagonal\}
[2002/30143] \{hexagonal\}
[2002/30144] \{Honeycomb pattern\}
[2002/30146] \{octagonal\}
[2002/30148] \{lozenge- or diamond-shaped\}

A61F
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002/30149</td>
<td>{pentagonal}</td>
</tr>
<tr>
<td>2002/30151</td>
<td>{rhomboidal or parallelogram-shaped}</td>
</tr>
<tr>
<td>2002/30153</td>
<td>{rectangular}</td>
</tr>
<tr>
<td>2002/30154</td>
<td>{square}</td>
</tr>
<tr>
<td>2002/30156</td>
<td>{triangular}</td>
</tr>
<tr>
<td>2002/30158</td>
<td>{trapezoidal}</td>
</tr>
<tr>
<td>2002/30159</td>
<td>{Concave polygonal shapes}</td>
</tr>
<tr>
<td>2002/30161</td>
<td>{arrow-shaped}</td>
</tr>
<tr>
<td>2002/30163</td>
<td>{cruciform, different from X-shaped}</td>
</tr>
<tr>
<td>2002/30164</td>
<td>{dovetail-shaped}</td>
</tr>
<tr>
<td>2002/30166</td>
<td>{H-shaped or I-shaped}</td>
</tr>
<tr>
<td>2002/30168</td>
<td>{L-shaped}</td>
</tr>
<tr>
<td>2002/30169</td>
<td>{Pi-shaped}</td>
</tr>
<tr>
<td>2002/30171</td>
<td>{rosette- or star-shaped}</td>
</tr>
<tr>
<td>2002/30172</td>
<td>{T-shaped}</td>
</tr>
<tr>
<td>2002/30173</td>
<td>{the upper branch of the T being inclined with respect to its main branch}</td>
</tr>
<tr>
<td>2002/30176</td>
<td>{V-shaped}</td>
</tr>
<tr>
<td>2002/30177</td>
<td>{W-shaped, M-shaped or sigma shaped}</td>
</tr>
<tr>
<td>2002/30179</td>
<td>{X-shaped}</td>
</tr>
<tr>
<td>2002/30181</td>
<td>{Y-shaped}</td>
</tr>
<tr>
<td>2002/30182</td>
<td>{Other shapes}</td>
</tr>
<tr>
<td>2002/30184</td>
<td>{Alpha-shaped}</td>
</tr>
<tr>
<td>2002/30186</td>
<td>{B-shaped}</td>
</tr>
<tr>
<td>2002/30187</td>
<td>{D-shaped or half-disc-shaped}</td>
</tr>
<tr>
<td>2002/30189</td>
<td>{E-shaped or epsilon-shaped}</td>
</tr>
<tr>
<td>2002/30191</td>
<td>{heart-shaped}</td>
</tr>
<tr>
<td>2002/30192</td>
<td>{J-shaped}</td>
</tr>
<tr>
<td>2002/30194</td>
<td>{quarter-disc-shaped}</td>
</tr>
<tr>
<td>2002/30196</td>
<td>{Psi-shaped or fork-shaped}</td>
</tr>
<tr>
<td>2002/30197</td>
<td>{Omega-shaped}</td>
</tr>
<tr>
<td>2002/30199</td>
<td>{Three-dimensional shapes}</td>
</tr>
<tr>
<td>2002/302</td>
<td>{toroidal, e.g. rings}</td>
</tr>
<tr>
<td>2002/30202</td>
<td>{half-toruses}</td>
</tr>
<tr>
<td>2002/30204</td>
<td>{toric}</td>
</tr>
<tr>
<td>2002/30205</td>
<td>{conical}</td>
</tr>
<tr>
<td>2002/30207</td>
<td>{Double convex cones, i.e. element having two convex cones, one at each of its opposite ends}</td>
</tr>
<tr>
<td>2002/30209</td>
<td>{Cones of elliptical or oval basis}</td>
</tr>
<tr>
<td>2002/3021</td>
<td>{frustoconical}</td>
</tr>
<tr>
<td>2002/30212</td>
<td>{Half-cones}</td>
</tr>
<tr>
<td>2002/30214</td>
<td>{having tapered sections of different conicities}</td>
</tr>
<tr>
<td>2002/30215</td>
<td>{Stepped cones, i.e. having discrete diameter changes}</td>
</tr>
<tr>
<td>2002/30217</td>
<td>{hollow cones, e.g. tubular-like cones}</td>
</tr>
<tr>
<td>2002/30219</td>
<td>{the inner and outer surfaces having different conicities}</td>
</tr>
<tr>
<td>2002/3022</td>
<td>{Half tubular-like cones}</td>
</tr>
<tr>
<td>2002/30222</td>
<td>{concentric tubular-like cones}</td>
</tr>
<tr>
<td>2002/30224</td>
<td>{cylindrical}</td>
</tr>
<tr>
<td>2002/30225</td>
<td>{Flat cylinders, i.e. discs}</td>
</tr>
<tr>
<td>2002/30227</td>
<td>{arched, domed or vaulted}</td>
</tr>
<tr>
<td>2002/30228</td>
<td>{Cylinders of elliptical or oval basis}</td>
</tr>
<tr>
<td>2002/3023</td>
<td>{wedge-shaped cylinders}</td>
</tr>
<tr>
<td>2002/30232</td>
<td>{Half-cylinders}</td>
</tr>
<tr>
<td>2002/30233</td>
<td>{Stepped cylinders, i.e. having discrete diameter changes}</td>
</tr>
<tr>
<td>2002/30235</td>
<td>{tubular, e.g. sleeves}</td>
</tr>
<tr>
<td>2002/30237</td>
<td>{partial tubes}</td>
</tr>
<tr>
<td>2002/30238</td>
<td>{half tubes}</td>
</tr>
<tr>
<td>2002/3024</td>
<td>{concentric tubes}</td>
</tr>
<tr>
<td>2002/30242</td>
<td>{spherical}</td>
</tr>
<tr>
<td>2002/30243</td>
<td>{the overall spherical surface being composed of a plurality of adjacent circular or polygonal segments, e.g. football-like shaped}</td>
</tr>
<tr>
<td>2002/30245</td>
<td>{Partial spheres}</td>
</tr>
<tr>
<td>2002/30247</td>
<td>{Hemispheres or half-spheres}</td>
</tr>
<tr>
<td>2002/30248</td>
<td>{Quarter-spheres}</td>
</tr>
<tr>
<td>2002/3025</td>
<td>{hollow spheres}</td>
</tr>
<tr>
<td>2002/30252</td>
<td>{quadric-shaped}</td>
</tr>
<tr>
<td>2002/30253</td>
<td>{ellipsoidal or ovoid}</td>
</tr>
<tr>
<td>2002/30255</td>
<td>{hyperboloidal}</td>
</tr>
<tr>
<td>2002/30257</td>
<td>{paraboloidal}</td>
</tr>
<tr>
<td>2002/30258</td>
<td>{elliptic paraboloid}</td>
</tr>
<tr>
<td>2002/3026</td>
<td>{hyperbolic paraboloid}</td>
</tr>
<tr>
<td>2002/30261</td>
<td>{parallelepipedal}</td>
</tr>
<tr>
<td>2002/30263</td>
<td>{cubical}</td>
</tr>
<tr>
<td>2002/30265</td>
<td>{Flat parallelepipeds}</td>
</tr>
<tr>
<td>2002/30266</td>
<td>{wedge-shaped parallelepipeds}</td>
</tr>
<tr>
<td>2002/30268</td>
<td>{Partial parallelepipeds}</td>
</tr>
<tr>
<td>2002/3027</td>
<td>{Stepped parallelepipeds}</td>
</tr>
<tr>
<td>2002/30271</td>
<td>{hollow parallelepipeds}</td>
</tr>
<tr>
<td>2002/30273</td>
<td>{pyramidal}</td>
</tr>
<tr>
<td>2002/30275</td>
<td>{tetrahedral, i.e. having a triangular basis}</td>
</tr>
<tr>
<td>2002/30276</td>
<td>{frustoconical}</td>
</tr>
<tr>
<td>2002/30278</td>
<td>{hollow pyramids}</td>
</tr>
<tr>
<td>2002/3028</td>
<td>{polyhedral different from parallelepiped and pyramidal}</td>
</tr>
<tr>
<td>2002/30281</td>
<td>{wedge-shaped}</td>
</tr>
<tr>
<td>2002/30283</td>
<td>{hollow}</td>
</tr>
<tr>
<td>2002/30285</td>
<td>{rugby-ball-shaped}</td>
</tr>
<tr>
<td>2002/30286</td>
<td>{barrel-shaped}</td>
</tr>
<tr>
<td>2002/30288</td>
<td>{bottle-shaped}</td>
</tr>
<tr>
<td>2002/30289</td>
<td>{helically-coiled}</td>
</tr>
<tr>
<td>2002/30291</td>
<td>{spirally-coiled, i.e. having a 2-D spiral cross-section}</td>
</tr>
<tr>
<td>2002/30293</td>
<td>{Cylindrical body made by spirally rolling up a sheet or a strip around itself}</td>
</tr>
<tr>
<td>2002/30294</td>
<td>{Conical or frustoconical body made by spirally rolling up a sheet or a strip around itself}</td>
</tr>
<tr>
<td>2002/30296</td>
<td>{logarithmic spiral}</td>
</tr>
<tr>
<td>2002/30298</td>
<td>{Parallelepiped body made by spirally rolling up a sheet or a strip around itself}</td>
</tr>
<tr>
<td>2002/30299</td>
<td>{umbrella-shaped or mushroom-shaped}</td>
</tr>
<tr>
<td>2002/30301</td>
<td>{saddle-shaped}</td>
</tr>
<tr>
<td>2002/30303</td>
<td>{polypod-shaped}</td>
</tr>
<tr>
<td>2002/30304</td>
<td>{nose-shaped}</td>
</tr>
<tr>
<td>2002/30306</td>
<td>{harpoon-shaped}</td>
</tr>
<tr>
<td>2002/30308</td>
<td>{banana-shaped}</td>
</tr>
<tr>
<td>2002/30309</td>
<td>{hat-shaped}</td>
</tr>
<tr>
<td>2002/30311</td>
<td>{doughnut-shaped}</td>
</tr>
<tr>
<td>2002/30313</td>
<td>{pear-shaped}</td>
</tr>
</tbody>
</table>
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/30314 . . . . . . {bell-shaped}
2002/30316 . . . . . . {The prosthesis having different structural features at different locations within the same prosthesis; Connections between prosthetic parts; Special structural features of bone or joint prostheses not otherwise provided for}
2002/30317 . . . . . . {The prosthesis having different structural features at different locations within the same prosthesis}
2002/30319 . . . . . . {differing in moment of inertia}
2002/30321 . . . . . . {differing in roughness}
2002/30322 . . . . . . {differing in surface structures}
2002/30324 . . . . . . {differing in thickness}
2002/30326 . . . . . . {differing in height or in length}
2002/30327 . . . . . . {differing in diameter}
2002/30329 . . . . . . {Connections or couplings between prosthetic parts, e.g. between modular parts; Connecting elements}
2002/30331 . . . . . . {made by longitudinally pushing a protrusion into a complementarily-shaped recess, e.g. held by friction fit}
2002/30332 . . . . . . {Conically- or frustoconically-shaped protrusion and recess}
2002/30334 . . . . . . {Cone of elliptical or oval basis}
2002/30336 . . . . . . {Stepped cones, i.e. having discrete diameter changes}
2002/30337 . . . . . . {Inverted concave conical connections, e.g. for opposing disconnection}
2002/30339 . . . . . . {Double cones, i.e. connecting element having two conical connections, one at each of its opposite ends}
2002/30341 . . . . . . {both cones being convex, i.e. male tapers}
2002/30342 . . . . . . {both cones being concave, i.e. female tapers}
2002/30344 . . . . . . {one cone being convex and the other being concave}
2002/30345 . . . . . . {Multiple conical connection, i.e. the protrusion and recess having several tapered sections of different complementary conicities}
2002/30347 . . . . . . {Protrusion and recess of complementarily-tapered undulated or serrated cross-section}
2002/30349 . . . . . . {the male and female complementary cones being of different conicities, i.e. for reducing the contact area}
2002/3035 . . . . . . {Protrusion cone having an inner female concave taper}
2002/30352 . . . . . . {Protrusion and recess of D-shaped cross-section}
2002/30354 . . . . . . {Cylindrically-shaped protrusion and recess, e.g. cylinder of circular basis}
2002/30355 . . . . . . {Cylinder of elliptical or oval basis}
2002/30357 . . . . . . {Stepped cylinders, i.e. having discrete diameter changes}
2002/30359 . . . . . . {Pyramidally- or frustopyramidally-shaped protrusion and recess}
2002/3036 . . . . . . {Prolusion and recess of kidney-shaped cross-section}
2002/30362 . . . . . . {with possibility of relative movement between the protrusion and the recess}
2002/30364 . . . . . . {Rotation about the common longitudinal axis}
2002/30365 . . . . . . {with additional means for limiting said rotation}
2002/30367 . . . . . . {with additional means for preventing said rotation}
2002/30369 . . . . . . {Limited lateral translation of the protrusion within a larger recess}
2002/3037 . . . . . . {Translation along the common longitudinal axis, e.g. piston}
2002/30372 . . . . . . {with additional means for limiting said translation}
2002/30373 . . . . . . {with additional means for preventing said translation}
2002/30375 . . . . . . {with an intermediate bushing or sleeve between the moving parts}
2002/30377 . . . . . . {Protrusion and recess of constant polygonal, serrated or undulated cross-section}
2002/30378 . . . . . . {Spherically-shaped protrusion and recess}
2002/3038 . . . . . . {made by pushing a key or a peg into a mating slot or hole}
2002/30382 . . . . . . {made by pushing lateral pegs into mating lateral slots or bores}
2002/30383 . . . . . . {made by laterally inserting a protrusion, e.g. a rib into a complementarily-shaped groove}
2002/30385 . . . . . . {the rib and groove having non-parallel, e.g. conically-tapered, cooperating sides, e.g. having a trapezoidal front cross-section}
2002/30387 . . . . . . {Dovetail connection}
2002/30388 . . . . . . {Half-dovetail}
2002/3039 . . . . . . {with possibility of relative movement of the rib within the groove}
2002/30392 . . . . . . {Rotation}
2002/30393 . . . . . . {with additional means for limiting said rotation}
2002/30395 . . . . . . {with additional means for preventing or locking said rotation}
2002/30397 . . . . . . {Limited lateral translation of the rib within a larger groove}
2002/30398 . . . . . . {Sliding}
2002/304 . . . . . . {with additional means for limiting said sliding}
2002/30401 . . . . . . {with additional means for preventing or locking said sliding}
2002/30403 . . . . . . {Longitudinally-oriented cooperating ribs and grooves on mating lateral surfaces of a mainly longitudinal connection}
2002/30405 . . . . . . {made by screwing complementary threads machined on the parts themselves}
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/30406 . . . . . . [Threads machined on spherical, e.g. hemispherical, surfaces] 2002/30471 . . . . . . [connected by a hinged linkage mechanism, e.g. of the single-bar or multi-bar linkage type]
2002/30408 . . . . . . [Conical threadings] 2002/30472 . . . . . . [using connecting nails or pins]
2002/3041 . . . . . . [having threaded portions of different pitches] 2002/30474 . . . . . . [using an intermediate sleeve interposed between both prosthetic parts to be coupled]
2002/30411 . . . . . . [having two threaded end parts connected by a threaded central part with opposite threads at its opposite ends, i.e. for adjusting the distance between both end parts by rotating the central part] 2002/30476 . . . . . . [locked by an additional locking mechanism]
2002/30413 . . . . . . [having threads of increasing height or depth] 2002/30477 . . . . . . [using sharp protrusions, e.g. spikes, for anchoring into connecting prosthetic part]
2002/30415 . . . . . . [with additional means for limiting the length of the movement of the male threads within the female threads] 2002/3048 . . . . . . [plastically deformable]
2002/30416 . . . . . . [Microthreads] 2002/30485 . . . . . . [Circumferential cooperating grooves and beads on cooperating lateral surfaces of a mainly longitudinal connection]
2002/30418 . . . . . . [Double or multiple threadings] 2002/30487 . . . . . . [Circumferential cooperating serrations]
2002/3042 . . . . . . [with a pin cooperating with a helical groove] 2002/30488 . . . . . . [using a slidable covering the connection]
2002/30421 . . . . . . [Rounded threads] 2002/30489 . . . . . . [using a locking ring]
2002/30423 . . . . . . [Stepped cylindrical threads, i.e. having discrete diameter changes] 2002/3049 . . . . . . [using a locking cam]
2002/30425 . . . . . . [Square threads] 2002/30492 . . . . . . [using a locking pin]
2002/30426 . . . . . . [Bayonet coupling] 2002/30494 . . . . . . [Cooperating protrusions and recesses, e.g. radial serrations, located on abutting end surfaces of a longitudinal connection]
2002/30428 . . . . . . {made by inserting a protrusion into a slot} 2002/30495 . . . . . . [using a locknut]
2002/30429 . . . . . . [made by inserting a hook into a cooperating slot] 2002/30497 . . . . . . [using a split ring, e.g. circlip]
2002/30431 . . . . . . [made by first pushing a necked button longitudinally and then sliding it laterally within a keyhole slot] 2002/30499 . . . . . . [using a wire ring]
2002/30433 . . . . . . {using additional screws, bolts, dowels or rivets, e.g. connecting screws} 2002/3050 . . . . . . [Snap connection]
2002/30434 . . . . . . {using bolts} 2002/30502 . . . . . . [Press-buttons]
2002/30436 . . . . . . {using dowels} 2002/30504 . . . . . . [made by laterally snapping a peg or a like protrusion into a mating detent, hole or slot]
2002/30438 . . . . . . {using nuts} 2002/30505 . . . . . . [spring biased]
2002/30439 . . . . . . [Screw head protectors] 2002/30507 . . . . . . [using a threaded locking member, e.g. a locking screw or a set screw]
2002/30441 . . . . . . [using rivets or directly riveted] 2002/30509 . . . . . . [using a traction locking screw]
2002/30443 . . . . . . [using washers] 2002/3051 . . . . . . [using a locking bolt or a set bolt]
2002/30444 . . . . . . [Split washers] 2002/30512 . . . . . . [using a locking nut or a set nut]
2002/30446 . . . . . . [Spring washers, e.g. Belleville washers] 2002/30514 . . . . . . [using a locking washer]
2002/30448 . . . . . . {using adhesives} 2002/30515 . . . . . . [using a locking wedge or block]
2002/30449 . . . . . . [the adhesive being cement] 2002/30517 . . . . . . [using a locking plate]
2002/30451 . . . . . . [soldered or brazed or welded] 2002/30518 . . . . . . [with possibility of relative movement between the prosthetic parts]
2002/30453 . . . . . . [brazed] 2002/3052 . . . . . . [unrestrained in only one direction, e.g. moving unidirectionally]
2002/30454 . . . . . . [by high energy welding, e.g. laser beam welding, electron beam welding, plasma welding] 2002/30522 . . . . . . [releasable in only one direction, e.g. moving unidirectionally]
2002/30456 . . . . . . [by spot welding] 2002/30523 . . . . . . [by means of meshing gear teeth]
2002/30457 . . . . . . [by ultrasonic or sonic welding] 2002/30525 . . . . . . [Worm gears]
2002/30459 . . . . . . [stapled] 2002/30527 . . . . . . [using a gear box]
2002/30461 . . . . . . [sutured, ligatured or stitched] 2002/30528 . . . . . . [Means for limiting said movement]
2002/30462 . . . . . . [retained or tied with a rope, string, thread, wire or cable] 2002/3053 . . . . . . [having additional means for preventing unwanted connections]
2002/30464 . . . . . . [using bands, belts or straps] 2002/3054 . . . . . . [using a sliding connection]
2002/30466 . . . . . . [being elastic] 2002/3055 . . . . . . [spring biased]
2002/30467 . . . . . . [using hook and loop-type fasteners] 2002/3056 . . . . . . [using a locking ring]
2002/30469 . . . . . . [using band clamps]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/30532 . . . . . [for preventing connection between parts of wrong sizes or orientations]
2002/30533 . . . . . [for preventing permanent connection between prosthetic parts and trial parts]
2002/30535 . . . . . [Special structural features of bone or joint prostheses not otherwise provided for]
2002/30537 . . . . . [adjustable]
2002/30538 . . . . . [for adjusting angular orientation]
2002/3054 . . . . . [about a connection axis or implantation axis for selecting any one of a plurality of radial orientations between two modular parts, e.g. at discrete positions]
2002/30542 . . . . . [at continuous positions]
2002/30543 . . . . . [at only two discrete angular positions, e.g. located at 180 degrees intervals]
2002/30545 . . . . . [for adjusting a diameter]
2002/30546 . . . . . [for adjusting elasticity, flexibility, spring rate or mechanical tension]
2002/30548 . . . . . [for adjusting fluid pressure]
2002/3055 . . . . . [for adjusting length]
2002/30551 . . . . . [at different discrete positions, e.g. at equidistant intervals]
2002/30553 . . . . . [for adjusting a position by translation along an axis]
2002/30555 . . . . . [along two perpendicular axes]
2002/30556 . . . . . [for adjusting thickness]
2002/30558 . . . . . [Force-limiting means]
2002/3056 . . . . . [Torque-limiting means]
2002/30561 . . . . . [breakable or frangible]
2002/30563 . . . . . [having elastic means or damping means, different from springs, e.g. including an elastomeric core or shock absorbers]
2002/30565 . . . . . [having spring elements]
2002/30566 . . . . . [Helical springs]
2002/30568 . . . . . [Multiple spring systems including two or more helical springs]
2002/3057 . . . . . [Concentric outer and inner helical springs]
2002/30571 . . . . . [Leaf springs]
2002/30573 . . . . . [2-D spiral springs]
2002/30574 . . . . . [with an integral complete or partial collar or flange]
2002/30576 . . . . . [with extending fixation tabs]
2002/30578 . . . . . [having apertures, e.g. for receiving fixation screws]
2002/30579 . . . . . [with mechanically expandable devices, e.g. fixation devices]
2002/30581 . . . . . [having a pocket filled with fluid, e.g. liquid]
2002/30583 . . . . . [filled with hardenable fluid, e.g. curable in-situ]
2002/30584 . . . . . [filled with gas]
2002/30586 . . . . . [having two or more inflatable pockets or chambers]
2002/30588 . . . . . [filled with solid particles]
2002/30589 . . . . . [Sealing means]
2002/30591 . . . . . [O-rings]
2002/30593 . . . . . [hollow]
2002/30594 . . . . . [slotted]
2002/30596 . . . . . [slots ending in apertures, e.g. for avoiding stress concentration at the ends of the slots]
2002/30598 . . . . . [Plurality of slots]
2002/30599 . . . . . [stackable]
2002/30601 . . . . . [telescopic]
2002/30602 . . . . . [Shaft made of a bundle of anchoring rods or bristles, e.g. fasciculate shaft]
2002/30604 . . . . . [modular]
2002/30606 . . . . . [Sets comprising both cemented and non-cemented endoprostheses]
2002/30607 . . . . . [Kits of prosthetic parts to be assembled in various combinations for forming different prostheses]
2002/30609 . . . . . [Sets comprising both coated and non-coated endoprostheses]
2002/30611 . . . . . [Nested prosthetic parts]
2002/30612 . . . . . [Pre-assembled implant modules]
2002/30614 . . . . . [Sets comprising both primary and revision endoprostheses]
2002/30616 . . . . . [Sets comprising a plurality of prosthetic parts of different sizes or orientations]
2002/30617 . . . . . [Visible markings for adjusting, locating or measuring]
2002/30619 . . . . . [Wire rings]
2002/30621 . . . . . [Features concerning the anatomical functioning or articulation of the prosthetic joint]
2002/30622 . . . . . [Implant for fusing a joint or bone material]
2002/30624 . . . . . [Hinged joint, e.g. with transverse axle restricting the movement]
2002/30626 . . . . . [allowing only for single rotation]
2002/30627 . . . . . [by means of cooperating stepped cylindrical surfaces]
2002/30629 . . . . . [of the pin-guiding groove linkage type]
2002/3063 . . . . . [having bearing bushes between the rotating parts]
2002/30632 . . . . . [with rotation-limiting stops, e.g. projections or recesses]
2002/30634 . . . . . [biaxial]
2002/30635 . . . . . [Cardan or gimbal joints]
2002/30637 . . . . . [Dual arrangement of two adjacent hinged joints]
2002/30639 . . . . . [having rolling elements between both articulating surfaces]
2002/3064 . . . . . [Ball bearings]
2002/30642 . . . . . [having a single rolling (or sliding) ball articulating between two cups]
2002/30644 . . . . . [Roller bearings]
2002/30645 . . . . . [Needle bearings]
2002/30647 . . . . . [Joints made of two toroidal rings engaged together]
2002/30649 . . . . . [Ball-and-socket joints]
2002/3065 . . . . . [Details of the ball-shaped head]
2002/30652 . . . . . [Special cut-outs, e.g. flat or grooved cut-outs]
2002/30654 . . . . . [Details of the concave socket]
2002/30655 . . . . . [Non-spherical concave inner surface]
2002/30657 . . . . . [made of different partially-spherical concave portions]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

