

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### HEALTH; AMUSEMENT

#### A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

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

#### WARNINGS

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

<a href="#">A61F 2/48</a>	covered by	<a href="#">A61F 2/02</a>
<a href="#">A61F 2/56</a>	covered by	<a href="#">A61F 2/54</a>
<a href="#">A61F 2/62</a>	covered by	<a href="#">A61F 2/60</a>
<a href="#">A61F 2/74</a>	covered by	<a href="#">A61F 2/68</a>
<a href="#">A61F 5/045</a>	covered by	<a href="#">A61G 13/12</a>
<a href="#">A61F 5/052</a>	covered by	<a href="#">A61F 5/05</a>
<a href="#">A61F 5/447</a>	covered by	<a href="#">A61F 5/445</a>
<a href="#">A61F 5/452</a>	covered by	<a href="#">A61F 5/451</a>
<a href="#">A61F 5/457</a>	covered by	<a href="#">A61F 5/451</a>
<a href="#">A61F 5/458</a>	covered by	<a href="#">A61F 5/451</a>
<a href="#">A61F 6/10</a>	covered by	<a href="#">A61F 6/08</a>
<a href="#">A61F 9/01</a>	covered by	<a href="#">A61F 9/00802</a> - <a href="#">A61F 9/00825</a>
<a href="#">A61F 9/011</a>	covered by	<a href="#">A61F 9/00802</a> - <a href="#">A61F 9/00825</a>
<a href="#">A61F 13/22</a>	covered by	<a href="#">A61F 13/206</a>
<a href="#">A61F 13/24</a>	covered by	<a href="#">A61F 13/2037</a>
<a href="#">A61F 13/30</a>	covered by	<a href="#">A61F 13/26</a>
<a href="#">A61F 13/32</a>	covered by	<a href="#">A61F 13/26</a>
<a href="#">A61F 13/40</a>	covered by	<a href="#">A61M 35/006</a>

- 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

<b>2/00</b>	<b>Filters implantable into blood vessels; Prostheses, i.e. artificial substitutes or replacements for parts of the body; Appliances for connecting them with the body; Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents (as cosmetic articles, <a href="#">see the relevant subclasses, e.g. wigs, hair pieces, A41G 3/00, A41G 5/00, artificial nails A45D 31/00; dental prostheses A61C 13/00; materials for prostheses A61L 27/00; artificial hearts A61M 1/10; artificial kidneys A61M 1/14</a>)</b>	2/0018	. . . {magnetic}
		2/0022	. . {placed deep in the body opening (occluding blood vessels by internal devices <a href="#">A61B 17/12022</a> )}
		2/0027	. . . {inflatable}
		2/0031	. . {for constricting the lumen; Support slings for the urethra}
		2/0036	. . . {implantable ( <a href="#">A61F 2/0018</a> 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}
2/0004	. {Closure means for urethra or rectum, i.e. anti-incontinence devices or support slings against pelvic prolapse}	2/0059	. {Cosmetic or alloplastic implants ( <a href="#">A61F 2/10</a> - <a href="#">A61F 2/16</a> , <a href="#">A61F 2/28</a> take precedence)}
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 <a href="#">A61B 17/0057</a> )}	2/0063	. {Implantable repair or support meshes, e.g. hernia meshes}
2/0013	. . . {inflatable}	2002/0068	. . {having a special mesh pattern}
		2002/0072	. . {Delivery tools therefor}

- 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 2002/3093](#))}
- 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}
- WARNING**
- Group [A61F 2002/0091](#) is incomplete pending reclassification of documents from groups [A61F 2002/009](#).
- Groups [A61F 2002/009](#) and [A61F 2002/0091](#) should be considered in order to perform a complete search.
- 2/0095 . {Packages or dispensers for prostheses or other implants (for intraocular 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 2/0004](#))}
- 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 . . . {Implements for inserting tendons or ligaments}
- 2/0811 . . . {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 barbs, 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, keratoprotheses or corneal implants for repair of defective corneal tissue}