A61F

2002/30658 ... ... ... [having a central conforming area surrounded by a peripheral annular non-conforming area]
2002/3066 ... ... ... [having a central non-conforming area surrounded by a peripheral annular conforming area]
2002/30662 ... ... ... [with rotation-limiting means]
2002/30663 ... ... ... [multiaxial, e.g. biaxial; multipolar, e.g. bipolar or having an intermediate shell articulating between the ball and the socket]
2002/30665 ... ... ... [Dual arrangement of two adjacent ball-and-socket joints]
2002/30667 ... ... ... [Features concerning an interaction with the environment or a particular use of the prosthesis]
2002/30668 ... ... ... [Means for transferring electromagnetic energy to implants]
2002/3067 ... ... ... [for data transfer]
2002/30672 ... ... ... [temporary]
2002/30673 ... ... ... [Lubricating means, e.g. synovial pocket]
2002/30675 ... ... ... [Means for regulating synovial fluid pressure]
2002/30677 ... ... ... [Means for introducing or releasing pharmaceutical products, e.g. antibiotics, into the body]
2002/30678 ... ... ... [Gene therapy]
2002/3068 ... ... ... [the pharmaceutical product being in a reservoir]
2002/30682 ... ... ... [Means for preventing migration of particles released by the joint, e.g. wear debris or cement particles]
2002/30683 ... ... ... [Means for collecting wear particles in a hollow cavity inside the prosthesis]
2002/30685 ... ... ... [Means for reducing or preventing the generation of wear particulates]
2002/30686 ... ... ... [Devices for removing particulate debris from prosthetic joints]
2002/30688 ... ... ... [Means for allowing passage or sliding of tendons or ligaments]
2002/3069 ... ... ... [Revision endoprostheses]
2002/30691 ... ... ... [Drainage means, e.g. for evacuating blood or other fluids]
2002/30693 ... ... ... [Air venting means]
2002/30695 ... ... ... [Sound-damping or noise-reducing means]
2002/30696 ... ... ... [Means for preventing the accidental forgetting of prosthetic parts inside the body during operation]
2002/30698 ... ... ... [Alarm means]
2002/307 ... ... ... [Prostheses for animals]
2002/30701 ... ... ... [for cats]
2002/30703 ... ... ... [for dogs]
2002/30705 ... ... ... [for horses]
2002/30706 ... ... ... [specially designed for children, e.g. having means for adjusting to their growth]
2002/30708 ... ... ... [Means for distinguishing between left-sided and right-sided devices, Sets comprising both left-sided and right-sided prosthetic parts]
2002/3071 ... ... ... [Identification means; Administration of patients]
2002/30711 ... ... ... [with bar code]
2002/30713 ... ... ... [colour-coded]
2002/30714 ... ... ... [coded with symbols, e.g. dots, numbers, letters, words]
2002/30716 ... ... ... [for single use, e.g. having means for preventing re-use]
2002/30718 ... ... ... [Means for protecting prosthetic parts, e.g. during operation]
2002/30719 ... ... ... [Means for cleaning prostheses]
2/30721 ... ... ... [Accessories]
2/30723 ... ... ... [Plugs or restrictors for sealing a cement-receiving space (tools for inserting plugs A61F 2/4614; sealing collars for use during cementing A61B 17/8808)]
2/30724 ... ... ... [Spacers for centering an implant in a bone cavity, e.g. in a cement-receiving cavity]
2002/30726 ... ... ... [Centering or guiding rods, e.g. for insertion of femoral shafts]
2/30728 ... ... ... [Collars; Bone edge protectors (A61F 2/30734 takes precedence; sealing collars for use during cementing A61B 17/8808)]
2002/30729 ... ... ... [Separate collars]
2002/30731 ... ... ... [Bone edge protectors]
2002/30733 ... ... ... [Inserts placed into an endoprosthetic cavity, e.g. for modifying a material property]
2/30734 ... ... ... [Modular inserts, sleeves or augments, e.g. placed on proximal part of stem for fixation purposes or wedges for bridging a bone defect]
2002/30736 ... ... ... [Augments or augmentation pieces, e.g. wedges or blocks for bridging a bone defect]
2002/30738 ... ... ... [Sleeves]
2/30739 ... ... ... [Devices connected to the proximal part of an endoprosthetic femoral shaft for reinforcing or replacing the trochanters, e.g. the greater trochanter (proximal parts of endoprosthetic femoral shafts A61F 2/367; non-prosthetic trochanteric devices A61B 17/74)]
2002/30741 ... ... ... [for the lesser trochanter]
2/30742 ... ... ... [Bellows or hose-like seals; Sealing membranes (A61B 17/8808 takes precedence; sealing membranes for retaining bone substitute A61F 2/2846)]
2/30744 ... ... ... [End caps, e.g. for closing an endoprosthetic cavity]
2002/30746 ... ... ... [closable by a rotation different from screwing or bayonet coupling, e.g. about the cap central longitudinal axis]
2002/30747 ... ... ... [closable by translation]
2/30749 ... ... ... [Fixation appliances for connecting prostheses to the body]
2002/30751 ... ... ... [for attaching cartilage scaffolds to underlying bone]
2002/30752 ... ... ... [by means of a bed of granular material]
2002/30754 ... ... ... [Implants for interposition between two natural articular surfaces]
2/30756 ... ... ... [Cartilage endoprostheses (A61F 2/3603 takes precedence)]
2002/30757 ... ... ... [made of a sheet covering the natural articular surface, e.g. cap]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/30759 . . . . [Mosaicplasty, i.e. using a plurality of individual cartilage plugs for filling a substantial cartilage defect]
2002/30761 . . . . [Support means for artificial cartilage, e.g. cartilage defect covering membranes]
2002/30762 . . . . [Means for culturing cartilage]
2002/30764 . . . . [Cartilage harvest sites]
2002/30766 . . . . [Scaffolds for cartilage ingrowth and regeneration]
2/30767 . . . . [Special external or bone-contacting surfaces, e.g. coating for improving bone ingrowth]
2002/30769 . . . . [madreporic]
2/30771 . . . . [applied in original prostheses, e.g. holes or grooves]
2002/30772 . . . . [Apertures or holes, e.g. of circular cross section]
2002/30774 . . . . [internally-threaded]
2002/30775 . . . . [with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread]
2002/30777 . . . . [Oblong apertures]
2002/30779 . . . . [arcuate]
2002/3078 . . . . [having an undulated contour, e.g. made of intercommunicating circular holes]
2002/30782 . . . . [inclined obliquely]
2002/30784 . . . . [Plurality of holes]
2002/30785 . . . . [parallel]
2002/30787 . . . . [inclined obliquely with respect to each other]
2002/30789 . . . . [perpendicular with respect to each other]
2002/3079 . . . . [Stepped or enlarged apertures, e.g. having discrete diameter changes]
2002/30792 . . . . [Dual tapered apertures]
2002/30794 . . . . [the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap]
2002/30795 . . . . [Blind bores, e.g. of circular cross-section]
2002/30797 . . . . [internally-threaded]
2002/30799 . . . . [with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread]
2002/308 . . . . [oblong]
2002/30802 . . . . [arcuate]
2002/30803 . . . . [inclined obliquely]
2002/30805 . . . . [Recesses of comparatively large area with respect to their low depth]
2002/30807 . . . . [Plurality of blind bores]
2002/30808 . . . . [parallel]
2002/3081 . . . . [inclined obliquely with respect to each other]
2002/30812 . . . . [perpendicular with respect to each other]
2002/30813 . . . . [Stepped or enlarged blind bores, e.g. having discrete diameter changes]
2002/30815 . . . . [the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap]
2002/30817 . . . . [Intersecting or overlapping blind bores]
2002/30818 . . . . [castellated or crenellated]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/30887 . . . . . . . . [with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread]
2002/30889 . . . . . . . . {Arcuate pegs}
2002/30891 . . . . . . . . {Plurality of protrusions}
2002/30892 . . . . . . . . {parallel}
2002/30894 . . . . . . . . {inclined obliquely with respect to each other}
2002/30896 . . . . . . . . {perpendicular with respect to each other}
2002/30897 . . . . . . . . {Stepped protrusions, i.e. having discrete diameter changes}
2002/30899 . . . . . . . . {Protrusions pierced with apertures}
2002/30901 . . . . . . . . {longitudinally}
2002/30902 . . . . . . . . {laterally or radially}
2002/30904 . . . . . . . . {serrated profile, i.e. saw-toothed}
2002/30906 . . . . . . . . [shot-sand- or grit-blasted]
2/30907 . . . . . . . . [Nets or sleeves applied to surface of prostheses or in cement]
2002/30909 . . . . . . . . {Nets}
2002/30911 . . . . . . . . {having a honeycomb structure}
2002/30912 . . . . . . . . [made of expanded metal, e.g. diamond mesh or metal nets having lozenge-shaped apertures]
2002/30914 . . . . . . . . {Details of the mesh structure, e.g. disposition of the woven warp and weft wires}
2002/30915 . . . . . . . . [made of a stack of bonded perforated sheets, grids or wire meshes]
2002/30917 . . . . . . . . {for avoiding direct contact between bone and implant, e.g. extensible membrane for preventing contamination or for easy removal}
2002/30919 . . . . . . . . [Sleeves]
2002/3092 . . . . . . . . {having an open-celled or open-pored structure}
2002/30922 . . . . . . . . [Hardened surfaces]
2002/30924 . . . . . . . . {by shot peening}
2002/30925 . . . . . . . . {etched}
2002/30927 . . . . . . . . {Electrolytic etching}
2002/30929 . . . . . . . . {having at least two superposed coatings}
2002/3093 . . . . . . . . {for promoting ingrowth of bone tissue}
2002/30932 . . . . . . . . {for retarding or preventing ingrowth of bone tissue}
2002/30934 . . . . . . . . [Special articulating surfaces]
2002/30935 . . . . . . . . {Concave articulating surface composed of a central conforming area surrounded by a peripheral annular non-conforming area}
2002/30937 . . . . . . . . {with cut-outs}
2002/30939 . . . . . . . . {Means for modifying the geometry of articulating surfaces, e.g. for compensating excessive clearance caused by wear}
2/3094 . . . . . . . . {Designing or manufacturing processes}
2/30942 . . . . . . . . {for designing or making customized prostheses, e.g. using templates, CT or NMR scans, finite-element analysis or CAD-CAM techniques (computer-assisted sizing or machining of dental prostheses A61C 13/0094; CAD-CAM techniques per se G05B 19/4202)}
2002/30943 . . . . . . . . {using mathematical models}
2002/30945 . . . . . . . . {using geometrical models}
2002/30947 . . . . . . . . {Fractal geometry}
2002/30948 . . . . . . . . {using computerized tomography, i.e. CT scans}
2002/3095 . . . . . . . . {using computerized axial tomography, i.e. CAT scans}
2002/30952 . . . . . . . . {using CAD-CAM techniques or NC-techniques}
2002/30953 . . . . . . . . {using a remote computer network, e.g. Internet}
2002/30955 . . . . . . . . {using finite-element analysis}
2002/30957 . . . . . . . . {using a positive or a negative model, e.g. moulds}
2002/30958 . . . . . . . . {using lost patterns, e.g. lost wax}
2002/3096 . . . . . . . . {trimmed or cut to a customised size}
2002/30962 . . . . . . . . {using stereolithography}
2002/30963 . . . . . . . . {using templates, e.g. grid charts}
2/30965 . . . . . . . . [Reinforcing the prosthesis by embedding particles or fibres during moulding or dipping]
2002/30967 . . . . . . . . {Diffusion bonding}
2002/30968 . . . . . . . . {Sintering}
2002/3097 . . . . . . . . {using laser}
2002/30971 . . . . . . . . {Laminates, i.e. layered products}
2002/30973 . . . . . . . . {Two joined adjacent layers having complementary interlocking protrusions and recesses}
2002/30975 . . . . . . . . {made of two halves}
2002/30976 . . . . . . . . {using hydrojet}
2002/30978 . . . . . . . . {using electrical discharge machining [EDM]}
2002/3098 . . . . . . . . {using physical vapour deposition [PVD]}
2002/30981 . . . . . . . . {using chemical vapour deposition [CVD]}
2002/30983 . . . . . . . . {using electrostatic spray deposition [ESD]}
2002/30985 . . . . . . . . {using three dimensional printing [3DP]}
2002/30986 . . . . . . . . {using hot isostatic pressing [HIP]}
2/30988 . . . . . . . . [Other joints not covered by any of the groups A61F 2/32 - A61F 2/4425]
2/3099 . . . . . . . . {for temporomandibular [TM, TMJ] joints (endoprostheses for mandibular reconstruction A61F 2/2803)}
2002/30991 . . . . . . . . {Mandibular components}
2002/30993 . . . . . . . . {Temporal components}
2002/30995 . . . . . . . . {for sacro-iliac joints}
2002/30996 . . . . . . . . {for sterno-clavicular joints}
2002/30998 . . . . . . . . {for acromio-clavicular joints}
2/32 . . . . . . . . for the hip

NOTE
Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only

2002/3208 . . . . . . . . {Bipolar or multipolar joints, e.g. having a femoral head articulating within an intermediate acetabular shell whilst said shell articulates within the natural acetabular socket or within an artificial outer shell}
2002/3216 . . . . . . . . {tripolar}
2002/3225 . . . . . . . . {the diameter of the inner concave femoral head-receiving cavity of the inner acetabular shell being essentially greater than the diameter of the convex femoral head}
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/3233 . . . . [having anti-luxation means for preventing complete dislocation of the femoral head from the acetabular cup]
2002/3241 . . . . [having a ring, e.g. for locking the femoral head into the acetabular cup]
2002/325 . . . . [Split ring]
2002/3258 . . . . [Elastic or split ring, slideable from a first insertion position to a second locked position]
2002/3266 . . . . [Wire ring]
2002/3275 . . . . [Partial ring, i.e. not extending along the entire equatorial circumference]
2002/3283 . . . . [having two rings]
2002/3291 . . . . [for locking two concentric acetabular shells]
2/34 . . . . Acetabular cups
2002/3401 . . . . [with radial apertures, e.g. radial bores for receiving fixation screws]
2002/3403 . . . . [Polar aperture]
2002/3404 . . . . [internally-threaded]
2002/3406 . . . . [Oblong apertures]
2002/3408 . . . . [Shells having at least two sets of different apertures, e.g. one set located in the equatorial zone and another set located in the polar zone]
2002/3409 . . . . [having a bayonet coupling between an outer shell and a bearing insert]
2002/3411 . . . . [having a snap connection between two concentric shells]
2002/3412 . . . . [with pins or protrusions, e.g. non-sharp pins or protrusions projecting from a shell surface]
2002/3414 . . . . [Polar protrusion, e.g. for centering two concentric shells]
2002/3416 . . . . [externally-threaded]
2002/3417 . . . . [the outer shell having protrusions on meridian lines, e.g. equidistant fins or wings around the equatorial zone]
2002/3419 . . . . [Meridian ribs]
2002/342 . . . . [the outer shell having circumferential protrusions parallel to the equatorial plane, e.g. circumferential fins or wings]
2002/3422 . . . . [Circumferential ribs]
2002/3424 . . . . [arranged in rows, the circumferential ribs covering only partially the outer shell surface, e.g. located in the equatorial zone]
2002/3425 . . . . [the outer shell having non-meridian protrusions, e.g. fins or wings, located in planes inclined or perpendicular with respect to the equatorial plane]
2002/3427 . . . . [Non-meridian ribs, e.g. parallel ribs, inclined or perpendicular with respect to the equatorial plane]
2002/3429 . . . . [with an integral peripheral collar or flange, e.g. oriented away from the shell centre line]
2002/343 . . . . [partial, i.e. not extending along the entire equatorial circumference]
2002/3432 . . . . [having apertures for receiving fixation screws]
2002/3433 . . . . [with cut-outs, e.g. for allowing escape of excess bone cement]
2002/3435 . . . . [peripheral lip, e.g. elastic lip]
2002/3437 . . . . [oriented inwardly towards the shell centre line]
2002/3438 . . . . [hollow, e.g. clearance between inner and outer shells]
2002/344 . . . . [the inner shell having an inner hip joint articulation]
2002/3441 . . . . [the outer shell having an outer surface and an inner insert receiving cavity offset from its centre line]
2002/3443 . . . . [with an anti-luxation means for preventing complete dislocation of the femoral head receiving cavity offset from the longitudinal axis of the outer surface]
2002/3445 . . . . [having a number of shells different from two]
2002/3446 . . . . [Single cups]
2002/3448 . . . . [Multiple cups made of three or more concentric shells fitted or nested into one another]
2002/345 . . . . [the inner and outer (hemispherical surfaces of a shell, e.g. an intermediate shell, having distinct centres of rotation, both located on the centre line of the shell]
2002/3451 . . . . [with angular positioning means for selecting any one of a plurality of radial orientations between two concentric shells, e.g. at discrete positions]
2002/3453 . . . . [having a non-hemispherical convex outer surface, e.g. quadric-shaped]
2002/3454 . . . . [having an oblong, oval or elliptical cross-section in the equatorial plane]
2002/3456 . . . . [ellipsoidal or having a flattened polar region]
2002/3458 . . . . [having a flattened polar plane]
2002/3459 . . . . [made of different partially-spherical portions]
2002/3461 . . . . [having a lower equatorial peripheral spherical portion and an upper polar spherical portion, e.g. of differing radii or centres of rotation]
2002/3462 . . . . [having a frustoconical external shape, e.g. entirely frustoconical]
2002/3464 . . . . [partially frustoconical]
2002/3466 . . . . [having a cylindrical external shape, e.g. entirely cylindrical]
2002/3467 . . . . [partially cylindrical]
2002/3469 . . . . [with non-radial inner bores or canals]
2002/347 . . . . [with a slotted shell, e.g. outer shell having radial or meridian slots]
2002/3472 . . . . [with one radial or meridian slot ending in a polar aperture]
2002/3474 . . . . [slots ending in non-polar apertures]
2002/3475 . . . . [horizontal slots, i.e. parallel to the equatorial plane]
2002/3477 . . . . [arcuate slots]
2002/3479 . . . . [Cage-like shells, e.g. hemispherical outer shells made of meridian strips or wires connected to an equatorial strip, rim or wire]
2002/348 . . . . [Additional features]
2002/3482 . . . . [Two hemispherical halves having completely different structures]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

A61F

2002/3498 . . . . . . . . [made of different partially-spherical concave portions]
2/36 . . . . . Femoral heads {; Femoral endoprostheses}
2/3601 . . . . . [for replacing only the epiphyseal or metaphyseal parts of the femur, e.g. endoprosthetic femoral heads or necks directly fixed to the natural femur by internal fixation devices (non-prosthetic direct fixed to the natural femur by endoprosthetic femoral heads or necks takes precedence)]
2/3603 . . . . . [implanted without ablation of the whole natural femoral head (endoprosthetic cartilage A61F 2/30756)]
2002/3605 . . . . . . . . [made of two or more concentric caps fitted onto one another]
2/3607 . . . . . [including proximal or total replacement of the femur]
2/3609 . . . . . [Femoral heads or necks; Connections of endoprosthetic heads or necks to endoprosthetic femoral shafts (A61F 2/3601 takes precedence)]
2002/3611 . . . . . [Heads or epiphyseal parts of femur]
2002/3613 . . . . . [with lateral or oblique apertures, holes or openings]
2002/3615 . . . . . [having a concave shape, e.g. hemispherical heads]
2002/3617 . . . . . [with special cut-outs, e.g. flat cut-outs for inserting the head into a cooperating shell, in a given insertion position]
2002/3619 . . . . . [hollow]
2002/3621 . . . . . [pierced with a longitudinal bore]
2002/3623 . . . . . [Non-spherical heads]
2002/3625 . . . . . [Necks]
2002/3627 . . . . . [with lateral apertures, holes or openings]
2002/3629 . . . . . [inclined obliquely]
2002/3631 . . . . . [with an integral complete or partial peripheral collar or bearing shoulder at its base]
2002/3633 . . . . . [with an integral protrusion extending distally under the collar]
2002/3635 . . . . . . . . [having a separate element placed under the collar]
2002/3637 . . . . . . . . [with an angled portion, e.g. oriented towards the lesser trochanter]
2002/3639 . . . . . . . . [with cut-outs]
2002/3641 . . . . . . . . [pierced with apertures perpendicular to the collar longitudinal axis]
2002/3643 . . . . . . . . [pierced with apertures parallel or oblique with respect to the collar longitudinal axis]
2002/3645 . . . . . . . . [hollow]
2002/3647 . . . . . . . . [pierced with a longitudinal bore]
2002/3649 . . . . . . . . [offset from the neck central longitudinal axis]
2002/365 . . . . . . . . [Connections of heads to necks]
2002/3652 . . . . . . . . [Connections of necks to shafts]
2002/3654 . . . . . . . . [Connections of heads directly to shafts]
2002/3656 . . . . . . . . [with angular positioning means for selecting any one of a plurality of radial orientations, e.g. at discrete positions]
2002/3658 . . . . . . . . [Two angular positions, e.g. located at 180 degrees intervals]
2002/366 . . . . . . . . [at continuous positions]
2/3662 . . . . . . . . . [Femoral shafts]
2002/3664 . . . . . . . . [with non-sharp protrusions]
2002/3666 . . . . . . . . [Circumferential flanges or fins]
2002/3668 . . . . . . . . [Longitudinal fins or wings, e.g. for preventing rotation within the intramedullary bone cavity]
2/367 . . . . . . . . . [Proximal or metaphyseal parts of shafts (trochanteric devices connected to said proximal parts A61F 2/30739)]
2/3672 . . . . . . . . . [Intermediate parts of shafts]
2002/3674 . . . . . . . . [Connections of proximal parts to distal parts]
2/3676 . . . . . . . . . [Distal or diaphyseal parts of shafts]
2002/3678 . . . . . . . . [Geometrical features]
2002/368 . . . . . . . . [with lateral apertures, bores, holes or openings, e.g. for reducing the mass, for receiving fixation screws or for communicating with the inside of a hollow shaft]
2002/3682 . . . . . . . . [Oblong apertures]
2002/3684 . . . . . . . . [inclined obliquely with respect to the shaft longitudinal axis, e.g. along the neck axis]
2002/3686 . . . . . . . . [bent]
2002/3688 . . . . . . . . [with opposite proximal and distal curvatures, i.e. S-shaped shaft]
2002/369 . . . . . . . . [Stepped shaft, i.e. having discrete diameter changes]
2002/3692 . . . . . . . . [hollow]
2002/3694 . . . . . . . . [with longitudinal bores]
2002/3696 . . . . . . . . [slotted]
2002/3698 . . . . . . . . [twisted about the longitudinal axis of the shaft]
2/38 . . . . for elbows or knees

NOTE
Documents, which are of interest for more than one of the following subgroups, are
A61F 2/38 (continued)  

classified in the hierarchically higher group only

2/3804 . . . . . (for elbows)
2002/3809 . . . . . (for radio-humeral joints)
2002/3813 . . . . . (for ulno-humeral joints)
2002/3818 . . . . . (for proximal radio-ulnar joints, i.e. PRU joints)
2002/3822 . . . . . [Humeral components]
2002/3827 . . . . . [Radial components]
2002/3831 . . . . . [Ulnar components]
2/3836 . . . . . (Special connection between upper and lower leg, e.g. constrained)
2/384 . . . . . (hinged, i.e. with transverse axle restricting the movement)
2/3845 . . . . . (allowing only for single rotation)
2/385 . . . . . (also provided with condylar bearing surfaces)
2/3854 . . . . . (with ball and socket joint)
2/3859 . . . . . [Femoral components]
2002/3863 . . . . . [Condyles fitted on an anchored base]
2/3868 . . . . . (with sliding tibial bearing)
2/3872 . . . . . [Meniscus for implantation between the natural bone surfaces]
2/3877 . . . . . [Patellae or trocleae]
2002/3881 . . . . . [with moving parts]
2/3886 . . . . . (for stabilising knees against anterior or lateral dislocations)
2/389 . . . . . (Tibial components (A61F 2/3868 takes precedence)
2002/3895 . . . . . [unicompartimental]

2/40 . . . . . for shoulders

NOTE

Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only

2/4003 . . . . . (Replacing only the epiphysal or metaphysal parts of the humerus, i.e. endoprosthesis not comprising an entire humeral shaft (replacing only the epiphysal or metaphysal parts of the femur A61F 2/3601))
2002/4007 . . . . . [implanted without ablation of the whole natural humeral head]
2002/4011 . . . . . [including proximal or total replacement of the humerus]
2/4014 . . . . . [Humeral heads or necks; Connections of endoprosthetic heads or necks to endoprosthetic humeral shafts]
2002/4018 . . . . . [Heads or epiphysal parts of humerus]
2002/4022 . . . . . [having a concave shape, e.g. hemispherical cups]
2002/4025 . . . . . [hollow]
2002/4029 . . . . . [Necks]
2002/4033 . . . . . [with an integral complete or partial peripheral collar at its base]
2002/4037 . . . . . [Connections of heads to necks]
2002/404 . . . . . [with a clearance between proximal end of neck and inner end of head]
2002/4044 . . . . . [Connections of necks to shafts]
2002/4048 . . . . . [with an inner clearance between both parts]
2002/4051 . . . . . [Connections of heads directly to shafts]
2002/4055 . . . . . [with an inner clearance between both parts]
2/4059 . . . . . [Humeral shafts]
2002/4062 . . . . . [Proximal or metaphysal parts of shafts]
2002/4066 . . . . . [for replacement or reinforcement of the greater tubercle]
2002/407 . . . . . [Intermediate parts of shafts]
2002/4074 . . . . . [Connections of proximal or metaphysal parts to distal or diaphysal parts]
2002/4077 . . . . . [Distal or diaphysal parts of shafts]
2/4081 . . . . . [Glenoid components, e.g. cups]
2002/4085 . . . . . [having a convex shape, e.g. hemispherical heads]
2002/4088 . . . . . [Acromial components]
2002/4092 . . . . . [Claviclar components]
2002/4096 . . . . . [Coracoid process components]
2/42 . . . . . for wrists or ankles; for hands, e.g. fingers; for feet, e.g. toes
2/4202 . . . . . [for ankles]
2002/4205 . . . . . [Tibial components]
2002/4207 . . . . . [Talar components]
2002/421 . . . . . [Fibular components, e.g. fibular-malleolar shields]
2002/4212 . . . . . [Tarsal bones]
2002/4215 . . . . . [Lateral row of tarsal bones]
2002/4217 . . . . . [Calcaneum or calcaneus or heel bone]
2002/422 . . . . . [Medial row of tarsal bones]
2002/4223 . . . . . [Implants for correcting a flat foot]
2/4225 . . . . . [for feet, e.g. toes]
2002/4228 . . . . . [for interphalangeal joints, i.e. IP joints]
2002/423 . . . . . [for big or great toes]
2002/4233 . . . . . [for metatarso-phalangeal joints, i.e. MTP joints]
2002/4235 . . . . . [for big or great toes]
2002/4238 . . . . . [for tarso-metatarsal joints, i.e. TMT joints]
2/4241 . . . . . [for hands, e.g. fingers]
2002/4243 . . . . . [for interphalangeal joints, i.e. IP joints]
2002/4246 . . . . . [for distal interphalangeal joints, i.e. DIP joints]
2002/4248 . . . . . [for proximal interphalangeal joints, i.e. PIP joints]
2002/4251 . . . . . [for metacarpo-phalangeal joints, i.e. MCP or MP joints, e.g. knuckle joints]
2002/4253 . . . . . [for thumbs]
2002/4256 . . . . . [for carpo-metacarpal joints, i.e. CMC joints]
2002/4258 . . . . . [for trapezo-metacarpal joints of thumbs]
2/4261 . . . . . [for wrists]
2002/4264 . . . . . [for radio-carpal joints]
2002/4266 . . . . . [for ulno-carpal joints]
2002/4269 . . . . . [for distal radio-ulnar joints, i.e. DRU joints]
2002/4271 . . . . . [Carpal bones]
2002/4274 . . . . . [Distal carpal row, i.e. bones adjacent the metacarpal bones]
2002/4276 . . . . . [Trapezium]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/4279 . . . . . . . . . . . . . . (Trapezoid)
2002/4282 . . . . . . . . . . . . . . (Capitate)
2002/4284 . . . . . . . . . . . . . . (Hamate)
2002/4287 . . . . . . . . . . . . . . (Proximal carpal row, i.e. bones adjacent the radius and the ulna)
2002/4289 . . . . . . . . . . . . . . (Scaphoid or navicular bone)
2002/4292 . . . . . . . . . . . . . . (Lunate)
2002/4294 . . . . . . . . . . . . . . (Triquetrum)
2002/4297 . . . . . . . . . . . . . . (Pisiform bone)

2/44 . . . . . . . . . . . . . . for the spine, e.g. vertebrae, spinal discs
2/4405 . . . . . . . . . . . . . . (for apophyseal or facet joints, i.e. between adjacent spinous or transverse processes (devices implanted between spinous or transverse processes A61B 17/7062))
2/441 . . . . . . . . . . . . . . (made of inflatable pockets or chambers filled with fluid, e.g. with hydrogel)
2002/4415 . . . . . . . . . . . . (elements of the prosthesis being arranged in a chain like manner)
2/442 . . . . . . . . . . . . . . (Intervertebral or spinal discs, e.g. resilient (non-disc-shaped intervertebral inflatable pockets A61F 2/444; non-disc-shaped intervertebral fusion implants A61F 2/445)
2/4425 . . . . . . . . . . . . . . (made of articulated components)
2002/443 . . . . . . . . . . . . . . (having two transversal endplates and at least one intermediate component)
2002/4435 . . . . . . . . . . . . . . (Support means or repair of the natural disc wall, i.e. annulus, e.g. using plates, membranes or meshes)
2002/444 . . . . . . . . . . . . . . (for replacing the nucleus pulposus)
2002/4445 . . . . . . . . . . . . . . (Means for culturing intervertebral disc tissue)
2002/445 . . . . . . . . . . . . . . (Intervertebral disc tissue harvest sites)
2/4455 . . . . . . . . . . . . . . (for the fusion of spinal bodies, e.g. intervertebral fusion of adjacent spinal bodies, e.g. fusion cages (intervertebral discs A61F 2/442)
2/446 . . . . . . . . . . . . . . (having a circular or elliptical cross-section substantially parallel to the axis of the spine, e.g. cylinders or frustocones)
2/4465 . . . . . . . . . . . . . . (having a circular or kidney shaped cross-section substantially perpendicular to the axis of the spine)
2/447 . . . . . . . . . . . . . . (substantially parallelepipedal, e.g. having a rectangular or trapezoidal cross-section)
2002/4475 . . . . . . . . . . . . . . [hollow]
2002/448 . . . . . . . . . . . . . . (comprising multiple adjacent spinal implants within the same intervertebral space or within the same vertebra, e.g. comprising two adjacent spinal implants)
2002/4485 . . . . . . . . . . . . . . (comprising three or more adjacent spinal implants)
2002/449 . . . . . . . . . . . . . . (comprising multiple spinal implants located in different intervertebral spaces or in different vertebrae)
2002/4495 . . . . . . . . . . . . . . (having a fabric structure, e.g. made from wires or fibres)
2/46 . . . . . . . . . . . . . . Special tools or methods for implanting or extracting artificial joints, accessories, bone grafts or substitutes, or particular adaptations thereof
2/4601 . . . . . . . . . . . . . . (for introducing bone substitute, for implanting bone graft implants or for compacting them in the bone cavity (for introducing bone cement A61B 17/8805))

2002/4602 . . . . . . . . . . . . . . (for compacting)
2/4603 . . . . . . . . . . . . . . (for insertion or extraction of endoprosthetic joints or of accessories thereof)
2/4605 . . . . . . . . . . . . . . (of elbows)
2/4606 . . . . . . . . . . . . . . (of wrists or ankles; of hands, e.g. fingers; of feet, e.g. toes)
2/4607 . . . . . . . . . . . . . . (of hip femoral endoprostheses)
2/4609 . . . . . . . . . . . . . . (of acetabular cups)
2/461 . . . . . . . . . . . . . . (of knees)
2/4611 . . . . . . . . . . . . . . (of spinal prostheses)
2/4612 . . . . . . . . . . . . . . (of shoulders)
2/4614 . . . . . . . . . . . . . . (of plugs for sealing a cement-receiving space)
2002/4615 . . . . . . . . . . . . . . (of spacers)
2002/4616 . . . . . . . . . . . . . . (of temporo-mandibular joints)
2/4618 . . . . . . . . . . . . . . (of cartilage)
2002/4619 . . . . . . . . . . . . . . (for extraction)
2002/462 . . . . . . . . . . . . . . (of broken endoprosthetic joint parts)
2002/4622 . . . . . . . . . . . . . . (having the shape of a forceps or a clamp)
2002/4623 . . . . . . . . . . . . . . (having a handle portion, e.g. integral with the implanting tool)
2002/4624 . . . . . . . . . . . . . . (releasable from the implanting tool)
2002/4625 . . . . . . . . . . . . . . (with relative movement between parts of the instrument during use)
2002/4627 . . . . . . . . . . . . . . (with linear motion along or rotating motion about the instrument axis or the implantation direction, e.g. telescopic, along a guiding rod, screwing inside the instrument)
2002/4628 . . . . . . . . . . . . . . (with linear motion along or rotating motion about an axis transverse to the instrument axis or to the implantation direction, e.g. clamping)
2002/4629 . . . . . . . . . . . . . . (connected to the endoprosthesis or implant via a threaded connection)
2002/4631 . . . . . . . . . . . . . . (the prosthesis being specially adapted for being cemented)
2002/4632 . . . . . . . . . . . . . . (using computer-controlled surgery, e.g. robotic surgery)
2002/4633 . . . . . . . . . . . . . . (for selection of endoprosthetic joints or for pre-operative planning)
2002/4635 . . . . . . . . . . . . . . (using minimally invasive surgery)
2002/4636 . . . . . . . . . . . . . . (through the hip femoral neck)
2/4637 . . . . . . . . . . . . . . (for connecting or disconnecting two parts of a prosthesis)
2002/4638 . . . . . . . . . . . . . . (Tools for performing screwing, e.g. nut or screwdrivers, or particular adaptations thereof)
2002/464 . . . . . . . . . . . . . . (of end caps for closing a prosthetic cavity)
2002/4641 . . . . . . . . . . . . . . (for disconnecting)
2002/4642 . . . . . . . . . . . . . . (for inserting or connecting a locking mechanism)
2/4644 . . . . . . . . . . . . . . (Preparation of bone graft, bone plugs or bone dowels, e.g. grinding or milling bone material (bone material A61F 2/28; disintegrating or milling devices B02C))
2002/4645 . . . . . . . . . . . . . . (Devices for grinding or milling bone material)
2002/4646 . . . . . . . . . . . . . . (Devices for cleaning bone graft)
2002/4648 . . . . . . . . . . . . . . (Means for culturing bone graft)
2002/4649 . . . . . . . . . . . . . . (Bone graft or bone dowel harvest sites)
2002/465 . . . . . . . . . . . . . . (using heating means)
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

A61F

2002/4651  . . . . . . [Electric or electromagnetic heating]
2002/4653  . . . . . . [using cooling means]
2002/4654  . . . . . . [Cryogenic cooling]
2002/4655  . . . . . . [for introducing lubricating fluid]
 2/4657  . . . . . . [Measuring instruments used for implanting artificial joints (for surgical instruments A61B 90/06)]
2002/4658  . . . . . . [for measuring dimensions, e.g. length]
2002/4659  . . . . . . [for measuring a diameter]
2002/4661  . . . . . . [for measuring thickness]
2002/4662  . . . . . . [for measuring penetration depth]
2002/4663  . . . . . . [for measuring volumes or other three-dimensional shapes]
2002/4664  . . . . . . [for measuring conicities]
2002/4666  . . . . . . [for measuring force, pressure or mechanical tension]
2002/4667  . . . . . . [for measuring torque]
2002/4668  . . . . . . [for measuring angles]
2002/467  . . . . . . [for measuring fluid pressure]
2002/4671  . . . . . . [for measuring resonant frequency]
2002/4672  . . . . . . [for measuring temperature]
2002/4674  . . . . . . [for measuring the pH]
 2/4675  . . . . . . [for cleaning or coating bones, e.g. bone cavities, prior to endoprosthesis implantation or bone cement introduction (for cleaning teeth cavities A61C 17/00; irrigators A61M 3/02)]
2002/4676  . . . . . . [for coating the bony surface]
2002/4677  . . . . . . [using a guide wire]
2002/4679  . . . . . . [having quick release means]
 2/468  . . . . . . [Testing instruments for artificial joints (for testing non-implantable prostheses A61F 2/76)]
2002/4681  . . . . . . [by applying mechanical shocks, e.g. by hammering]
2002/4683  . . . . . . [by applying ultrasonic vibrations]
 2/4684  . . . . . . [Trial or dummy prostheses]
2002/4685  . . . . . . [by means of vacuum]
2002/4687  . . . . . . [Mechanical guides for implantation instruments]
2002/4688  . . . . . . [having operating or control means]
2002/4689  . . . . . . [acoustic]
2002/469  . . . . . . [electrical]
2002/4692  . . . . . . [fluid]
2002/4693  . . . . . . [hydraulic]
2002/4694  . . . . . . [pneumatic]
2002/4696  . . . . . . [optical]
2002/4697  . . . . . . [visual]
2002/4698  . . . . . . [magnetic]
2002/48  . . . . . . [Operating or control means]
2002/481  . . . . . . [acoustic or audible]
2002/482  . . . . . . [electrical]

WARNING

Group A61F 2002/482 is incomplete pending reclassification of documents from group A61B 50/4888.
Groups A61B 50/4888 and A61F 2002/482 should be considered in order to perform a complete search.

2002/484  . . . . . . [fluid]
2002/485  . . . . . . [hydraulic]
2002/487  . . . . . . [pneumatic]
2002/488  . . . . . . [Means for detecting or monitoring wear]
 2/50  . . . . . . Prostheses not implantable in the body (closures means for urethra or rectum or for artificial body openings therefor A61F 2/0004)
2002/5001  . . . . . . [Cosmetic coverings]
2002/5003  . . . . . . [having damping means, e.g. shock absorbers (for implantable joints A61F 2002/30563)]
2002/5004  . . . . . . [operated by electro- or magnetorheological fluids]
2002/5006  . . . . . . [Dampers, e.g. hydraulic damper]
2002/5007  . . . . . . [having elastic means different from springs, e.g. including an elastomeric insert (elastomer coating A61F 2002/3007; springs A61F 2002/5072; plate-like springs for feet A61F 2002/6657)]
2002/5009  . . . . . . [having two or more elastomeric blocks]
2002/501  . . . . . . [having an inflatable pocket filled with fluid, i.e. liquid or gas (A61F 2/602, A61F 2002/74, A61F 2/7843 take precedence; for lubrication A61F 2002/5086)]
2002/5012  . . . . . . [having two or more inflatable pockets]
2002/5013  . . . . . . [filled with particles (for joints A61F 2002/30588)]
2002/5015  . . . . . . [hardenable fluid, e.g. curable in-situ or cold-hardening casting substance]
2002/5016  . . . . . . [adjustable (for implantable prostheses A61F 2002/30537)]
2002/5018  . . . . . . [for adjusting angular orientation]
2002/502  . . . . . . [for adjusting length (for implantable joints A61F 2002/3055)]
2002/5021  . . . . . . [for adjusting a position by translation along an axis]
2002/5023  . . . . . . [along two perpendicular axes]
2002/5024  . . . . . . [for adjusting thickness]
2002/5026  . . . . . . [for adjusting a diameter]
2002/5027  . . . . . . [for adjusting cross-section]
2002/5029  . . . . . . [for adjusting weight or mass]
2002/503  . . . . . . [for adjusting elasticity, flexibility, spring rate or mechanical tension]
2002/5032  . . . . . . [for adjusting fluid pressure (inflatable pockets A61F 2002/501, A61F 2/602, A61F 2/7843; fluid operating or control means A61F 2002/74)]
2002/5033  . . . . . . [for adjusting damping (damping means A61F 2002/5003)]
2002/5035  . . . . . . [for adjusting volume flow]
2002/5036  . . . . . . [self-adjustable, e.g. self-learning]
2002/5038  . . . . . . [Hinged joint, e.g. with transverse axle restricting the movement (for implantable joints A61F 2002/30624)]
2002/5039  . . . . . . [allowing only for single rotation]
2002/5041  . . . . . . [having bearing bushes between the rotating parts]
2002/5043  . . . . . . [with rotation-limiting stops, e.g. projections or recesses]
 2/5044  . . . . . . [Designing or manufacturing processes]
 2/5046  . . . . . . [for designing or making customized prostheses, e.g. using templates, finite-element analysis or CAD-CAM techniques]
2002/5047  . . . . . . [using mathematical models (A61F 2002/505 takes precedence)]
2002/5049  . . . . . . [Computer aided shaping, e.g. rapid prototyping]

CPC - 2019.08

17
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/505 . . . . [using CAD-CAM techniques or NC-techniques]
2002/5052 . . . . [Direct moulding or reforming to the stump]
2002/5053 . . . . [using a positive or a negative model, e.g. casting model or mould]
2002/5055 . . . . [Reinforcing prostheses by embedding particles or fibres during moulding or dipping, e.g. carbon fibre composites]
2002/5056 . . . . [Laminates, i.e. layered products]
2002/5058 . . . . [having means for restoring the perception of senses]
2002/5059 . . . . [the feeling of position]
2002/5061 . . . . [the sense of touch]
2002/5063 . . . . [the feeling of temperature, i.e. of warmth or cold]
2002/5064 . . . . [for reducing pain from phantom limbs]
2002/5066 . . . . [Muscles (implantable A61F 2002/0894)]
2002/5067 . . . . [having rolling elements between articulating surfaces (for implantable joints A61F 2002/30639)]
2002/5069 . . . . [Ball bearings]
2002/507 . . . . [Roller bearings]
2002/5073 . . . . [Helical springs, e.g. having at least one helical spring]
2002/5075 . . . . [Multiple spring systems including two or more helical springs]
2002/5076 . . . . [Concentric outer and inner helical springs]
2002/5078 . . . . [2-D spiral springs]
2002/5079 . . . . [Leaf springs (A61F 2002/6657 takes precedence)]
2002/5081 . . . . [Additional features (for implantable joints A61F 2002/30535)]
2002/5083 . . . . [modular]
2002/5084 . . . . [telescopic (adjusting length A61F 2002/502)]
2002/5086 . . . . [Lubricating means]
2002/5087 . . . . [Sound-damping or noise-reducing means]
2002/5089 . . . . [waterproof]
2002/509 . . . . [specially designed for children, e.g. having means for adjusting to their growth (implantable A61F 2250/0082)]
2002/5092 . . . . [Identification means (for implantable prostheses A61F 2250/0085)]
2002/5093 . . . . [Tendon- or ligament-replacing cables (implantable A61F 2/08)]
2002/5095 . . . . [for Achilles tendons]
2002/5096 . . . . [Ball-and-socket joints (for implantable joints A61F 2002/30649)]
2002/5098 . . . . [with rotation-limiting means]
2/52 . . . . [Mammary prostheses (brassieres A41C 3/00)]
2002/523 . . . . [Multiple breast forms made of several concentric breast-shaped layers nested into one another]
2002/526 . . . . [Nipples]
2/54 . . . . [Artificial arms or hands or parts thereof]
2002/543 . . . . [Lower arms or forearms]
2002/546 . . . . [Upper arms]
2/58 . . . . [Elbows; Wrist joints; Other joints; Hands]
2/581 . . . . [Shoulder joints]
2/582 . . . . [Elbow joints]
2/583 . . . . [Hands; Wrist joints]
2/585 . . . . [Wrist joints]
2/586 . . . . [Fingers]
2002/587 . . . . [Thumbs]
2/588 . . . . [Hands having holding devices shaped differently from human fingers, e.g. claws, hooks, tubes]
2/60 . . . . [Artificial legs or feet or parts thereof]
2/601 . . . . [Peg legs, e.g. wooden legs]
2/602 . . . . [with air cushions (A61F 2/7843 takes precedence)]
2/604 . . . . [Joints for artificial legs (A61F 2/605, A61F 2/64, A61F 2/6607 take precedence)]
2/605 . . . . [Hip joints]
2002/607 . . . . [Lower legs]
2002/608 . . . . [Upper legs]
2/64 . . . . [Knee joints]
2/642 . . . . [Polycentric joints, without longitudinal rotation]
2/644 . . . . [of the single-bar or multi-bar linkage type]
2/646 . . . . [of the pin-guiding groove linkage type]
2002/648 . . . . [Patella]
2/66 . . . . [Feet; Ankle joints]
2/6607 . . . . [Ankle joints]
2002/6614 . . . . [Feet]
2002/6621 . . . . [Toes]
2002/6628 . . . . [Big toes]
2002/6635 . . . . [Metatarsals]
2002/6642 . . . . [Heels]
2002/665 . . . . [Sole]
2002/6657 . . . . [having a plate-like or strip-like spring element, e.g. an energy-storing cantilever spring keel]
2002/6664 . . . . [Dual structures made of two connected cantilevered leaf springs]
2002/6671 . . . . [C-shaped]
2002/6678 . . . . [L-shaped]
2002/6685 . . . . [S-shaped]
2002/6692 . . . . [circular or loop-shaped]
2/68 . . . . [Operating or control means]

**WARNING**

Group A61F 2/68 is impacted by reclassification into group A61F 2/70.