2/145	. . . {Corneal inlays, onlays, or lenses for refractive correction}	2/1621	. . . . . {enabling correction for monovision}
	<b><u>WARNING</u></b>	2/1624	. . . . . {having adjustable focus; power activated variable focus means, e.g. mechanically or electrically by the ciliary muscle or from the outside}
	Group <a href="#">A61F 2/145</a> is impacted by reclassification into groups <a href="#">A61F 2/1451</a> and <a href="#">A61F 2/1453</a> .	2/1627	. . . . . {for changing index of refraction, e.g. by external means or by tilting}
	Groups <a href="#">A61F 2/145</a> , <a href="#">A61F 2/1451</a> , and <a href="#">A61F 2/1453</a> should be considered in order to perform a complete search.	2/1629	. . . . . {for changing longitudinal position, i.e. along the visual axis when implanted}
2/1451	. . . . {Inlays or onlays}	2/1632	. . . . . {for changing radial position, i.e. perpendicularly to the visual axis when implanted}
2/1453	. . . . {Corneal lenses connected to distinct attachment means}	2/1635	. . . . . {for changing shape}
2/147	. . . {Implants to be inserted in the stroma for refractive correction, e.g. ring-like implants}	2/1637	. . . . . {Correcting aberrations caused by inhomogeneities; correcting intrinsic aberrations, e.g. of the cornea, of the surface of the natural lens, aspheric, cylindrical, toric lenses}
2/148	. . . {Implantation instruments specially adapted therefor}	2/164	. . . . . {Aspheric lenses}
2/15	. . . {Implant having one or more holes, e.g. for nutrient transport, for facilitating handling}	2/1643	. . . . . {Cylindrical lenses}
	<b><u>WARNING</u></b>	2/1645	. . . . . {Toric lenses}
	Group <a href="#">A61F 2/15</a> is incomplete pending reclassification of documents from group <a href="#">A61F 2/14</a> .	2/1648	. . . . . {Multipart lenses}
	Groups <a href="#">A61F 2/14</a> and <a href="#">A61F 2/15</a> should be considered in order to perform a complete search.	2/1651	. . . . . {Multipart lenses comprising a telescope}
2/16	. . . Intraocular lenses	2/1654	. . . . . {Diffractive lenses}
	<b><u>WARNING</u></b>	2/1656	. . . . . {Fresnel lenses, prisms or plates}
	Group <a href="#">A61F 2/16</a> is impacted by reclassification into groups <a href="#">A61F 2/1601</a> , <a href="#">A61F 2/16015</a> , <a href="#">A61F 2002/1696</a> , and <a href="#">A61F 2002/16965</a> .	2/1659	. . . . . {having variable absorption coefficient for electromagnetic radiation, e.g. photochromic lenses}
	All groups listed should be considered in order to perform a complete search.	2/1662	. . . . {Instruments for inserting intraocular lenses into the eye}
2/1601	. . . . {Lens body having features to facilitate aqueous fluid flow across the intraocular lens, e.g. for pressure equalization or nutrient delivery}	2/1664	. . . . . {for manual insertion during surgery, e.g. forceps-like instruments}
2/16015	. . . . {Lens having spacers for providing a gap between the posterior capsule and a posterior surface of the intraocular lens}	2/1667	. . . . . {with rotatable plungers}
2/1602	. . . . {Corrective lenses for use in addition to the natural lenses of the eyes or for pseudo-phakic eyes}	2/167	. . . . . {with pushable plungers}
2/1605	. . . . . {Anterior chamber lenses for use in addition to the natural lenses of the eyes, e.g. iris fixated, iris floating}	2/1672	. . . . . {with a two-stage plunger, e.g. rotatable and pushable or rotatable at different speeds}
2/1608	. . . . . {Iris fixated, e.g. by clamping iris tissue, by suturing to the iris}	2/1675	. . . . . {with a lubricated inner surface, e.g. the lubricant being coated on the inner surface or being injected through a port}
2/161	. . . . . {Posterior chamber lenses for use in addition to the natural lenses of the eyes}	2/1678	. . . . . {with a separate cartridge or other lens setting part for storage of a lens, e.g. preloadable for shipping}
2/1613	. . . . {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}	2002/1681	. . . . {having supporting structure for lens, e.g. haptics}
2/1616	. . . . . {Pseudo-accommodative, e.g. multifocal or enabling monovision}		<b><u>WARNING</u></b>
2/1618	. . . . . {Multifocal lenses}		Group <a href="#">A61F 2002/1681</a> is impacted by reclassification into groups <a href="#">A61F 2002/1682</a> , <a href="#">A61F 2002/169</a> , <a href="#">A61F 2002/16901</a> , <a href="#">A61F 2002/16902</a> , <a href="#">A61F 2002/16903</a> , <a href="#">A61F 2002/16905</a> , <a href="#">A61F 2002/169051</a> , <a href="#">A61F 2002/169052</a> , and <a href="#">A61F 2002/169053</a> .
			All groups listed should be considered in order to perform a complete search.
		2002/1682	. . . . . {having mechanical force transfer mechanism to the lens, e.g. for accommodating lenses}
		2002/1683	. . . . . {having filiform haptics}
		2002/1686	. . . . . {Securing a filiform haptic to a lens body}
		2002/1689	. . . . . {having plate-haptics}