Groups A61F 2/68 and A61F 2/70 should be considered in order to perform a complete search.

2002/6809 . . . . [acoustic]
2002/6818 . . . . [for braking]
2002/6827 . . . . [Feedback system for providing user sensation, e.g. by force, contact or position]
2002/6836 . . . . [Gears specially adapted therefor, e.g. reduction gears]
2002/6845 . . . . [Clutches]
2002/6854 . . . . [for locking or unlocking a joint]
2002/6863 . . . . [magnetic (magnetic prosthetic parts A61F 2002/3079)]
2002/6872 . . . . [attached and mechanically operated by remaining muscle (bioelectrical control A61F 2/72)]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/6881 . . . [optical]
2002/6889 . . . [Alarm means, e.g. acoustic]
2/70 . . . electrical

**WARNING**

Group A61F 2/70 is incomplete pending reclassification of documents from group A61F 2/68.

Groups A61F 2/70 and A61F 2/68 should be considered in order to perform a complete search.

2002/701 . . . [operated by electrically controlled means, e.g. solenoids or torque motors]
2002/702 . . . [Battery-charging stations]
2002/704 . . . [computer-controlled, e.g. robotic control]
2002/705 . . . [Electromagnetic data transfer (for implantable prostheses A61F 2250/0002)]
2002/707 . . . [electrically self charging]
2002/708 . . . Bioelectrical control, e.g. myoelectric

**WARNING**

Group A61F 2/72 is incomplete pending reclassification of documents from group A61B 5/04888.

Groups A61B 5/04888 and A61F 2/72 should be considered in order to perform a complete search.

2002/74 . . . [fluid, i.e. hydraulic or pneumatic (inflatable pocket filled with fluid A61F 2002/501)]
2002/741 . . . [using powered actuators, e.g. stepper motors or solenoids]
2002/742 . . . [Low pressure systems, e.g. vacuum pump]
2002/744 . . . [Vane- or curved-cylinder type actuators, e.g. actuators using rotary pistons]
2002/745 . . . [hydraulic]
2002/747 . . . [pneumatic]
2002/748 . . . [Valve systems]
2/76 . . . Means for assembling, fitting or testing prostheses, e.g. for measuring or balancing, {e.g. alignment means}
2002/7605 . . . [for assembling by heating (for implanting artificial joints A61F 2002/465)]
2002/761 . . . [for assembling by cooling (for implanting artificial joints A61F 2002/4653)]
2002/7615 . . . [Measuring means (for implanting artificial joints A61F 24657)]
2002/762 . . . [for measuring dimensions, e.g. a distance]
2002/7625 . . . [for measuring angular position]
2002/763 . . . [for measuring spatial position, e.g. global positioning system [GPS]]
2002/7635 . . . [for measuring force, pressure or mechanical tension]
2002/764 . . . [for measuring acceleration]
2002/7645 . . . [for measuring torque, e.g. hinge or turning moment, moment of force]
2002/765 . . . [for measuring time or frequency]
2002/7655 . . . [for measuring fluid pressure]
2002/766 . . . [for measuring moisture]
2002/7665 . . . [for measuring temperatures]
2002/767 . . . [for measuring blood pressure]
2002/7675 . . . [for measuring oxygen content]

2002/768 . . . [for measuring battery status]
2002/7685 . . . [located on natural or sound-site limbs, e.g. comparison measuring means]
2002/769 . . . [Displaying measured values]
2002/7695 . . . [Means for testing non-implantable prostheses (for testing implantable prostheses A61F 2240/008; for implanting artificial joints A61F 2468)]
2/78 . . . Means for protecting prostheses or for attaching them to the body, e.g. bandages, harnesses, straps, or stockings for the limb stump
2002/7806 . . . [using adhesive means (for connecting prosthetic parts A61F 2002/30448)]
2/7812 . . . [Interface cushioning members placed between the limb stump and the socket, e.g. bandages or stockings for the limb stump]
2002/7818 . . . [Stockings or socks for the limb stump (cosmetic coverings A61F 2002/5001)]
2002/7825 . . . [Devices for putting-on or pulling-off stockings]
2002/7831 . . . [with a rope for pulling the sock inside the socket]
2002/7837 . . . [Sleeves for attaching or protecting, i.e. open ended hoses]
2/7843 . . . [Inflatable bladders]
2002/785 . . . [Pads, e.g. relief pads]
2002/7856 . . . [having finger loops or grips]
2002/7862 . . . [Harnesses, straps (for connecting prosthetic parts A61F 2002/30464)]
2002/7868 . . . [Means for putting-on or pulling-off prostheses]
2002/7875 . . . [with releasable ratchets or pegs (snap connections A61F 2002/305; pushing a peg into a hole A61F 2002/308)]
2002/7881 . . . [using hook and loop-type fasteners (for connecting prosthetic parts A61F 2002/30467)]
2002/7887 . . . [for connecting limb exoprostheses to the stump bone]
2002/7893 . . . [using slide fasteners, e.g. zippers]
2/80 . . . [Sockets, e.g. of suction type]
2002/802 . . . [Suction sockets, i.e. utilizing differential air pressure to retain the prosthesis on the stump]
2002/805 . . . [having an air valve]
2002/807 . . . [having a vacuum reservoir chamber]
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 204; stent-grafts for blood vessels A61F 207; instruments specially adapted for placement or removal of stents or stent-grafts A61F 209; for closing wounds, or holding wounds closed A61B 1704 - A61B 17/115; dilators A61M 29/00)]
2002/821 . . . [Ostial stents]
2002/823 . . . [Stents, different from stent-grafts, adapted to cover an aneurysm]
2002/825 . . . [having longitudinal struts]
2002/826 . . . [more than one stent being applied sequentially]
2002/828 . . . [Means for connecting a plurality of stents allowing flexibility of the whole structure]
2/844 . . . [folded prior to deployment]
2/848 . . . [having means for fixation to the vessel wall, e.g. barbs]
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

2002/8483 . . . . . . . [Barbs]
2002/8486 . . . . . . . [provided on at least one of the ends]
2/852 . . . . . . . Two or more distinct overlapping stents
2/856 . . . . . . . Single tubular stent with a side portal passage
2/86 . . . . . . . Stents in a form characterised by the wire-like elements; Stents in the form characterised by a net-like or mesh-like structure
2/88 . . . . . . . the wire-like elements formed as helical or spiral coils (forming a net-like or mesh-like structure A61F 2/90)
2/885 . . . . . . . [comprising a coil including a plurality of spiral or helical sections with alternate directions around a central axis]
2/89 . . . . . . . the wire-like elements comprising two or more adjacent rings flexibly connected by separate members
2/90 . . . . . . . characterised by a net-like or mesh-like structure
2/91 . . . . . . . made from perforated sheet material or tubes, e.g. perforated by laser cuts or etched holes
2/915 . . . . . . . with bands having a meander structure, adjacent bands being connected to each other
2002/91508 . . . . . . . [the meander having a difference in amplitude along the band]
2002/91516 . . . . . . . [the meander having a change in frequency along the band]
2002/91525 . . . . . . . [within the whole structure different bands showing different meander characteristics, e.g. frequency or amplitude]
2002/91533 . . . . . . . [characterised by the phase between adjacent bands]
2002/91541 . . . . . . . [Adjacent bands are arranged out of phase]
2002/9155 . . . . . . . [Adjacent bands being connected to each other]
2002/91558 . . . . . . . [connected peak to peak]
2002/91566 . . . . . . . [connected trough to trough]
2002/91575 . . . . . . . [connected peak to trough]
2002/91583 . . . . . . . [by a bridge, whereby at least one of its ends is connected along the length of a strut between two consecutive apices within a band]
2002/91591 . . . . . . . [Locking connectors, e.g. using male-female connections]
2/92 . . . . . . . Stents in the form of a rolled-up sheet expanding after insertion into the vessel, e.g. with a spiral shape in cross-section
2/93 . . . . . . . circumferentially expandable by using ratcheting locks
2/94 . . . . . . . Stents retaining their form, i.e. not being deformable, after placement in the predetermined place
2/945 . . . . . . . hardenable, e.g. stents formed in situ
2/95 . . . . . . . Instruments specially adapted for placement or removal of stents or stent-grafts
2002/9505 . . . . . . . [having retaining means other than an outer sleeve, e.g. male-female connector between stent and instrument]
2002/9511 . . . . . . . [the retaining means being filaments or wires]
2002/9517 . . . . . . . [handle assemblies therefor]
2002/9522 . . . . . . . [Means for mounting a stent onto the placement instrument]
2002/9528 . . . . . . . [for retrieval of stents]
2002/9534 . . . . . . . [for repositioning of stents]
2/954 . . . . . . . for placing stents or stent-grafts in a bifurcation
2/958 . . . . . . . Inflatable balloons for placing stents or stent-grafts
2002/9583 . . . . . . . [Means for holding the stent on the balloon, e.g. using protrusions, adhesives or an outer sleeve]
2002/9586 . . . . . . . [the means being inside the balloon]
2/962 . . . . . . . having an outer sleeve
2/966 . . . . . . . with relative longitudinal movement between outer sleeve and prosthesis, e.g. using a push rod
2002/9665 . . . . . . . [with additional retaining means]
2/97 . . . . . . . the outer sleeve being splittable
3/00 Lengthening pieces for natural legs
4/00 Methods or devices enabling invalids to operate an apparatus or a device not forming part of the body (operating or control means for prostheses A61F 2/68; serving devices for one-handed persons A47G 21/08)

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; [Anti-rape devices] (bandages, dressings or absorbent pads A61F 13/00)
5/0003 . . . . . . . [Apparatus for the treatment of obesity; Anti-eating devices (surgical instruments or methods for treatment of obesity, devices specially adapted therefor A61B 17/00; hollow or tubular parts of organs A61F 2/04)]
5/0006 . . . . . . . [Diet or mouth appliances]
5/0009 . . . . . . . [External belts]
5/0013 . . . . . . . [Implantable devices or invasive measures]
2005/0016 . . . . . . . [comprising measuring means]
2005/002 . . . . . . . [for sensing mechanical parameters]
2005/0023 . . . . . . . [for sensing chemical parameters]
5/0026 . . . . . . . [Anti-eating devices using electrical stimulation]
5/003 . . . . . . . [inflatable]
5/0033 . . . . . . . [with more than one chamber]
5/0036 . . . . . . . [Intragastrical devices]
5/004 . . . . . . . [remotely adjustable]
5/0043 . . . . . . . [using injection ports]
5/0046 . . . . . . . [with wireless means]
5/005 . . . . . . . [Gastric bands]
5/0053 . . . . . . . [remotely adjustable]
5/0056 . . . . . . . [using injection ports]
5/0059 . . . . . . . [with wireless means]
5/0063 . . . . . . . [wrapping the stomach]
5/0066 . . . . . . . [Closing devices for gastric bands]
5/0069 . . . . . . . [in the wall of the stomach]
5/0073 . . . . . . . [in the abdominal cavity, e.g. not attached to the stomach]
5/0076 . . . . . . . [preventing normal digestion, e.g. Bariatric or gastric sleeves]
5/0079 . . . . . . . [Pyloric or esophageal obstructions]
{ Reducing the size of the stomach, e.g. gastroplasty (surgical interventions A61B 17/00) }

{ Instruments for placement or removal }

{ Rectal devices, e.g. for the treatment of haemorrhoids }

{ Anti-rape devices }

Orthopaedic devices, e.g. splints, casts or braces

{ specially adapted for correcting deformities of the limbs or for supporting them; Ortheses, e.g. with articulations }

[without articulation]

{ for the knees (A61F 5/0106 takes precedence) }

{ the device articulating around a single pivot-point }

{ for the feet (A61F 5/0111 takes precedence) }

{ for the arms, hands or fingers (A61F 5/0118 takes precedence) }

{ for the arms, hands or fingers (A61F 5/0193 takes precedence) }

{ inflatable }

{ for the knees (A61F 5/0106 takes precedence) }

{ the device articulating around a single pivot-point }

{ for the feet (A61F 5/0111 takes precedence) }

{ for the arms, hands or fingers (A61F 5/0118 takes precedence) }

{ Additional features of the articulation }

{ with two orthogonal pivots }

{ with two parallel pivots }

{ geared }

{ with more than two parallel pivots }

{ Multibar }

{ combining rotational and sliding movements, e.g. simulating movements of a natural joint }

{ Floating pivotal axis }

{ combining rotational and torsional movements }

{ combining rotational and stretching movements }

{ with actuating means }

{ with locking means }

{ in standing position }

{ with limits of movement }

{ adjustable }

{ with damping means }

{ with cushions }

{ laterally placed }

{ supporting the patella }

{ with spring means }

{ Protectors for articulations }

{ Hip protectors, e.g. for elderly people }

{ Thumb protectors }

{ having pressure sensors }

{ Toe correcting or spreading devices }

{ Apparatus specially adapted for treating hip dislocation; Abduction splints }

{ Shoe-like orthopaedic devices for protecting the feet against injuries after operations }

A61F

[5/0197] . . . [with spring means]

Ortopedic corsets (arm rests for use as writing aids B43L 15/00)

{ consisting of one or more shells }

{ having pressure pads connected in a frame for reduction or correction of the curvature of the spine }

{ Back straightening devices with shoulder braces to force back the shoulder to obtain a correct curvature of the spine (for clavicle fractures A61F 5/05808; restraining devices A61F 5/372) }

{ Braces for providing support to the lower back, e.g. lumbo sacral supports }

{ Corsets or bandages for abdomen, teat or breast support, with or without pads (trusses A61F 5/24, pressure-pads A61F 5/30); brassieres A41C 3/00) }

NOTE

Bandages for support of breasts or abdomen are classified in group A61F 13/14

Devices for stretching or reducing fractured limbs; Devices for distractions; Splints (plaster of Paris bandages A61F 13/04; with surgery A61B 17/60) 

for extension or stretching

Traction splints

for immobilising (A61F 5/0102 takes precedence)

Cervical collars

Splints

{ for clavicle fractures }

{ Inflatable splints }

{ Strips of substantially planar form }

{ Splints rigidified by vacuum evacuation }

{ for the limbs (A61F 5/05816, A61F 5/05833 take precedence) }

{ for the legs (toe correcting devices A61F 5/019) }

{ for the arms (restraining devices, e.g. slings A61F 5/57) }

{ for wrists, hands, fingers or thumbs }

{ for fingers }

{ for the neck or head (A61F 5/05816, A61F 5/05833 take precedence; cervical supports A61F 5/055) }

{ for the head, e.g. jaws, nose (nose correcting A61F 5/08) }

{ Devices for correcting deformities of the nose ( Devices for enlarging the nostril, e.g. for breathing improvement ) }

{ Devices for correcting deformities of the fingers }

{ Devices for correcting deformities of the nails }

{ Special medical insertions for shoes for flat-feet, club-feet, or the like }

(ordinary arch supports A43B 7/14)

Trusses

with belt springs

Supports for trusses

Pressure-pads (corn-pads, corn-rings A61F 13/06; tourniquets A61B 17/12)

Adjustable pressure pads
A61F

5/34 . Pressure pads filled with air or liquid (valves specially adapted for medical use A61M 39/00; connection of valves to inflatable elastic bodies B60C 29/00; {valves per se F16K})

5/37 . Restraining devices for the body or for body parts (.e.g. slings); Restraining shifts (hoods, belts, zaparrejos E05B 75/00)

5/3707 . (for the head (cervical supports A61F 5/055; splints A61F 5/058/3))

5/3715 . (for attaching the limbs to other parts of the body)

5/3723 . (for the arms)

5/3733 . (for restricting the movement of the arm at the elbow)

5/3738 . (Slings)

5/3746 . (Jacket-like sling)

5/3753 . (Abduction support)

5/3761 . (for attaching the limbs to other objects (A61F 5/3769 takes precedence))

5/3769 . (for attaching the body to beds, wheel-chairs or the like)

5/3776 . (by means of a blanket or belts (to chairs only A61F 5/3792))

5/3784 . (directly connected to the trunk, e.g. with jacket)

5/3792 . (to chairs, e.g. wheelchairs (A61F 5/3784 takes precedence))

5/40 . Suspensory bandages

5/41 . Devices for promoting peniss erection (penis implants A61F 2/26; massage of the genitals A61H 19/00)

2005/411 . (Penile supports)

2005/412 . (by vacuum means)

2005/414 . (by constricting means)

2005/415 . (by inflatable means)

2005/417 . (by vibrating means)

2005/418 . (by electrical stimulation)

5/44 . Devices worn by the patient for reception of urine, faeces, catamenial or other discharge; { Portable urination aids (absorbent pads, e.g. sanitary towels, A61F 13/15; drainage appliances for wounds A61M 2700; {emptying devices for urine bags B65B 69/0016}); Colostomy devices (adhesives for colostomy devices A61L 24/00; materials for colostomy devices A61L 28/00)
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; massage, therapeutic baths A61H; hyperthermia using electric or magnetic fields or ultrasound A61N; electric heating elements H05B)

2007/0001 . . . [Body part]
2007/0002 . . . [Head or parts thereof]
2007/0003 . . . [Face]
2007/0004 . . . [Eyes or part of the face surrounding the eyes]
2007/0005 . . . [Ears]
2007/0006 . . . [Nose]
2007/0007 . . . [Forehead, e.g. headbands]
2007/0008 . . . [Scalp]
2007/0009 . . . [Throat or neck]
2007/001 . . . [Throat only]
2007/0011 . . . [Neck only]
2007/0012 . . . [with means for support of the head]
2007/0013 . . . [Jaw]
2007/0014 . . . [Chin]
2007/0015 . . . [Cheeks]
2007/0017 . . . [Mouth]
2007/0018 . . . [Trunk or parts thereof]
2007/0019 . . . [Breast]
2007/002 . . . [Heart]
2007/0021 . . . [Female breast]
2007/0022 . . . [Abdomen]
2007/0023 . . . [Waist]
2007/0024 . . . [Back]
2007/0025 . . . [Higher part of back]
2007/0026 . . . [Middle part of back]
2007/0027 . . . [Lower part of back]
2007/0028 . . . [Rectum]
2007/0029 . . . [Arm or parts thereof]
2007/003 . . . [Shoulder]
2007/0031 . . . [Upper arm]
2007/0032 . . . [Elbow]
2007/0034 . . . [Lower arm]
2007/0035 . . . [Wrist]
Devices for heating or cooling internal body cavities

Cooling bags, e.g. ice-bags

Preventing negative effects of chemotherapy

Fat cell removal or destruction by non-surgical methods

Local anaesthetic effect

Removable covers or sleeves (pockets connected to the body or parts thereof)

Using latent heat produced or absorbed during phase change of materials, e.g. of super-cooled solutions

Thermophore, i.e. self-heating, e.g. using a chemical reaction

[Blankets with active heating or cooling sources (warming mats A61F 7/078)]

Cataplasms, poultices or compresses, characterised by their contents; Bags therefor

[containing clay, mud, fango, sand, kaolin clay, volcanic or other inorganic granular solids]

[containing organic solids or fibres]

[Plants, dried plants, seeds or fruits]

[Synthetics, e.g. plastics]

[Granulars]

[Foams]

[Polymers, e.g. water absorbing]

[containing liquids other than water]

[Oils]

[Gels]

[Bags therefor]

[made of synthetics, e.g. plastics]

[made of textiles]

[connected to the body or a part thereof]

[adhesive, self-sticking]

[with belt or strap, e.g. with buckle]

[with pockets for receiving packs or pouches]

[hook and loop-type fastener]

[connected to or incorporated in clothing or garments (A61F 2007/023 takes precedence)]

[for the upper part of the trunk, e.g. bodice]

[for the lower part of the trunk, e.g. panty]

[in a pocket (A61F 2007/023 takes precedence)]

[using vacuum]

[Apparatus for the preparation of hot packs, hot compresses, cooling pads, e.g. heaters or refrigerators]

[heated by microwaves]

[with layers]

[with a layer having high heat transfer capability]

[Using a substance with high conductivity]

[with a layer having low heat transfer capability]

[retaining air or other gas]

[in closed compartments]

[using a substance with low conductivity (A61F 2007/023 takes precedence)]

[with a reflective layer]

[with a fluid impermeable layer]

[with a fluid permeable layer]

[with a fluid absorbing layer]

[medicated]

[made of a substance with therapeutic action, e.g. copper or silver]

[antiallergic]

[without external heat source, i.e. using one's own body heat (A61F 2007/0061 takes precedence)]

[having a plurality of compartments being filled with a heat carrier (heat packs stored in pockets A61F 2007/023, A61F 2007/0238)]

[with separable compartments, e.g. reconnectable]

[Permanently separable compartments, e.g. with rupturable portions]

[with openings in the walls between the compartments serving as passageways for the filler (flowing in circuits A61F 2007/0054, A61F 2007/0059)]

[the walls being reduced to spot connections, e.g. spot welds]

[with separate compartments connectable by rupturing a wall or membrane]

[Other details of hot water bottles, heat packs or cold packs]

[Removable covers or sleeves (pockets connected to the body or parts thereof A61F 2007/023, A61F 2007/0238)]

[Devices for wringing]

[for particular medical treatments or effects]

[Treatment of stings or bites]

[Local anaesthetic effect]

[Preventing negative effects of chemotherapy]

[during operations]

[Fat cell removal or destruction by non-ablative heat treatment]

[using latent heat produced or absorbed during phase change of materials, e.g. of super-cooled solutions]

[Triggers, activators or catalysts therefor]

[for heating or cooling or use at more than one temperature]

[Intervals of heating alternated with intervals of cooling]

[with a section for heating and a section for cooling]

7/03 thermophore, i.e. self-heating, e.g. using a chemical reaction

7/032 [using oxygen from the air, e.g. pocket-stoves]

7/034 [Flameless]

2007/036 [Fuels]

2007/038 [Carbon or charcoal, e.g. active]

7/08 Warming pads, pans or mats (A61F 7/02 takes precedence); Hot-water bottles

[with an outlets tube, e.g. for enema or irrigation]

[With Closures; Filling openings]

7/10 Cooling bags, e.g. ice-bags

[for cooling organs in the body before or during surgery]

[refillable]

[Closures specially adapted for icebags or packs]

[Self-cooling, e.g. using a chemical reaction]

[Cold packs, i.e. devices to be cooled or frozen in refrigerator or freezing compartment]

[Devices for heating or cooling internal body cavities]

[using a flexible balloon containing the thermal element]

[for invasive application, e.g. for introducing into blood vessels]
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; [retractors A61B 17/02; manipulators specially adapted for use in surgery A61B 34/70]; appliances to aid invalids to move about A61H 3/00; [exercisers for the eyes A61H 5/00]; eye baths A61H 35/02; sunglasses or goggles having the same features as spectacles G02C)

[Introducing ophthalmic products into the ocular cavity or retaining products therein (putting in contact lenses A61F 9/0061; introducing or retaining media in cavities of the body in general A61M 31/00)]

[Devices for immobalising a patient's head with respect to the instrument]

[by supporting the instrument on the patient's head, e.g. head bands]

[the instrument being supported on the patient's eye]

[Devices for putting-in contact lenses]

Methods or devices for eye surgery

[Instruments for removing foreign bodies (for removal of intra-ocular material A61F 9/00736)]

[Restoration of lid function]

[Apparatus for retinal reattachment]

[Instruments for removal of intra-ocular material or intra-ocular injection, e.g. cataract instruments (A61F 9/008 takes precedence)]

[using mechanical vibrations, e.g. ultrasonic]

[for cutting or perforating the anterior lens capsule, e.g. capsulotomes]

[with rotating or reciprocating cutting elements, e.g. concentric cutting needles (atherectomy cutting instruments A61B 17/3207; endoscopic cutting instruments A61B 17/320016)]

[Apparatus for restoration of tear ducts]

[Apparatus for modifying intraocular pressure, e.g. for glaucoma treatment (drainage implants in general A61M 27/002)]

[using non-laser electromagnetic radiation, e.g. non-coherent light or microwaves]

[using laser]

[for photoablation]

[Refractive treatments]

[Correction of higher orders]

[Inducing higher orders, e.g. for correction of presbyopia]

[Transplantation]

[Inlays; Onlays; Intraocular lenses [IOL]]

[Laser features or special beam parameters therefor]

[Beam shaping with masks]

[with photoablatable masks]

[for coagulation]

[Laser features or special beam parameters therefor]

[for photodisruption]

[Refractive correction, e.g. lenticle]

[Correction of higher orders]

[Transplantation]

[Inlays; Onlays; Intraocular lenses [IOL]]

[Flap cutting]

[Correction of presbyopia]

[Laser features or special beam parameters therefor]

[Permanent Structural Change [PSC] in index of refraction; Limit between ablation and plasma ignition]

[Feedback systems]

[Eyetracking]

[based on wavefront]

[Optical coherence topography [OCT]]

[Laser thermal keratoplasty or radial keratotomy]

[Calibration of the laser system]

[considering biodynamics]

[considering nomograms]

[adapted for treatment at a particular location]

[Retina]

[Sclera]

[Ciliary muscles or trabecular meshwork]

[Lens]

[Cornea]

[Vitreous]

[Iris]

[Planning]

[based on wavefront]

[based on topography]

[for treating a particular disease]

[Cataract]

[Capsulotomy]

[Glucoma]

[Keratoconus]

[Presbyopia]

[Scanning mechanisms or algorithms]

[Auxiliary devices making contact with the eyeball and coupling in laser light, e.g. goniolenses (apparatus for eye examination A61B 3/0008)]

[Instruments] for compensation of ocular refraction (A61F 9/008 takes precedence); Instruments for use in cornea removal, for reshaping or performing incisions in the cornea

[Knives or scalpels specially adapted therefor]

[Mechanical markers]

[Breathing masks A62B 18/00; swimming goggles A63B 33/002; diving masks B63C 11/12]

[Goggles with prescription spectacle lenses]

[Use of special optical filters, e.g. multiple layers, filters for protection against laser light or light from nuclear explosions, screens with different filter properties on different parts of the screen; Rotating slit-discs (optical filters per se G02B 5/20)]
Treatment or protection of the eyes or ears; Substitution by other senses

9/023 . . . [with variable transmission, e.g. photochromic (for welding A61F 9/062)]
9/024 . . . [Rotating discs with slits, e.g. stroboscopes]
9/025 . . . [Special attachment of screens, e.g. hinged, removable; Roll-up protective layers]
9/026 . . . [Paddings; Cushions; Fittings to the face]
9/027 . . . [Straps; Buckles; Attachment of headbands]
9/028 . . . [Ventilation means]
9/029 . . . [Additional functions or features, e.g. protection for other parts of the face such as ears, nose or mouth; Screen wipers or cleaning devices]

9/04 . Eye-masks { Devices to be worn on the face, not intended for looking through: Eye-pads for sunbathing (eye-bandages A61F 13/12; protective face-masks A41D 13/11; protectors for shampooing A45D)}
9/045 . . . [Eye-shades or visors; Shields beside, between or below the eyes (caps with means for protecting the eyes A42B 1/06)]
9/06 . . . Masks, shields or hoods for welders (safety devices for welding in general F16P 1/00)
9/061 . . . [with movable shutters, e.g. filter discs; Actuating means therefor]
9/062 . . . . [with movable polarising filter discs]
9/064 . . . [with two windows, one for viewing and one for use during the welding process]
9/065 . . . . [use of particular optical filters (A61F 9/022, A61F 9/062 take precedence)]
9/067 . . . . . [with variable transmission]
9/068 . . . . . [with supply or suction of gas, air or smoke inside or outside the welding hood]
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 eyes, e.g. surgical; Protective devices for the ears, carried on the body or in the hand; [Non-electric hearing aids]
11/002 . . . [Surgical middle ear ventilation or drainage, e.g. permanent; Implants therefor (drainage implants in general A61M 27/002)]
11/004 . . . [Ear surgery (A61F 11/02 takes precedence)]
11/006 . . . [Ear cleaners, e.g. curettes (cotton tips A61F 13/38; cleaning by suction A61M 1/0023; by irrigation A61M 3/02)]
11/008 . . . [Non-electric hearing aids, e.g. ear trumpets, sound amplifiers, ear-shells (non-electric sound-amplifying devices in general G10K 11/08; sound-focusing or directing using reflection in general G10K 11/28)]
11/04 . Devices or methods enabling ear patients to replace direct auditory perception by another kind of perception ([electronic stimulation of auditory nerves A61N 1/36036])
11/045 . . . (using mechanical stimulation of nerves (acting directly on the ear H04R 25/00))
11/06 . . . Protective devices for the ears
11/08 . . . internal, e.g. earplugs
2011/085 . . . [including an inner channel]
11/10 . . . inflatable or expandable
11/12 . . . External mounting means
11/14 . . . external, e.g. earcaps or earmuffs (headwear, e.g. caps or helmets, with means for protecting the ears A42B 1/06; A42B 3/16; for hairdresser's rooms A45D 44/12; for sports A63B 71/10; headphones H04R 1/10)]

NOTE
[Group A61F 11/14 contains only acoustic protection (other external protectors, see A61F 11/06)]

2011/145 . . . [electric, e.g. for active noise reduction]

Bandages, dressings or absorbent pads; First-aid kits

13/00 Bandages or dressings (suspensory bandages A61F 5/40; contact-avoiding wound protectors A61F 15/008; bandages or dressings with incorporated medicaments A61L 15/44, A61M 35/006; radioactive dressings A61N 5/1029));
Absorbent pads (chemical aspects of, or use of materials for, bandages, dressings or absorbent pads A61L 15/00; [absorbent pads for tracheostomy A61M 16/047])
13/00004 . . [Non-adhesive dressings]
13/00008 . . [characterized by the material]
13/00012 . . . [being made of natural material, e.g. cellulose-, protein-, collagen-based]
13/00017 . . . [synthetic, e.g. polymer based]
13/00021 . . [characterized by the structure of the dressing]
13/00025 . . . [made of a single layer]
13/00029 . . . [made of multiple layers]
13/00034 . . . [characterized by a property]
13/00038 . . . [Flexibility, stretchability or elasticity]
13/00042 . . . [Absorbency]
13/00046 . . . [Air-vapor permeability]
13/00051 . . [Accessories for dressings]
13/00055 . . [Saturation indicators]
13/00059 . . . [provided with visual effects, e.g. printed or colored]
13/00063 . . . [comprising medicaments or additives, e.g. odor control, PH control, debriding, antimicrobial (drug delivery dressings A61K 9/70; chemical aspect of the additives A61L 15/00)]
13/00068 . . . [specially adapted for application or removal of fluid, e.g. irrigation or drainage of wounds, under-pressure wound-therapy (A61F 13/0216 takes precedence; drainage appliances for wounds in general A61M 27/00)]
13/00072 . . . [Packaging of dressings]
13/00076 . . [Packaging of adhesive dressings]
13/0008 . . . . [having means for facilitating the removal of the packaging and release liner]
13/00085 . . . [having means for facilitating the application on the skin, e.g. single hand handling facilities (A61F 13/0259 takes precedence; bandage applicators separate from the bandage or the packaging A61F 15/005)]
2013/00089 . . [Wound bandages (A61F 2013/00361 takes precedence);]
2013/00093 . . [tubular]
2013/00097 . . . [net structure]
2013/00102 . . [oblong]
2013/00106 . . [emergency bandages, e.g. for first aid]
2013/00111 . . [spray]
Bandages, dressings or absorbent pads; First-aid kits

2013/00114 ... [with check valve, e.g. for traumatic pneumothorax]
2013/00119 ... [elastic]
2013/00123 ... [with elastic indicator]
2013/00127 ... [fixation means]
2013/00131 ... [elasticity distribution]
2013/00136 ... [anisotropy]
2013/0014 ... [non-linearity]
2013/00144 ... [transversal distribution]
2013/00148 ... [longitudinal distribution]
2013/00153 ... [coloured or with decoration pattern or printing]
2013/00157 ... [for burns or skin transplants (A61F 2013/00187 takes precedence; not adhering to the wound A61F 2013/00217)]
2013/00161 ... [with wax, e.g. petroleum or bees- (; treated with lubricants A61F 2013/00331)]
2013/00165 ... [not touching the wound]
2013/0017 ... [possibility of applying fluid]
2013/00174 ... [possibility of applying pressure]
2013/00178 ... [hand-held CO₂ cylinder, e.g. sparklet]
2013/00182 ... [with transparent part]
2013/00187 ... [insulating; warmth or cold applying]
2013/00191 ... [cooled by evaporation]
2013/00195 ... [electric warmer]
2013/002 ... [with temperature control]
2013/00204 ... [insulating]
2013/00208 ... [by a high viscosity, low conductivity liquid]
2013/00212 ... [infra-red absorbing or reflecting]
2013/00217 ... [not adhering to the wound (with wax A61F 2013/00161)]
2013/00221 ... [biodegradable, non-irritating]
2013/00225 ... [with non-degradable reinforcing layer, net or mesh (absorbent core with a reinforcing structure, e.g. net A61F 2013/53463)]
2013/00229 ... [with alginate]
2013/00234 ... [metallic layer]
2013/00238 ... [characterised by way of knitting or weaving]
2013/00242 ... [to avoiding fraying or pilling (lint-free, i.e. non-linging or fying A61F 2013/00348)]
2013/00246 ... [in a special way pervious to air or vapours]
2013/00251 ... [with macroscopic openings]
2013/00255 ... [with pores]
2013/00259 ... [thin film]
2013/00263 ... [vapour permeability >500 g/m2/24h]
2013/00268 ... [impervious, i.e. occlusive bandage]
2013/00272 ... [protection of the body or articulation (safety barrier for protection of the operator A61F 2013/00297; protecting the body against ulcers A61F 2013/15024; protection in contaminated, e.g. NBC or industrial toxic ambience A61F 2013/15065)]
2013/00276 ... [for itching skin]
2013/0028 ... [applying of mechanical pressure; passive massage]
2013/00285 ... [medication confinement]
2013/00289 ... [easy removing of the protection sheet]
2013/00293 ... [anallergic or hypoallergic material]

2013/00297 ... [safety barrier for protection of the operator (protection of the body or articulation A61F 2013/00272; protecting the body against ulcers A61F 2013/15024; protection in contaminated, e.g. NBC or industrial toxic ambience A61F 2013/15065; prophylaxis A61F 2013/15081)]
2013/00302 ... [devices for handling dressings]
2013/00306 ... [dressing for protection of the operator during surgical procedure]
2013/0031 ... [for handling common life objects, e.g. telephone (prophylaxis A61F 2013/15081)]
2013/00314 ... [with surface treatments]
2013/00319 ... [to make surface hydrophobic]
2013/00323 ... [to make surface hydraulpic]
2013/00327 ... [to create projections or depressions in surface]
2013/00331 ... [lubricants (with wax, e.g. petroleum or bees- A61F 2013/00161; not adhering to the wound A61F 2013/00217; lubricant top layers A61F 2013/51073)]
2013/00336 ... [polymeric resins]
2013/00334 ... [with triloelectric materials]
2013/00344 ... [for increasing oxygen partial pressure]
2013/00348 ... [lint-free, i.e. non-linging or fying (A61F 2013/00242 takes precedence)]
2013/00353 ... [for red nails, in-grown nails or felons (inflamed digits )]
2013/00357 ... [implanted wound fillings or covers (membranes for covering bone defects A61F 2/2846)]
2013/00361 ... [Plasters]
2013/00365 ... [use]
2013/0037 ... [for cosmesis]
2013/00374 ... [against wrinkles, e.g. face lift]
2013/00378 ... [coloured as the skin (coloured black or yellow, or with pattern or printing A61F 2013/00153)]
2013/00382 ... [reconstructing the body shape (prosthetic device A61F 2013/00754)]
2013/00387 ... [skin protection (protection of the body or articulation A61F 2013/00272; safety barrier for protection of the operator A61F 2013/00297; for protection of suture stitches A61F 2013/00455; protection of wound surround A61F 2013/00825)]
2013/00391 ... [from irradiation, e.g. sun]
2013/00395 ... [from skin abrasion]
2013/0004 ... [from liquid water]
2013/00404 ... [against blisters or bed sores]
2013/00408 ... [shield for protection against hypodermic needles]
2013/00412 ... [for use with needles, tubes or catheters]
2013/00417 ... [pierced by needle]
2013/00421 ... [with double adhesive layer (with cyano-acrylic adhesive A61F 2013/00459; with adhesive connecting means A61F 2013/00361; adhesives for plasters A61F 2013/00653; with absorbent adhesives A61F 2013/00757; with permeable adhesive layers A61F 2013/000761; different adhesion of different adhesive layers A61F 2013/00804; changing the adhesion force with strain value A61F 2013/00838)]
Bandages, dressings or absorbent pads; First-aid kits

A61F

2013/00425 . . . . [for removing of external skin layer, e.g. prepping]
2013/00429 . . . . [for conducting tests]
2013/00434 . . . . [Epicutaneous test]
2013/00438 . . . . [blood tests]
2013/00442 . . . . [using electrodes]
2013/00446 . . . . [for oriental medicine]
2013/00451 . . . . [for surgical sutures, e.g. butterfly type]
2013/00455 . . . . [for protection of suture stitches
(protection of the body or articulation A61F 2013/00272; safety barrier for protection of the operator A61F 2013/00297; skin protection A61F 2013/00387; protection of wound surround A61F 2013/00825)]
2013/00459 . . . . [with cyano-acrylic adhesive (adhesives for mucosae A61F 2013/00714 or for use on wounds A61F 2013/00719)]
2013/00463 . . . . [haemostatic]
2013/00468 . . . . [applying local pressure]
2013/00472 . . . . [with chemical means]
2013/00476 . . . . [for nose]
2013/0048 . . . . . . . . . . (for toes (for red nails, in-grown nails or felon A61F 2013/00353))
2013/00485 . . . . [treating of athlete’s foot]
2013/00489 . . . . [for bracing or strapping]
2013/00493 . . . . [torso]
2013/00497 . . . . [eye patch]
2013/00502 . . . . [for eyelids]
2013/00506 . . . . [for treating warts]
2013/0051 . . . . [for treating insect bite]
2013/00514 . . . . [ticks]
2013/00519 . . . . [for treating burn (bandages for burns or skin transplants A61F 2013/00157)]
2013/00523 . . . . [with hydrogel (wound bandages with alginate A61F 2013/00229; adhesive for plasters; with hydrogel A61F 2013/00676; water-based A61F 2013/00689; for use on mucosae A61F 2013/00714; for use on wounds A61F 2013/00719; wound humidity control with hydrocolloids or superabsorbents A61F 2013/00748; with absorbent adhesives A61F 2013/00757; with fumed silica A61F 2013/00787; with viscoelastic oil-elastomer gel A61F 2013/00893)]
2013/00527 . . . . [artificial skin]
2013/00531 . . . . [for exfoliation (enzymes therefor A61F 2013/00927)]
2013/00536 . . . . [for draining or irrigating wounds]
2013/0054 . . . . [for deep wounds]
2013/00544 . . . . [form or structure]
2013/00548 . . . . [net (wound bandages with net structure A61F 2013/00997)]
2013/00553 . . . . [with detachable parts]
2013/00557 . . . . [detachable absorbent pad]
2013/00561 . . . . [with adhesive connecting means
(plasters with a double adhesive layer A61F 2013/00421; with cyano-acrylic adhesive A61F 2013/00459; adhesives for plasters A61F 2013/00655; with absorbent adhesives A61F 2013/00757; with permeable adhesive layers A61F 2013/00761; different adhesion of different adhesive layers A61F 2013/00804; changing the adhesion force with strain value A61F 2013/00838);
with hook and loop-type fastener connecting means]
2013/00565 . . . . [with openable cover]
2013/00557 . . . . [shaped as a body part (A61F 2013/00187 take precedence; use of plasters A61F 2013/00365; containing means for different purposes A61F 2013/00902)]
2013/00577 . . . . [deactivating]
2013/00582 . . . . [Properties of backing]
2013/00587 . . . . [Thickness]
2013/00591 . . . . [breaking stress or force]
2013/00595 . . . . [breaking strain or extension]
2013/0060 . . . . . . . . . . [Elastic modulus]
2013/00604 . . . . . . . . . . [Multi-layer]
2013/00608 . . . . . . . . . . [with reinforcing layers]
2013/00612 . . . . . . . . . . [with different thickness]
2013/00617 . . . . . . . . . . [with different hardness]
2013/00621 . . . . . . . . . . [cast]
2013/00625 . . . . . . . . . . [in situ]
2013/00629 . . . . . . . . . . [on a model]
2013/00634 . . . . . . . . . . [foam]
2013/00638 . . . . . . . . . . [Gel]
2013/00642 . . . . . . . . . . [soluble, e.g. in water]
2013/00646 . . . . . . . . . . [Medication patches, e.g. transcutaneous]
2013/00651 . . . . . . . . . . [tapered, bevelled or chamfered]
2013/00655 . . . . [adhesive (wound bandages with alginate A61F 2013/00229; plasters with a double adhesive layer A61F 2013/00421; with cyano-acrylic adhesive A61F 2013/00459; plasters for treating burn with hydrogel A61F 2013/00523; with adhesive connecting means A61F 2013/00561; adhesive for plasters, with hydrogel A61F 2013/00676; for use on mucosae A61F 2013/00714; for use on wounds A61F 2013/00719; wound humidity control with hydrocolloids or superabsorbents A61F 2013/00748; with absorbent adhesives A61F 2013/00757; with fumed silica A61F 2013/00787; with viscoelastic oil-elastomer gel A61F 2013/00893; with permeable adhesive layers A61F 2013/00761; different adhesion of different adhesive layers A61F 2013/00804; changing the adhesion force with strain value A61F 2013/00838)]
2013/00659 . . . . [polymetric base]
2013/00663 . . . . . . . . . . [acryl]
2013/00668 . . . . . . . . . . [Ether]
2013/00672 . . . . . . . . . . [cyano-acryl]
2013/00676 . . . . . . . . . . [hydrogel]
2013/0068 . . . . . . . . . . [cross-linked by radiation means; e.g. electron beam]
2013/00685 . . . . . . . . . . [soluble in liquid, e.g. of particular pH]
2013/00689 . . . . . . . . . . [water-based]
2013/00693 . . . . . . . . . . [oil-based]
2013/00697 . . . . . . . . . . [elastomer-, e.g. rubber- based]
2013/00702 . . . . . . . . . . [silicon-based]
2013/00706 . . . . . . . . . . [basis weight]
2013/0071 . . . . . . . . . . [containing active agent]
2013/00714 . . . . . . . . . . [adhesives for mucosa]
2013/00719 . . . . . . . . . . [adhesives for use on wounds]
2013/00723 . . . . . . . . . . [non-adhesive skin fixation]
2013/00727 . . . . . . . . . . [means for wound humidity control]
Bandages, dressings or absorbent pads; First-aid kits

A61F

2013/00731 . . . [with absorbing pads]
2013/00736 . . . [containing zeolites]
2013/0074 . . . [containing foams]
2013/00744 . . . [containing non-woven]
2013/00748 . . . [with hydrocolloids or superabsorbers (wound dressings with alginate A61F 2013/00229; plasters with cyano-acrylic adhesive A61F 2013/00459; plasters for treating burn with hydrogel A61F 2013/00523; adhesive for plasters, with hydrogel A61F 2013/00676; water-based A61F 2013/00689; for use on mucosa A61F 2013/00714; for use on wounds A61F 2013/00719; with absorbent adhesives A61F 2013/00757; with fumed silica A61F 2013/00787; with viscoelastic oil-elastomer gel A61F 2013/00893)]

2013/00753 . . . [superabsorbent fabric of cloth]
2013/00757 . . . [with absorbent adhesives]
2013/00761 . . . [with permeable adhesive layers]
2013/00765 . . . [continuous layer]
2013/0077 . . . [arranged in lines]
2013/00774 . . . [arranged in discrete dots]
2013/00778 . . . [porous layers]
2013/00782 . . . [with macroscopic openings]
2013/00787 . . . [fumed silica]
2013/00791 . . . [device for evaporation of exudates]
2013/00795 . . . [special helping devices]
2013/008 . . . [easy removing of the protection sheet]
2013/00804 . . . [different adhesion of different adhesive layers (plasters with a double adhesive layer A61F 2013/00421; with cyano-acrylic adhesive A61F 2013/00459; with adhesive connecting means A61F 2013/00561; adhesives for plasters A61F 2013/00655; with absorbent adhesives A61F 2013/00757; with permeable adhesive layers A61F 2013/00761; changing the adhesion force with strain value A61F 2013/00838)]

2013/00808 . . . [force step in removing the protection layer]
2013/00812 . . . [perforate or breakable zones]
2013/00817 . . . [handles or handling tabs]
2013/00821 . . . [with hinge means]
2013/00825 . . . [protection of wound surround (protecting the body against ulcers A61F 2013/15024; protection in contaminated, e.g. NBC or industrial toxic ambience A61F 2013/15065; prophylaxis A61F 2013/15081; protection of the body or articulation A61F 2013/00722; safety barrier for protection of the operator A61F 2013/00297; skin protection A61F 2013/00387; for protection of suture stitches A61F 2013/00455)]

2013/00829 . . . [rigid or semi-rigid backing]
2013/00834 . . . [as a frame]
2013/00838 . . . [changing the adhesion force with strain value (plasters with a double adhesive layer A61F 2013/00421; with cyano-acrylic adhesive A61F 2013/00459; with adhesive connecting means A61F 2013/00561; adhesives for plasters A61F 2013/00655; with absorbent adhesives A61F 2013/00757; with permeable adhesive layers A61F 2013/00761; different adhesion of different adhesive layers A61F 2013/00804)]
2013/00842 . . . [for tearing off dressing of desired size]
2013/00846 . . . [with transparent or translucent part]
2013/00851 . . . [with grid or reference marks]
2013/00855 . . . [pervious to air or vapours (wound bandages in a special way pervious to air or vapour A61F 2013/00246)]

2013/00859 . . . [with macroscopic openings]
2013/00863 . . . [with pores]
2013/00868 . . . [thin film]
2013/00872 . . . [with controlled oxygen permeability]
2013/00876 . . . [vapour permeability >500 g/m²/24h]
2013/0088 . . . [adjustable to a predetermined value]
2013/00885 . . . [impervious, i.e. occlusive bandage]
2013/00889 . . . [waterproof]
2013/00893 . . . [viscoelastic oil-elastomer gel (adhesives based on oil A61F 2013/00693; on rubber A61F 2013/00676)]
2013/00897 . . . [package for individual plaster]
2013/00902 . . . [containing means]
2013/00906 . . . [for transcutaneous or transdermal drugs application]
2013/0091 . . . [with disinfecting or anaesthetics means, e.g. anti-mycrobic]
2013/00914 . . . [with deodorising or perfuming means]
2013/00919 . . . [for physical therapy, e.g. cold or magnetic]
2013/00923 . . . [triboelectricity (wound bandages with triboelectric materials A61F 2013/00343)]
2013/00927 . . . [with biological activity, e.g. enzymes for debriding wounds or others, collagen or growth factors]
2013/00931 . . . [chitin]
2013/00936 . . . [metal (wound bandages with a metallic layer A61F 2013/00234)]
2013/0094 . . . [for sensing physical parameters (plasters for conducting test A61F 2013/00429)]
2013/00944 . . . [humidity; moisture]
2013/00948 . . . [Ph, e.g. acid]
2013/00953 . . . [temperature]
2013/00957 . . . [pressure]
2013/00961 . . . [electrical conductivity]
2013/00965 . . . [microbiological activity]
2013/0097 . . . [oxygen content]
2013/00974 . . . [for writing or drawing, e.g. labels]
2013/00978 . . . [attachments assembly for prosthesis; pouch, e.g. ostomy]
2013/00982 . . . [allergic or hypoallergic material]
1300987 . [Apparatus or processes for manufacturing non-adhesive dressings or bandages]
1300991 . [for treating webs, e.g. for moisturising, coating, impregnating or applying powder]
1300995 . [for mechanical treatments]
1302 . Adhesive plasters or dressings (A61F 1308; A61F 1315 take precedence; for diagnosis, e.g. allergy test patches, A61B 100035; surgical adhesives or cements A61L 2400; for transdermal drug administration A61M 3500)]
130203 . [having a fluid handling member]
130206 . [the fluid handling member being absorbent fibrous layer, e.g. woven or nonwoven absorbent pad, island dressings]
130209 . [comprising superabsorbent material]
Bandages, dressings or absorbent pads; First-aid kits

A61F

13/0213 . . . [the fluid handling member being a layer of hydrocolloid, gel forming material]
13/0216 . . . [the fluid handling member being non absorbent, e.g. for use with sub- or over-pressure therapy, wound drainage or wound irrigation systems]
13/022 . . . [having more than one layer with different fluid handling characteristics]
13/0223 . . . [characterized by parametric properties of the fluid handling layer, e.g. absorbency, wicking capacity, liquid distribution]
13/0226 . . . [characterised by the support layer]
13/023 . . . [wound covering film layers without a fluid handling layer]
13/0233 . . . [characterised by the oclusive layer skin contacting layer]
13/0236 . . . [characterised by the application/handling support layer]
13/024 . . . [the application or handling support layer being removable]
13/0243 . . . [characterised by the properties of the skin contacting layer, e.g. air-vapor permeability]
13/0246 . . . [characterised by the skin adhering layer]
13/025 . . . [having a special distribution arrangement of the adhesive]
13/0253 . . . [characterized by the adhesive material]
13/0256 . . . [characterized by the parametric properties of the adhesive]
13/0259 . . . [characterised by the release liner covering the skin adhering layer]
13/0263 . . . [especially adapted for island dressings]
13/0266 . . . [especially adapted for wound covering/occlusive dressings]
13/0269 . . . [Tapes for dressing attachment (for stoma bags A61F 5/044; for nappies or sanitary towels A61F 13/55; wound closure tapes A61B 17/085; for surgical drapes A61B 46/00; attaching catheters A61M 25/02)]
13/0273 . . . [Adhesive bandages for winding around limb, trunk or head, e.g. cohesive]
13/0276 . . . [Apparatus or processes for manufacturing adhesive dressings or bandages]
13/0279 . . . [by attaching individual patches on moving webs]
13/0283 . . . [for making adhesive or cohesive tape or fabrics therefor, e.g. coating or mechanical treatments]
13/0286 . . . [manufacturing of non adhesive dressings]
13/0289 . . . [manufacturing of adhesive dressings]
13/0293 . . . [manufacturing of plaster of Paris]
2013/0296 [for making transdermal patches (chemical processes excluded)]
13/04 . Plaster of Paris bandages; Other stiffening bandages (A61F 13/06 - A61F 13/15 take precedence)
13/041 . [Accessories for stiffening bandages, e.g. cast liners, heel-pieces]
13/043 . . . [Shoe-like cast covers; Cast socks (A61F 15/004 takes precedence; shoe-like orthopaedic devices for protecting the feet against injuries after operations: A61F 5/0195; walking soles A61F 13/045)]
13/045 . . . [Walking soles or heels]
13/046 . . . [Incorporated ventilation or cooling devices]
13/048 . . . [Braces for connecting two cast parts, e.g. hinged cast braces (orthoses A61F 5/0102)]
13/06 . specially adapted for feet or legs; Corn-pads; Corn-rings
13/061 . . . [for knees (incorporating non-textile reinforcing elements, e.g. springs or stays, A61F 5/0111; Patella supports)]
13/062 . . . [Openable readjustable]
13/063 . . . [Corn-pads; Corn-rings]
13/064 . . . [for feet (incorporating non-textile reinforcing elements, e.g. springs or stays A61F 5/0111; corn-pads, corn-rings A61F 13/063)]
13/065 . . . [Looped bandages around the forefoot (A61F 13/068 takes precedence)]
13/066 . . . [for the ankle]
13/067 . . . [for the sole of the foot (rigid shoe insertions for supporting the sole A61F 5/14)]
13/068 . . . [for the toes (toe correcting or spreading devices A61F 5/019)]
13/069 . . . [Decubitus ulcer bandages]
13/08 . . . Elastic stockings; for contracting aneurisms
13/085 . . . [Openable readjustable]
13/10 . . . specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors ([restraining devices for arms A61F 5/37; shoulder bandages A61F 13/14)]
13/101 . . . [for the elbow, e.g. decubitus ulcer bandages (A61F 13/107 takes precedence)]
13/102 . . . [Openable readjustable]
13/104 . . . [for the hands or fingers (A61F 13/107 takes precedence)]
13/105 . . . [for the fingers; Finger-stalls; Nail-protectors (devices for correcting deformities of the nails A61F 5/11)]
13/107 . . . [for wrist support (incorporating non-textile reinforcing elements, e.g. springs or metal braces A61F 5/0118); Compression devices for tennis elbow (epicondylitis)]
13/108 . . . [Openable readjustable]
13/12 . . . specially adapted for the head or neck
13/122 . . . [specially adapted for the face]
13/124 . . . [specially adapted for the eyes]
13/126 . . . [specially adapted for the nose]
13/128 . . . [specially adapted for the neck]
13/14 . . . specially adapted for the breast or abdomen (corsets or bandages for support of breast or abdomen A61F 5/03)]
13/141 . . . [Milch breast pads]
13/143 . . . [Thorax bandages or bandaging garments]
13/145 . . . [specially adapted for the female anatomy]
13/146 . . . [Shoulder bandages or bandaging garments]
13/148 . . . [Abdomen bandages or bandaging garments]
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
2013/15008 [characterized by the use]
2013/15016 [for breast; pads for bras]
2013/15024 [for protecting the body against ulcers]
2013/15032 [as umbilical bandage]
2013/1504 [for avoiding contact with umbilical region]
Bandages, dressings or absorbent pads; First-aid kits

---

2013/15048 . . . [for protection against contamination, or protection in using body disinfecting wipes]
2013/15056 . . . [for the protection for furniture, e.g. car seats, chairs, beds]
2013/15065 . . . [for protecting in contaminated ambience, e.g. NBC or industrial chemicals]
2013/15073 . . . [as drapes]
2013/15081 . . . [as prophyaxis]
2013/15089 . . . [as facial prophyaxis]
2013/15097 . . . [as genital prophyaxis]
2013/15105 . . . [as contraceptive, e.g. condom]
2013/15113 . . . [for haemorrhoids]
2013/15121 . . . [for mild incontinence]
2013/1513 . . . [for anal discharge]
2013/15138 . . . [for flatus, i.e. gas]
2013/15146 . . . [for urine collection]
2013/15154 . . . [for hospitalised patients]
2013/15162 . . . [for jaundice phototherapy, i.e. UV light-permeable or transparent materials]
2013/1517 . . . [for puerperae, i.e. after childbirth]
2013/15178 . . . [for prevention and therapy of hip dysplasia or subluxation]
2013/15186 . . . [for animals]
2013/15195 . . . [as swimwear]
13/15203 . . . [Properties of the article, e.g. stiffness or absorbency (chemical aspects A61L 15/000)]
13/15211 . . . [soluble or disintegratable in liquid]
2013/15219 . . . [by mechanical separation of water resistant parts]
2013/15227 . . . [by its solubility in particular Ph solution]
2013/15235 . . . [by its solubility in water]
2013/15243 . . . [printed or coloured, e.g. to match skin]
13/15252 . . . [compostable or biodegradable]
2013/1526 . . . [reusable (with separable parts A61F 13/505)]
2013/15276 . . . [washable]
2013/15284 . . . [characterized by quantifiable properties]
2013/15292 . . . [Resistance, i.e. modulus or strength]
2013/153 . . . [in dry conditions]
2013/15308 . . . [in wet conditions, i.e. wet strength]
2013/15317 . . . [Wet compressibility, i.e. void volume/gr]
2013/15325 . . . [Stress relaxation or compression recovery]
2013/15333 . . . [to hot, e.g. 90 decC washing procedures]
2013/15341 . . . [to fire or flame]
2013/15349 . . . [with controlled smoke emission]
2013/15357 . . . [Stiffness, e.g. Taber rigidity]
2013/15365 . . . [Dimensions]
2013/15373 . . . [Calliper, i.e. thickness]
2013/15382 . . . [Reduced thickness]
2013/1539 . . . [being expandable]
2013/15398 . . . [for giving the illusion of a thick absorbent pad]
2013/15406 . . . [Basis weight]
2013/15414 . . . [Bulk thickness]
2013/15422 . . . [Density]
2013/1543 . . . [with a density gradient in the horizontal plane]
2013/15439 . . . [with a density gradient in the vertical plane]
2013/15447 . . . [Fibre dimension, e.g. denier or tex]
2013/15455 . . . [Volume-to-fibre surface area ratio]
2013/15463 . . . [Absorbency]
2013/15471 . . . [Total capacity]
2013/15479 . . . [Drip capacity]
2013/15487 . . . [Capillary properties, e.g. wicking]
2013/15495 . . . [pore dimension]
2013/15504 . . . [with a porosity gradient in the vertical or horizontal plane]
2013/15512 . . . [with specific hydrophilicity]
2013/15552 . . . [with specific diffusion velocity]
2013/15528 . . . [with specific capillary or osmotic pressure]
2013/15536 . . . [with a capillarity gradient in the vertical or horizontal plane]
2013/15544 . . . [Permeability]
2013/15552 . . . [Air permeability]
2013/1556 . . . [Water permeability]
2013/15569 . . . [Adhesivity]
13/15577 . . . [Apparatus or processes for manufacturing]
13/15585 . . . [of babies' napkins, e.g. diapers (A61F 13/15617 - A61F 13/15804 take precedence)]
13/15593 . . . [having elastic ribbons fixed thereto; Devices for applying the ribbons]
13/15601 . . . [the ribbons being applied transversely to the direction of the movement of the webs the diapers are being made of]
13/15609 . . . [the ribbons being applied in an irregular path]
13/15617 . . . [Making absorbent pads from fibres or pulverent material with or without treatment of the fibres]
13/15626 . . . [Making fibrous pads without outer layers]
13/15634 . . . [Making fibrous pads between sheets or webs]
13/15642 . . . [by depositing continuous layers or pads of fibrous material on single sheets or webs]
13/1565 . . . [by depositing continuous layers of fibrous material between webs, e.g. wrapping layers of fibrous material]
13/15658 . . . [Forming continuous, e.g. composite, fibrous webs, e.g. involving the application of pulverent material on parts thereof]
13/15666 . . . [Wrapping formed fibrous webs or pads, e.g. the pads being formed by uniting pad pieces cut from fibrous webs]
13/15674 . . . [by wrapping webs or pads between webs moving in their longitudinal direction]
13/15682 . . . [by folding webs, moving in their longitudinal direction, around webs or pads]
13/15691 . . . [by inserting webs or pads in a tube or a netting, e.g. involving forming of the tube or netting]
13/15699 . . . [Forming webs by bringing together several webs, e.g. by laminating or folding several webs, with or without additional treatment of the webs]
13/15707 . . . [Mechanical treatment, e.g. notching, twisting, compressing, shaping]
13/15715 . . . [Shaping or making outer layers]
13/15723 . . . [Partitioning batts; Cutting]
13/15731 . . . [Treating webs, e.g. for giving them a fibrelike appearance, e.g. by embossing]
13/15739 . . . [Sealing, e.g. involving cutting]
Bandages, dressings or absorbent pads; First-aid kits

13/15747 . . . . {Folding; Pleating; Coiling; Stacking; Packaging}
13/15756 . . . . {Applying tabs, strips, tapes, loops; Knotting the ends of pads}
13/15764 . . . . {Transferring, feeding or handling devices; Drives}
13/15772 . . . . {Control}
2013/1578 . . . . {via optical means associated to computer coordinator}
2013/15788 . . . . {of the presence of the article or components}
2013/15796 . . . . {of the alignment or position of article or components}
13/15804 . . . . {Plant, e.g. involving several steps}
2013/15813 . . . . {with modular lines}
2013/15821 . . . . {characterized by the apparatus for manufacturing}
2013/15829 . . . . {using pressure liquid jet}
2013/15837 . . . . {using solvent}
2013/15845 . . . . {using a specific cam for programming the apparatus}
2013/15853 . . . . {using a specific computer algorithm for programming the apparatus}
2013/15861 . . . . {for bonding}
2013/15869 . . . . {with ultrasonic energy}
2013/15878 . . . . {by thermal bonding}
2013/15886 . . . . {by spot bonding}
2013/15894 . . . . {by infra-red radiation}
2013/15902 . . . . {with specific parameters, e.g. temperature, pressure}
2013/1591 . . . . {via adhesive}
2013/15918 . . . . {for die cutting}
2013/15926 . . . . {for vacuum forming}
2013/15934 . . . . {for making non-woven}
2013/15943 . . . . {by air-laid technique}
2013/15951 . . . . {by wet-laid technique}
2013/15959 . . . . {by spunbond technique}
2013/15967 . . . . {by meltblown technique}
2013/15975 . . . . {by non-bonded and deformable technique}
2013/15983 . . . . {by hydroentangled technique}
2013/15991 . . . . {in making composite multi-layered product}
2013/16 . . . . {Sanitary towels; Means for supporting or fastening them}
13/20 . . . . Tampons, e.g. catamenial tampons; Accessories therefor
13/2002 . . . . {characterised by the use}
13/2005 . . . . {specially adapted for the nose cavity}
13/2008 . . . . {specially adapted for the oral cavity}
13/2011 . . . . {specially adapted for anal cavity}
2013/2014 . . . . {for endoscopic procedures}
13/2017 . . . . {specially adapted for the ear cavity}
13/202 . . . . {Catamenial tampons (A61F 13/2022; A61F 13/34 take precedence)}
13/2022 . . . . {characterised by the shape}
13/2025 . . . . {adapted to change of shape once expelled of the applicator}
13/2028 . . . . {adapted to change of shape after absorption of liquid}
13/2031 . . . . {having depressions or elevations, e.g. dots, lines}
13/2034 . . . . {having grooves or ribs, having a main axis in the longitudinal direction}
13/2037 . . . . {having grooves or ribs, having a main axis in the radial direction}
13/204 . . . . {having an external member remaining outside the body cavity, e.g. for form fitting or leakage prevention (withdrawal strings persee A61F 13/34)}
13/2042 . . . . {having a central tubular opening}
13/2045 . . . . {Cup-shaped type tampons (non-absorbent catamenial cups A61F 5/4553)}
13/2048 . . . . {Ball-shaped tampons}
13/2051 . . . . {characterised by the material or the structure of the inner absorbing core}
13/2054 . . . . {made by compressing a not-rolled web or pledged}
13/2057 . . . . {made of foam}
13/206 . . . . Tampons made of rolled-up material
13/2062 . . . . Tampons made from folded lengths of material, e.g. of string
13/2065 . . . . Tampons folded from sheets of material (A61F 13/206 takes precedence)
13/2068 . . . . Tampons made from several layers (A61F 13/2065, A61F 13/206 take precedence)
13/2071 . . . . {characterised by the material or the structure of the outer layer}
13/2074 . . . . {impregnated with hydrophobic, hydrophilic, skin enhancers, medicinal etc. substances}
13/2077 . . . . {having a visual effect, e.g. printed or embossed}
13/208 . . . . {having means for avoiding leakage, e.g. liquid impermeable withdrawal end (A61F 13/204 takes precedence)}
13/2082 . . . . {Apparatus or processes of manufacturing}
13/2085 . . . . {Catamenial tampons}
13/2088 . . . . {shaping the tampon by compressing}
13/2091 . . . . {providing grooves on the tampon}
13/2094 . . . . {rolling a web material to form a tampon}
13/2097 . . . . {method of manufacturing tampon applicators}
13/26 . . . . Means for inserting tampons, i.e. applicators
13/263 . . . . {with reduced length before use, e.g. with folding rod}
13/266 . . . . {Insertion devices, e.g. rods or plungers, separate from the tampon}
13/28 . . . . with lubricating means
13/34 . . . . Means for withdrawing tampons, e.g. withdrawal strings
13/36 . . . . Surgical swabs, e.g. for absorbency or packing body cavities during surgery (A61F 13/38 takes precedence)
13/38 . . . . Swabs having a stick-type handle, e.g. cotton tips (ear cleaners other than cotton tips A61F 11/006; swabs containing a liquid, e.g. in a rupturable reservoir, A61M 35/006)
13/385 . . . . {Apparatus or processes of manufacturing}
13/42 . . . . {with wetness indicator or alarm}
2013/421 . . . . {the alarm being a temperature change}
2013/422 . . . . {the alarm being a colour change}
2013/423 . . . . {the alarm being a volume change or a movement of a component}
2013/424 . . . . {having an electronic device}
2013/425 . . . . {being also a toilet training aid}
Bandages, dressings or absorbent pads; First-aid kits

13/44 . . . . with radio-opaque material or signalling means for residual material

13/45 . . . . characterised by the shape (cup-shaped tampons A61F 13/2045)

13/4506 . . . . [special configurations using catheter or tube]

13/4512 . . . . [folded in special shape during use (A61F 13/534, A61F 13/551, A61F 13/56, A61F 13/15742 take precedence)]

13/4518 . . . . [formed from two separated panels]

13/4525 . . . . [by front and rear joined laterally at the crotch]

13/4531 . . . . [by lateral panels joined at the centreline, i.e. along the longitudinal axis]

13/4537 . . . . [with aeration ducts (with hose-like, tubular sealing barriers A61F 13/49473)]

13/4543 . . . . [with a special transverse section (A61F 13/534 takes precedence)]

13/4545 . . . . [having a “W” shape]

13/4546 . . . . [having a “M” shape]

13/4562 . . . . [cup-shaped]

13/4568 . . . . [three-dimensional; with split absorbent core]

13/4575 . . . . [connected by elastic means]

13/4581 . . . . [with absorbent core in separated pieces]

13/4587 . . . . [with channels or deep spot depressions on the upper surface (A61F 13/4704 and A61F 13/49001 take precedence)]

13/4593 . . . . [allowing introduction of medical instruments without removing the absorbent article]

13/47 . . . . Sanitary towels, incontinence pads or napkins (A61F 13/42 takes precedence)

13/4702 . . . . [having a reinforcing member]

13/4704 . . . . [having preferential bending zones, e.g. fold lines or grooves]

13/4706 . . . . [enlarged in the anal area]

13/4708 . . . . [Panty-liner]

13/471 . . . . specially adapted for male use

13/472 . . . . specially adapted for female use ((A61F 13/474, A61F 13/475, A61F 13/476 take precedence))

13/47209 . . . . [having only interlabial part, i.e. with no extralabial parts]

13/47218 . . . . [with a raised crotch region, e.g. hump]

13/47227 . . . . [for interlabial use]

13/47236 . . . . [characterised by an unusual contour]

13/47245 . . . . [with asymmetry around the x or y axis]

13/47254 . . . . [with a tanga shape]

13/47263 . . . . [with activating means, e.g. elastic, heat or chemical activatable means]

13/47272 . . . . [with a longitudinal raised end, e.g. cup-shaped gluteal groove (for edge leakage prevention A61F 13/4941)]

13/47281 . . . . [with internal collecting device]

13/4729 . . . . [combining catamenial pad and tampon]

13/474 . . . . adjustable

13/475 . . . . characterised by edge leakage prevention means

13/4751 . . . . [the means preventing fluid flow in a transversal direction]
Bandages, dressings or absorbent pads; First-aid kits

A61F

2013/49042 . . . . . . {with only stretchable part, i.e. part being not elastic but only extensible with not a full recovery of its original length}

2013/49044 . . . . . . {being stretchable non-elastic panels, (A61F 13/4902 takes precedence)}

2013/49046 . . . . . . {at the crotch}

2013/49047 . . . . . . {at the ears}

2013/49049 . . . . . . {on the hips}

2013/4905 . . . . . . {at the waist}

2013/49052 . . . . . . {having a specific direction of stretchability}

2013/49053 . . . . . . {being stretchable in the longitudinal direction or machine direction, i.e. longitudinal}

2013/49055 . . . . . . {being stretchable in transversal direction or cross machine direction}

2013/49057 . . . . . . {being stretchable in both longitudinal and transversal direction}

13/49058 . . . . . . {characterised by the modular concept of constructing the diaper}

13/4906 . . . . . . {the diaper having an outer chassis forming the diaper and an independent absorbent structure attached to the chassis}

13/49061 . . . . . . {the diaper having one or two waist members forming the diaper waist region and an independent absorbent structure attached to the one or two waist members forming the crotch region}

2013/49063 . . . . . . {the diaper having decoupled components}

2013/49065 . . . . . . {being joined by a transverse line}

2013/49066 . . . . . . {being joined by an area of low stiffness}

2013/49068 . . . . . . {characterized by the shape of the outline}

2013/49069 . . . . . . {being rectangular, i.e. parallelepiped}

2013/49071 . . . . . . {being triangular}

2013/49073 . . . . . . {being trapezoidal}

2013/49074 . . . . . . {hourglass; dog bone-shaped}

2013/49076 . . . . . . {as "T"-shaped}

2013/49077 . . . . . . {as "T"-shaped}

2013/49079 . . . . . . {as backbone-shape}

2013/4908 . . . . . . {concave}

2013/49082 . . . . . . {being a complex shape not covered by the other groups A61F 2013/49008-A61F 2013/4908}

2013/49084 . . . . . . {conformable}

2013/49085 . . . . . . {with a multiplicity of rounded, i.e. spherical elements}

2013/49087 . . . . . . {having breakable lateral stitches or panels}

2013/49088 . . . . . . {characterized by the leg opening}

2013/4909 . . . . . . {being asymmetric leg openings}

2013/49092 . . . . . . {comprising leg cuffs}

2013/49093 . . . . . . {having multiple barriers}

2013/49095 . . . . . . {Being formed by lateral sleet}

2013/49096 . . . . . . {with braces}

2013/49098 . . . . . . {Other Details not otherwise provided of the absorbent articles specially adapted to be worn around the waist}

13/491 . . . . . . {specially adapted for gender distinct urine discharge pattern}

13/4915 . . . . . . {specially adapted for male use}
Bandages, dressings or absorbent pads; First-aid kits

2013/51009 . . . . [characterized by the shape of the fibres]
2013/51011 . . . . [characterized by the count of the fibres, e.g. denier or tex]
2013/51014 . . . . [characterized by the connection between the fibres]
2013/51016 . . . . [followed by a distension heat treatment]
2013/51019 . . . . [being cellulosic material]
2013/51021 . . . . [being chemically modified]
2013/51023 . . . . [being polymeric fibres]
2013/51026 . . . . [being in thermoplastic material]
2013/51028 . . . . [being bicomponent]
2013/5103 . . . . [being hydrophobic]
2013/51033 . . . . [being hydrophilic]
2013/51035 . . . . [being biodegradable, e.g. Rayon, polylactate, dioxanone]
2013/51038 . . . . [being a mixture of fibres]
2013/5104 . . . . [with pulp and polymeric fibres]
2013/51042 . . . . [with hydrophobic and hydrophilic fibres]
2013/51045 . . . . [with thermoplastic binder]
2013/51047 . . . . [with antibacterial agents]
2013/5105 . . . . [with mineral or inert material]
2013/51052 . . . . [having different diameters]
2013/51054 . . . . [having different densities]
2013/51057 . . . . [having different ratio of fibres]
2013/51059 . . . . [being sprayed with chemicals]
2013/51061 . . . . [for rendering the surface hydrophobic]
2013/51064 . . . . [in the legs area]
2013/51066 . . . . [for rendering the surface hydrophilic]
2013/51069 . . . . [by hydrophilisation with plasma or corona discharge]
2013/51071 . . . . [with anti-static agents]
2013/51073 . . . . [with lubricants]
2013/51076 . . . . [with perfumes or odour-masking agents]
2013/51078 . . . . [being embossed]
2013/5108 . . . . [in grids]
2013/51083 . . . . [in point]
2013/51085 . . . . [in diamonds]
2013/51088 . . . . [in very fine microtexture]
2013/5109 . . . . [with odour control]
2013/51092 . . . . [characterized by the dimensions]
2013/51095 . . . . [being metallic]
2013/51097 . . . . [with high friction coefficient for fixation of the bandage]
13/511 . . . . Topsheet, i.e. the permeable cover or layer facing the skin
13/51104 . . . . [the top sheet having a three-dimensional cross-section, e.g. corrugations, embossments, recesses or projections]
13/51108 . . . . [the top sheet having corrugations or embossments having one axis relatively longer than the other axis, e.g. forming channels or grooves in a longitudinal direction]
13/51113 . . . . [comprising an additive, e.g. lotion or odour control (A61F 13/51108 takes precedence)]
2013/51117 . . . . [the lotion having skin care properties]
13/51121 . . . . [characterised by the material]
2013/51126 . . . . [being nets]
2013/5113 . . . . [being foams]
2013/51134 . . . . [the foam being compressed and expandable, e.g. a cellulosic sponge]
2013/51139 . . . . [being woven or knitted fabrics]
13/51143 . . . . [being papers]
2013/51147 . . . . [being polymeric films]
2013/51152 . . . . [having specific distance between the fibres]
2013/51156 . . . . [having integrally attached]
13/5116 . . . . [being formed of multiple layers (A61F 13/5123 takes precedence)]
2013/51165 . . . . [with the combination of films and nonwovens]
2013/51169 . . . . [the nonwoven being hydroentangled or needlingentangled to the film]
2013/51173 . . . . [with the combination of polymeric films]
2013/51178 . . . . [with the combination of nonwoven webs]
2013/51182 . . . . [with non-continuous bonding]
2013/51186 . . . . [specially shaped topsheets]
2013/51191 . . . . [Self-sealing top layers]
2013/51195 . . . . [not contacting the absorber]
13/512 . . . . characterised by its apertures, e.g. perforations
13/5121 . . . . [characterised by the vertical shape of the apertures, e.g. three dimensional apertures, e.g. macro-apertures]
13/5122 . . . . . . [and comprising secondary apertures, e.g. macro-apertures in combination with microapertures]
13/5123 . . . . . . [the apertures being formed on a multilayer top sheet]
13/5125 . . . . . . [the apertures not being formed through the complete thickness of the topsheet, e.g. blind holes (blind holes in a single layered topsheet A61F 13/51104)]
13/5126 . . . . . . [characterised by the planar distribution of the apertures, e.g. in a predefined pattern]
2013/5127 . . . . . . [characterized by the dimension of apertures]
2013/5128 . . . . . . [characterized by open targets or acquisitions or vulnerability zones]
13/513 . . . . . . [characterised by its function or properties, e.g. stretchability, breathability, rewet, visual effect;] having areas of different permeability
13/51305 . . . . . . [having areas of different permeability]
13/51311 . . . . . . [the permeability gradient being in the vertical direction]
2013/51316 . . . . . . [with low friction coefficient]
2013/51322 . . . . . . [being elastomeric or stretchable]
2013/51327 . . . . . . [in only one specific direction]
2013/51333 . . . . . . [in only specific parts or sections of the top layer]
2013/51338 . . . . . . [having improved touch or feeling, e.g. smooth film]
2013/51344 . . . . . . [with pile webs or velvet-like tissues]
2013/5135 . . . . . . [with flame retardant agents or fire extinguishing agents]
2013/51355 . . . . . . [for improving fluid flow]
2013/51361 . . . . . . [with pleats or folds]
2013/51366 . . . . . . [with hydrophilic lower face]
2013/51372 . . . . . . [with valve or valve-like upper layer; Tapered capillary structures]
2013/51377 . . . . . . [having decoration properties]
2013/51383 . . . . . . [being adapted for female properties]
2013/51388 . . . . . . [being adapted to male properties]
Backsheet, i.e. the impermeable cover or layer furthest from the skin ([A61F 13/15211, A61F 13/15252 take precedence])

characterised by the material
(with activating means, e.g. for closing apertures upon contact with water)
(treated or coated, e.g. with moisture repellent agent)
[being flexible]
[being a film]
[being impervious to fluids but not for air or vapours]
(with macroscopic openings)
(with pores)
(with thin films)
(with stretched areas)
(only in special places)
(the vapour permeability being less than 500g/m²/24h)
[being impervious, i.e. occlusive]
(having valves)
[being elastomeric or stretchable sheet]
(in the composition of the elastomer)
[being biodegradable]
(having flame retardant agent or fire extinguishing agent)
[being integral with absorbent core]
[being foams]
[being a fibrous material]
[being impervious to fluids and being air permeable]
[comprising microfibres, e.g. Gore-Tex]
[being air permeable]
[being knitted or woven fabrics]
[being treated materials]
[being nonwovens]
[being papers]
(characterised by its properties)
[being air-pervious or breathable]
(with apertures of perforations)
(being defined by a value or parameter)
[being stretchable or elastomeric]
(providing stretchability without the use of elastic material)
[being removable]
(the outer layer being adhesive itself)
(for reducing noise)
(characterised by its structure)
[being three-dimensional, e.g. embossed, textured, pleated, or with three-dimensional features, like gathers or loops]
[being a laminate, e.g. multi-layered or with several layers]
[having an impervious inner layer and a cloth-like outer layer]

having visual effects]
[Details not otherwise provided for]
(characterised by the interconnection of the topsheet and the backsheet)
[Layers coated or treated to decrease absorbency]
(characterised by the absorbing medium (A61F 13/20 takes precedence)
[being made from pulp]
[being made in hard wood pulp]
[being made in soft wood pulp]
[being made from cotton]
[being made in chemically-modified cellulosic material, e.g. Rayon]
[being made in oxidized cellulose]
[being made in cross-linked cellulosic fibres]
(with specific method of producing wood pulp fibres]
(with chemical pulp]
(with sulphate pulp, e.g. Kraft]
[being unbleached]
(with debonding agents]
[with mechanical pulp]
[with thermomechanical pulp]
[with chemithermomechanical pulp]
(with recycled material, e.g. paper]
(with compressed and delaminated material]
[being made in fibre but being not pulp]
(characterized by the fibre length]
[being short]
[being long]
[having special shape]
[being crimpeď]
(with capillary channel]
(characterized by the connection between the fibres]
(with thermoplastic adhesive]
(with water-soluble binder]
(with alcohol-based binder]
(with water-insoluble binder]
(followed by heat treatment]
(with polymeric fibres]
(with thermoplastic fibres]
(with bicomponent fibres]
(with thermosetting fibres]
(with hydrophobic fibres]
(only in particular parts or specially arranged]
Bandages, dressings or absorbent pads; First-aid kits

- [the maximum being at the crotch]
- [the maximum being at front or rear]
- [the maximum being at a certain depth in the thickness]
- [the maximum being along the sides]
- [being hydrophilic fibres]
- [coated with superabsorbent polymer]
- [being biodegradable]
- [in biopolymer, e.g. PHA]
- [being in peat moss]
- [being natural fibres]
- [of cotton]
- [of wool]
- [of bamboo]
- [of ramie or jute or linen]
- [comprising mixtures of fibres]
- [with pulp and polymeric]
- [in conform]
- [with hydrophobic and hydrophilic fibres]
- [with thermostatic fibres]
- [having different count, e.g. denier or tex]
- [having different densities]
- [with different ratio of components]
- [having a part with elevated absorption means]
- [by defining a target or acquisition or vulnerability zone]
- [having chemically-stiffened fibres]
- [being curled]
- [being twisted]
- [being cross-linked]
- [having superabsorbent materials, i.e. highly absorbent polymer gel materials]
- [being randomly mixed in with other material]
- [being fixed to fibres]
- [being only in particular parts or specially arranged]
- [the maximum being at the crotch]
- [the maximum being at front or rear]
- [the maximum being at a certain depth in the thickness]
- [the maximum being along the side edges]
- [positioned in a separate layer or layers]
- [and being fixed to a web]
- [being arranged in discontinuous pattern]
- [characterized by the particle size]
- [having different size in different parts]
- [characterized by the form]
- [in granules or particles]
- [in aggregates]
- [in sheet]
- [in fibres]
- [being made into a paper or non-woven]
- [in flakes]
- [in thin film]
- [being cross-linked or polymerised in situ]
- [in sponge or foam]
- [being cut into pieces]
- [being a knitted or woven fabric]
- [being mixed with mineral or inert material, e.g. "introfying particles"]
- [with citric acid]
- [with metallic soluble salts, e.g. Na, K, Mg chloride]
- [with polymeric material]
- [characterized by the quantity or ratio of superabsorbent material]
- [characterized by the absorbency properties]
- [by the acquisition rate]
- [by the delayed absorbency]
- [by the swelling rate]
- [by the absorbent capacity]
- [by the absorbency under load]
- [by the centrifugal load]
- [by the osmotic feature]
- [by the cross-link factor]
- [by the inverse temperature transition]
- [by the ionic surfactant, e.g. salt resistant]
- [by the gel layer permeability]
- [by the biodegradable]
- [by the foam or sponge other than superabsorbent]
- [characterized by the liquid distribution or transport means other than wicking layer (A61F 2013/530649 takes precedence)]
- [with special pore dimension or arrangement]
- [being open cells]
- [the cells being opened by mechanical or physical treatment]
- [being closed cells]
- [being hydrophilic]
- [being hydrophobic]
- [being collapsed or collapsible foam]
- [having slit regions]
- [characterized by the liquid distribution or transport means other than wicking layer (A61F 13/537 takes precedence)]
- [having holes]
- [having folds]
- [having impervious part]
- [having capillary means, e.g. pore or fibre size gradient]
- [being hydrophilic]
- [being hydrophobic]
- [being hydronutral]
- [having longitudinal barriers]
- [having a density gradient]
- [through the thickness]
- [along the length]
- [being only in particular parts or specially arranged]
- [being maximum at the crotch]
- [being at front or rear region]
- [being at a particular depth in the thickness]
- [being along the side edges]
- [in the form of string or ball instead of sheets]
- [having a homogeneous composition through the thickness of the pad (A61F 13/538, A61F 13/539 take precedence)
Bandages, dressings or absorbent pads; First-aid kits

13/532 . . . . . [being a flanged fibrous pad]
13/533 . . . . . having discontinuous areas of compression
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 13/53)
13/5349 . . . . . [having a folded core]
13/53418 . . . . . [having a C-folded cross-section]
13/53427 . . . . . [having an e-folded cross-section]
13/53436 . . . . . [having an undulated or corrugated cross-section]
13/53445 . . . . . [from several sheets]
13/53454 . . . . . [with mirror-like structure]
13/53463 . . . . . [with a reinforcing structure, e.g. net]
13/53472 . . . . . [being a non-woven tissue wrapping the core]
13/53481 . . . . . [being biodegradable]
13/5349 . . . . . [being a tissue-wrapped core]
13/535 . . . . . inhomogeneous in the plane of the pad, e.g. core absorbent layers being of different sizes ([A61F 13/5323, A61F 13/537 take precedence])
13/5355 . . . . . [with terraced core]
13/536 . . . . . having discontinuous areas of compression
13/537 . . . . . characterised by a layer facilitating or inhibiting flow in one direction or plane, e.g. a wicking layer (ifA61F 13/538 takes precedence)
13/53704 . . . . . [the layer having an inhibiting function on liquid propagation]
13/53708 . . . . . [the layer having a promotional function on liquid propagation in at least one direction]
13/53713 . . . . . [the layer having a promotional function on liquid propagation in the vertical direction]
13/53717 . . . . . [the layer having a promotional function on liquid propagation in the horizontal direction]
13/53721 . . . . . [with capillary means]
13/53726 . . . . . [on the top layer]
13/5373 . . . . . [on the bottom layer]
13/53734 . . . . . [with compressed lines]
13/53739 . . . . . [with compressed points]
13/53743 . . . . . [characterised by the position of the layer relative to the other layers]
13/53747 . . . . . [the layer is facing the topsheet (layer is part of the topsheet A61F 13/511)]
13/53752 . . . . . [the layer is embedded in the absorbent core]
13/53756 . . . . . [the layer facing the back-sheet]
13/5376 . . . . . [characterised by the performance of the layer, e.g. acquisition rate, distribution time, transfer time]
13/53765 . . . . . [characterized by its geometry]
13/53769 . . . . . [with the wicking layer not contacting the absorbent core]
2013/53773 . . . . . [with a deformable spacing structure]
2013/53778 . . . . . [with grooves]
2013/53782 . . . . . [with holes]
2013/53786 . . . . . [with folds]
2013/53791 . . . . . [being resilient or elastic]
2013/53795 . . . . . [being a surge management layer]
13/538 . . . . . characterised by specific fibre orientation or weave
2013/5383 . . . . . [by the fibre orientation in the x-y plane]
2013/5386 . . . . . [by the fibre orientation in the z plane or vertical direction]
13/539 . . . . . characterised by the connection of the absorbent layers with each other or with the outer layers
2013/53908 . . . . . [with adhesive]
2013/53916 . . . . . [with epicyclical pattern]
2013/53925 . . . . . [with intermittent pattern, e.g. spots]
2013/53933 . . . . . [with water-soluble binder]
2013/53941 . . . . . [being alcohol-based binder]
2013/5395 . . . . . [with thermoplastic agent, i.e. softened by heat]
2013/53958 . . . . . [with separate adhesive layer]
2013/53966 . . . . . [by needling, sewing, blow-needling]
2013/53975 . . . . . [by hydraulic entanglement]
2013/53983 . . . . . [with hook and loop-type fastener or the like]
2013/53991 . . . . . [by ultrasonic method]
13/551 . . . . . Packaging before or after use ((general packaging of absorbent pads B65D 85/00))
13/55105 . . . . . [packaging of diapers]
13/5511 . . . . . [characterized by the container (A61F 1500 takes precedence)]
13/55115 . . . . . [characterized by the features before use, e.g. how are the diapers folded or arranged in a package]
13/5512 . . . . . [after use]
2013/55125 . . . . . [the disposal system being a bag or a pocket integral with or attached to the diaper]
13/5513 . . . . . [packaging of feminine sanitary napkins]
13/55135 . . . . . [before use]
13/5514 . . . . . [each item packaged single]
13/55145 . . . . . [multiple packaged items]
13/5515 . . . . . [after use]
2013/55155 . . . . . [the disposal system being a bag or pocket integral with or attached to the sanitary napkin]
13/5516 . . . . . [packaging of interlabial absorbing articles]
13/55165 . . . . . [before use]
13/5517 . . . . . [after use]
13/55175 . . . . . [packaging of tampons]
13/5518 . . . . . [after use]
13/55185 . . . . . [in combination with the applicator]
13/5519 . . . . . [packages containing more than one kind of item, e.g. tampon and napkin, or diaper and an exchangeable insert]
2013/55195 . . . . . [Packaging for dispensing and disposing]
13/56 . . . . . Supporting or fastening means
13/5605 . . . . . [specially adapted for sanitary napkins or the like]
13/5611 . . . . . [using fastening strips, e.g. adhesive, on the undergarment-facing side]
Bandages, dressings or absorbent pads; First-aid kits

13/5616. . . . [using flaps, e.g. adhesive, for attachment to the undergarment (leakage prevention means encircling the crotch portion A61F 13/476)]

13/5622. . . . [specially adapted for diapers or the like]

2013/5627. . . . [comprising a zip fastener]

13/5633. . . . [open type diaper]

13/5638. . . . [adjustable open type diapers (adjustable otherwise than by the fasteners A61F 13/493)]

13/5644. . . . [having more than one pair of fasteners]

13/565. . . . [pants type diaper]

13/5655. . . . [adjustable pants type diapers (adjustable otherwise than by the fasteners A61F 13/493)]

2013/5661. . . . [in special holders for beds, chairs or seats]

2013/5666. . . . [connected to itself (A61F 13/58 and A61F 13/62 take precedence)]

2013/5672. . . . [with buttons or the like (A61F 13/78 takes precedence)]

2013/5677. . . . [refastenable]

2013/5683. . . . [Disposition or arrangement]

2013/5688. . . . [inclined at an oblique angle to the longitudinal axis]

2013/5694. . . . [Other non adhesive means than hook and loop-type fastener or belts (A61F 13/62, A61F 13/64 and A61F 13/66 take precedence)]

13/58. . . . Adhesive tab fastener elements ((A61F 13/5611, A61F 13/5616), A61F 13/66 take precedence)

13/581. . . . [Tab fastener elements combining adhesive and mechanical fastening (fabric strip fastener elements A61F 13/62)]

2013/582. . . . [with one strip on one place]

2013/583. . . . [with strips on several places]

2013/585. . . . [being spot like]

2013/586. . . . [on lateral flaps]

2013/587. . . . [on rear or front tabs]

2013/588. . . . [on waist panels]

13/60. . . . with release means associated with tab fastener

13/62. . . . [Mechanical fastening means, (A61F 13/5611, A61F 13/5616, A61F 13/581, A61F 13/66 take precedence);] Fabric strip fastener elements, e.g. hook and loop

13/622. . . . [Fabric strip fastener elements, e.g. hook and loop]

13/625. . . . [characterised by the hook]

13/627. . . . [characterised by the loop]

13/64. . . . Straps, belts, ties or endless bands ((A61F 13/5605, A61F 13/5622), A61F 13/66 take precedence)

13/66. . . . Garments, holders or supports not integral with absorbent pads

13/665. . . . [Means specific for supporting or fastening sanitary towels; and sanitary towels]

13/68. . . . abdominal enclosing type

13/70. . . . with openable or removable crotch portion

13/72. . . . with endless waist encircling band, e.g. panty type

13/74. . . . having means to retain absorbent pads

13/76. . . . transverse to width of the pads or fastener elements, e.g. straps, end flaps or tucks

13/78. . . . Button or snap fastener elements

13/80. . . . adjustable relative to body crotch area

13/82. . . . with means for attaching to the body

13/84. . . . Accessories, not otherwise provided for, for absorbent pads

2013/8402. . . . [including disposal means (A61F 13/5512, A61F 13/5515, A61F 13/5516, A61F 13/5518 take precedence)]

2013/8405. . . . [Additives, e.g. for odour, disinfectant or pH control]

13/8408. . . . [with odour control]

2013/8411. . . . [in controlling solution pH]

2013/8414. . . . [with anti-microbial]

2013/8417. . . . [being anti-mycosis]

2013/842. . . . [with active charcoal]

2013/8423. . . . [with molecular sieves; zeolites]

2013/8426. . . . [with metallic salts]

2013/8429. . . . [with ion exchange resins]

2013/8432. . . . [with glycine polylol]

2013/8435. . . . [with plant derivatives]

2013/8438. . . . [being enzymes, e.g. proteolysis, cellulase]

2013/8441. . . . [being cultures]

2013/8444. . . . [being microbial, e.g. bulgaricus]

2013/8447. . . . [in using different incompatible substances]

2013/845. . . . [being powder embodied in a polymeric matrix]

2013/8452. . . . [being contained in microcapsules]

2013/8455. . . . [being lubricants]

2013/8458. . . . [having bees-wax]

2013/8461. . . . [having petroleum derivative]

2013/8464. . . . [having plant derivative]

2013/8467. . . . [being antistatic agents]

2013/847. . . . [being infrared absorbing agent]

2013/8473. . . . [for diagnostic purposes]

2013/8476. . . . [with various devices or method]

2013/8479. . . . [including electric or magnetic devices]

2013/8482. . . . [including numeric control, e.g. using computer]

2013/8485. . . . [including optical filtering devices]

2013/8488. . . . [including testing apparatus]

2013/8491. . . . [including test methods]

2013/8494. . . . [including pumping devices]

2013/8497. . . . [having decorations or indicia means]

15/00 Auxiliary appliances for wound dressings; Dispensing containers for dressings or bandages; ((packaging of absorbent articles such as diapers, feminine hygiene absorbing pads or tampons A61F 13/551; packaging of wound dressings A61F 13/0072))

15/001. . . . [Packages or dispensers for bandages, cotton balls, drapes, dressings, gauze, gowns, sheets, sponges, swabsticks or towels (A61F 15/007 takes precedence)]

15/002. . . . [dispensers for web or tape like bandages]

15/003. . . . [dispensers for cutaneous tampons]

15/004. . . . [Bandage protectors]

15/005. . . . [Bandage applicators]

15/006. . . . [Bandage fasteners]

15/007. . . . [Bandage winders]

15/008. . . . [Appliances for wound protecting, e.g. avoiding contact between wound and bandage (corn plasters A61F 13/063)]
Bandages, dressings or absorbent pads; First-aid kits

First-aid kits

Prostheses; Accessories

Fixations or connections for prostheses classified in groups A61F 2/00 - A61F 2/26 or A61F 2/82 or A61F 9/00 or A61F 11/00 or subgroups thereof

Fixation appliances for connecting prostheses to the body

with sharp anchoring protrusions, e.g. barbs, pins, spikes

Connections or couplings between prosthetic parts, e.g. between modular parts; Connecting elements

made by longitudinally pushing a protrusion into a complementary-shaped recess, e.g. held by friction fit

using additional screws, bolts, dowels or rivets, e.g. connecting screws

using adhesives

soldered or brazed or welded

stapled

sutured, ligatured or stitched, retained or tied with a rope, string, thread, wire or cable

using hook and loop-type fasteners

Geometry of prostheses classified in groups A61F 2/00 - A61F 2/26 or A61F 2/82 or A61F 9/00 or A61F 11/00 or subgroups thereof

Two-dimensional shapes, e.g. cross-sections

Rounded shapes, e.g. with rounded corners

circular

elliptical or oval

Figure-8-shaped, e.g. hourglass-shaped

Horseshoe-shaped, e.g. crescent-shaped, C-shaped, U-shaped

Kidney-shaped, e.g. bean-shaped

Angular shapes

rectangular

square

triangular

trapezoidal

Shapes in the form of latin or greek characters

Alpha-shaped

B-shaped

D-shaped

E-shaped, e.g. epsilon-shaped

H-shaped

J-shaped

L-shaped

Omega-shaped

Pi-shaped

Rosette-shaped, e.g. star-shaped

T-shaped

V-shaped

W-shaped, e.g. M-shaped, sigma-shaped

X-shaped

Y-shaped

Three-dimensional shapes

toroidal, e.g. ring-shaped, doughnut-shaped

conical

cylindrical

spherical

Quadrac-shaped

ellipsoidal or ovoid

hyperboloidal

paraboloidal

paraboloidal

parallelepipedal

cubical

Pyramidal, tetrahedral, or wedge-shaped

tetrahedral, i.e. having a triangular basis

helically-coiled or spirally-coiled, i.e. having a 2-D spiral cross-section

Umbrella-shaped, e.g. mushroom-shaped

Saddle-shaped

Harpoon-shaped

Manufacturing or designing of prostheses classified in groups A61F 2/00 - A61F 2/26 or A61F 2/82 or A61F 9/00 or A61F 11/00 or subgroups thereof

Designing or manufacturing processes

Designing or making customized prostheses

Using a positive or negative model, e.g. moulds

Templates

 Dummy prostheses

Filters: Devices providing patency to tubular structures;

Prostheses; Accessories

Particular material properties of prostheses classified in groups A61F 2/00 - A61F 2/26 or A61F 2/82 or A61F 9/00 or A61F 11/00 or subgroups thereof

bioabsorbable

using materials or accessories for preventing galvanic or electrolytic corrosion

using shape memory or superelastic materials, e.g. nitinol

operated at only one temperature whilst inside or touching the human body, e.g. constrained in a non-operative shape during surgery, another temperature only occurring before the operation

operated at different temperatures whilst inside or touching the human body, heated or cooled by external energy source or cold supply

cooled

electrically, e.g. heated by resistor

electromagnetically

using a fluid, e.g. circulating

heated by light

ultrasonically

stretchable

swellable

shrinkable

thermoplastic

multilayered, e.g. laminated structures

Phase change materials [PCM], e.g. for storing latent heat

hardenable in situ, e.g. epoxy resins

magnetic

radioactive

A61F 40
Filters; Devices providing patency to tubular structures; Prostheses; Accessories

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

Special features of prostheses classified in groups A61F 2/28 or A61F 2/44 or being constructed from or coated with a particular material

Means for testing implantable prostheses

Means for transferring electromagnetic energy to implants

for data transfer

having an inflatable pocket filled with fluid, e.g. liquid or gas

adjustable

for adjusting angular orientation

for adjusting length

for adjusting a position by translation along an axis or two perpendicular axes

for adjusting thickness

for adjusting a diameter

for adjusting elasticity, flexibility, spring rate or mechanical tension

for adjusting fluid pressure

having different values of a given property or geometrical feature, e.g. mechanical property or material property, at different locations within the same prosthesis

differing in density or specific weight

differing in yarn density

differing in elasticity, stiffness or compressibility

differing in hardness, e.g. Vickers, Shore, Brinell

differing in moment of inertia

differing in coefficient of friction

differing in porosity

made from both porous and non-porous parts, e.g. adjacent parts

differing in roughness

differing in surface structures

differing in fibre orientations

differing in bending or flexure capacity

differing in adsorption or resorbability, i.e. in adsorption or resorption time

made from both resorbable and non-resorbable prosthetic parts, e.g. adjacent parts

differing in radiographic density

differing in viscosity

differing in release or diffusion time

differing in thickness

differing in height or in length

differing in diameter

differing in coefficient of thermal expansion, e.g. dilation, dilatation

differing in wear resistance

differing in shape-memory transition temperatures, e.g. in martensitic transition temperature, in austenitic transition temperature

differing in electric properties, e.g. in electrical conductivity, in galvanic properties

differing in electromagnetical properties

differing in melting temperature

differing in thermal conductivity

differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability

differing in colour

differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts

differing in bone ingrowth capacity

differing in optical properties

differing in corrosion resistance

differing in wettability, e.g. in hydrophilic or hydrophobic behaviours

made from both cured and uncured parts

Additional features; Implant or prostheses properties not otherwise provided for

temporary

modular

Kits of prosthetic parts to be assembled in various combinations for forming different prostheses

 Nested prosthetic parts

Sets comprising a plurality of prosthetic parts of different sizes

telescopic

Means for introducing or releasing pharmaceutical products into the body

the pharmaceutical product being in a reservoir

Sealing means

O-rings

breakable or frangible

Force-limiting means

Torque-limiting means

Sound-damping or noise-reducing means

waterproof

Gender-specific, e.g. different for male and female patients

Means for preventing the accidental forgetting of prosthetic parts inside the body during operation

Alarm means

Prosthesis for animals

specially designed for children, e.g. having means for preventing the accidental forgetting of prosthetic parts inside the body during operation

Identification means; Administration of patients

with bar code

colour-coded

coded with symbols, e.g. dots, numbers, letters, words

for single use, e.g. having means for preventing re-use

transparent or translucent

Means for cleaning prostheses

Ultrasound system, e.g. for inducing coagulation during eye surgery

with high intensity focused ultrasound

Markers and sensors for detecting a position or changes of a position of an implant, e.g. RF sensors, ultrasound markers

Visible markings, e.g. indicia

radio-opaque, e.g. radio-opaque markers

The prosthesis being constructed from a particular material

Prostheses classified in A61F 2/28 or A61F 2/44 being constructed from or coated with a particular material
CPC - 2019.08

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

2310/00011 . . . Metals or alloys
2310/00017 . . . Iron- or Fe-based alloys, e.g. stainless steel
2310/00023 . . . Titanium or titanium-based alloys, e.g. Ti-Ni alloys
2310/00029 . . . Cobalt-based alloys, e.g. Co-Cr alloys or Vitallium
2310/00035 . . . Other metals or alloys
2310/00041 . . . Magnesium or Mg-based alloys
2310/00047 . . . Aluminium or Al-based alloys
2310/00053 . . . Vanadium or V-based alloys
2310/00059 . . . Chromium or Cr-based alloys
2310/00065 . . . Manganese or Mn-based alloys
2310/00071 . . . Nickel or Ni-based alloys
2310/00077 . . . Copper or Cu-based alloys
2310/00083 . . . Zinc or Zn-based alloys
2310/00089 . . . Zirconium or Zr-based alloys
2310/00095 . . . Niobium or Nb-based alloys
2310/00101 . . . Molybdenum or Mo-based alloys
2310/00107 . . . Palladium or Pd-based alloys
2310/00113 . . . Silver or Ag-based alloys
2310/00119 . . . Tin or Sn-based alloys
2310/00125 . . . Hafnium or Hf-based alloys
2310/00131 . . . Tantalum or Ta-based alloys
2310/00137 . . . Tungsten or W-based alloys
2310/00143 . . . Iridium or Ir-based alloys
2310/00149 . . . Platinum or Pt-based alloys
2310/00155 . . . Gold or Au-based alloys
2310/00161 . . . Carbon; Graphite
2310/00167 . . . Diamond or diamond-like carbon
2310/00173 . . . Graphite
2310/00179 . . . Ceramics or ceramic-like structures
2310/00185 . . . based on metal oxides
2310/00191 . . . containing beryllium oxide
2310/00197 . . . containing magnesia or magnesium oxide
2310/00203 . . . containing alumina or aluminium oxide
2310/00209 . . . Corundum or Sapphire
2310/00215 . . . containing silica or silicon oxide
2310/00221 . . . containing calcia or calcium oxide
2310/00227 . . . containing titania or titanium oxide
2310/00233 . . . containing chromia or chromium oxides CrO, CrO₂, or CrO₃
2310/00239 . . . containing zirconia or zirconium oxide ZrO₂
2310/00245 . . . containing niobium oxide
2310/00251 . . . containing hafnia or hafnium oxide
2310/00257 . . . containing tantalum oxide
2310/00263 . . . based on metal borides
2310/00269 . . . based on metal carbides
2310/00275 . . . containing boron carbide
2310/00281 . . . containing silicon carbide
2310/00287 . . . containing titanium carbide
2310/00293 . . . containing a phosphorus-containing compound, e.g. apatite
2310/00299 . . . based on metal nitrides
2310/00305 . . . containing boron nitride
2310/00311 . . . containing aluminium nitride
2310/00317 . . . containing silicon nitride
2310/00323 . . . containing titanium nitride
2310/00329 . . . Glasses, e.g. bioglass
2310/00335 . . . Porcelain
2310/00341 . . . Coral, e.g. aragonite, porite
2310/00347 . . . Nacre or mother-of-pearl

2310/00353 . . . Bone cement, e.g. polymethylmethacrylate or PMMA
2310/00359 . . . Bone or bony tissue
2310/00365 . . . Proteins; Polypeptides; Degradation products thereof
2310/00371 . . . Collagen
2310/00377 . . . Fibrin
2310/00383 . . . Gelatin
2310/00389 . . . The prosthesis being coated or covered with a particular material
2310/00395 . . . Coating or prosthesis-covering structure made of metals or of alloys
2310/00401 . . . Coating made of iron, of stainless steel or of other Fe-based alloys
2310/00407 . . . Coating made of titanium or of Ti-based alloys
2310/00413 . . . Coating made of cobalt or of Co-based alloys
2310/00419 . . . Other metals
2310/00425 . . . Coating made of magnesium or of Mg-based alloys
2310/00431 . . . Coating made of aluminium or of Al-based alloys
2310/00437 . . . Coating made of silicon or Si-based alloys
2310/00443 . . . Coating made of vanadium or of V-based alloys
2310/00449 . . . Coating made of chromium or Cr-based alloys
2310/00455 . . . Coating made of manganese Mn-based alloys
2310/00461 . . . Coating made of nickel or Ni-based alloys
2310/00467 . . . Coating made of copper or Cu-based alloys
2310/00473 . . . Coating made of zinc or Zn-based alloys
2310/00479 . . . Coating made of germanium or Ge-based alloys
2310/00485 . . . Coating made of zirconium or Zr-based alloys
2310/00491 . . . Coating made of niobium or Nb-based alloys
2310/00497 . . . Coating made of molybdenum or Mo-based alloys
2310/00502 . . . Coating made of ruthenium or Ru-based alloys
2310/00508 . . . Coating made of rhodium or Rh-based alloys
2310/00514 . . . Coating made of palladium or Pd-based alloys
2310/00520 . . . Coating made of silver or Ag-based alloys
2310/00526 . . . Coating made of indium or In-based alloys
2310/00532 . . . Coating made of tin or Sn-based alloys
2310/00538 . . . Coating made of hafnium or Hf-based alloys
2310/00544 . . . Coating made of tantalam or Ta-based alloys
2310/00550 . . . Coating made of tungsten or W-based alloys
2310/00556 . . . Coating made of iridium or Ir-based alloys
2310/00562 . . . Coating made of platinum or Pt-based alloys
2310/00568 . . . Coating made of gold or Au-based alloys
2310/00574 . . . Coating or prosthesis-covering structure made of carbon, e.g. of pyrocarbon
2310/00580 . . . Coating made of diamond or of diamond-like carbon DLC
2310/00586 . . . Coating made of graphite
2310/00592 . . . Coating or prosthesis-covering structure made of ceramics or of ceramic-like compounds
2310/00598 . . . Coating or prosthesis-covering structure made of compounds based on metal oxides or hydroxides
2310/00604 . . . Coating made of aluminium oxide or hydroxides

CPC - 2019.08
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2310/0061</td>
<td>Coating made of silicon oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00616</td>
<td>Coating made of titanium oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00622</td>
<td>Coating made of chromium oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00628</td>
<td>Coating made of cobalt oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00634</td>
<td>Coating made of zirconium oxide or hydroxides</td>
</tr>
<tr>
<td>2310/0064</td>
<td>Coating made of niobium oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00646</td>
<td>Coating made of molybdenum oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00652</td>
<td>Coating made of hafnium oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00658</td>
<td>Coating made of tantalum oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00664</td>
<td>Coating made of tungsten oxide or hydroxides</td>
</tr>
<tr>
<td>2310/00667</td>
<td>Coating or prosthesis-covering structure made of compounds based on metal borides</td>
</tr>
<tr>
<td>2310/00676</td>
<td>Coating made of aluminium boride</td>
</tr>
<tr>
<td>2310/00682</td>
<td>Coating made of titanium boride</td>
</tr>
<tr>
<td>2310/00688</td>
<td>Coating made of vanadium boride</td>
</tr>
<tr>
<td>2310/00694</td>
<td>Coating made of chromium boride</td>
</tr>
<tr>
<td>2310/007</td>
<td>Coating made of cobalt boride</td>
</tr>
<tr>
<td>2310/00706</td>
<td>Coating made of zirconium boride</td>
</tr>
<tr>
<td>2310/00712</td>
<td>Coating made of molybdenum boride</td>
</tr>
<tr>
<td>2310/00718</td>
<td>Coating made of lanthanum boride</td>
</tr>
<tr>
<td>2310/00724</td>
<td>Coating made of tungsten boride</td>
</tr>
<tr>
<td>2310/0073</td>
<td>Coating or prosthesis-covering structure made of compounds based on metal carbides</td>
</tr>
<tr>
<td>2310/00736</td>
<td>Coating made of boron carbide</td>
</tr>
<tr>
<td>2310/00742</td>
<td>Coating made of silicon carbide</td>
</tr>
<tr>
<td>2310/00748</td>
<td>Coating made of titanium carbide</td>
</tr>
<tr>
<td>2310/00754</td>
<td>Coating made of chromium carbide</td>
</tr>
<tr>
<td>2310/0076</td>
<td>Coating made of nickel carbide</td>
</tr>
<tr>
<td>2310/00766</td>
<td>Coating made of zirconium carbide</td>
</tr>
<tr>
<td>2310/00772</td>
<td>Coating made of niobium carbide</td>
</tr>
<tr>
<td>2310/00778</td>
<td>Coating made of hafnium carbide</td>
</tr>
<tr>
<td>2310/00784</td>
<td>Coating made of tantalum carbide</td>
</tr>
<tr>
<td>2310/0079</td>
<td>Coating made of tungsten carbide</td>
</tr>
<tr>
<td>2310/00796</td>
<td>Coating or prosthesis-covering structure made of a phosphorus-containing compound, e.g. hydroxyapatite</td>
</tr>
<tr>
<td>2310/00802</td>
<td>Coating or prosthesis-covering structure made of compounds based on metal hydrides</td>
</tr>
<tr>
<td>2310/00808</td>
<td>Coating made of titanium hydride</td>
</tr>
<tr>
<td>2310/00814</td>
<td>Coating made of vanadium hydride</td>
</tr>
<tr>
<td>2310/0082</td>
<td>Coating made of chromium hydride</td>
</tr>
<tr>
<td>2310/00826</td>
<td>Coating made of zirconium hydride</td>
</tr>
<tr>
<td>2310/00832</td>
<td>Coating made of niobium hydride</td>
</tr>
<tr>
<td>2310/00838</td>
<td>Coating made of hafnium hydride</td>
</tr>
<tr>
<td>2310/00844</td>
<td>Coating made of tantalum hydride</td>
</tr>
<tr>
<td>2310/0085</td>
<td>Coating or prosthesis-covering structure made of compounds based on metal chlorides</td>
</tr>
<tr>
<td>2310/00856</td>
<td>Coating or prosthesis-covering structure made of compounds based on metal nitrides</td>
</tr>
<tr>
<td>2310/00862</td>
<td>Coating made of boron nitride</td>
</tr>
<tr>
<td>2310/00868</td>
<td>Coating made of aluminium nitride</td>
</tr>
<tr>
<td>2310/00874</td>
<td>Coating made of silicon nitride</td>
</tr>
<tr>
<td>2310/0088</td>
<td>Coating made of titanium nitride</td>
</tr>
<tr>
<td>2310/00886</td>
<td>Coating made of chromium nitride</td>
</tr>
<tr>
<td>2310/00892</td>
<td>Coating made of zirconium nitride</td>
</tr>
</tbody>
</table>