2002/169	. . . . .	{Surrounding optic}	2/2445	. . . . .	{Annuloplasty rings in direct contact with the valve annulus}
2002/16901	. . . . .	{Supporting structure conforms to shape of capsular bag}	2/2448	. . . . .	{D-shaped rings}
2002/16902	. . . . .	{Separable from intraocular lens}	2/2451	. . . . .	{Inserts in the coronary sinus for correcting the valve shape}
2002/16903	. . . . .	{Having means to temporarily stabilize haptic}	2/2454	. . . . .	{Means for preventing inversion of the valve leaflets, e.g. chordae tendineae prostheses}
2002/16905	. . . . .	{Having means on lens to reduce overall dimension of lens for insertion into small incision}	2/2457	. . . . .	{Chordae tendineae prostheses}
2002/169051	. . . . .	{Segmented zones}	2/246	. . . . .	{Devices for obstructing a leak through a native valve in a closed condition}
2002/169052	. . . . .	{Segments slide}	2/2463	. . . . .	{Implants forming part of the valve leaflets}
2002/169053	. . . . .	{Segments fold}	2/2466	. . . . .	{Delivery devices therefor}
2/1691	. . . . .	{Packages or dispensers for intraocular lenses (for contact lenses <a href="#">A45C 11/005</a> )}	2/2469	. . . . .	{with resilient valve members, e.g. conical spiral}
2/1694	. . . . .	{Capsular bag spreaders therefor}	2/2472	. . . . .	{Devices for testing}
2002/1696	. . . . .	{Having structure for blocking or reducing amount of light transmitted, e.g. glare reduction}	2/2475	. . . . .	{Venous valves}
2002/16965	. . . . .	{Lens includes ultraviolet absorber}	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}
2002/1699	. . . . .	{Additional features not otherwise provided for}	2/2481	. . . . .	{Devices outside the heart wall, e.g. bags, strips or bands}
2/18	. . . . .	Internal ear or nose parts, e.g. ear-drums {implants for middle ear ventilation or drainage <a href="#">A61F 11/002</a> }	2002/2484	. . . . .	{Delivery devices therefor}
2002/183	. . . . .	{Ear parts}	2/2487	. . . . .	{Devices within the heart chamber, e.g. splints}
2/186	. . . . .	{Nose parts}	2002/249	. . . . .	{Device completely embedded in the heart wall}
2/20	. . . . .	{Epiglottis}; Larynxes; Tracheae combined with larynxes or for use therewith (tracheae, bronchi per se <a href="#">A61F 2/04</a> {; tracheostomy tubes <a href="#">A61M 16/0465</a> })	2/2493	. . . . .	{Transmyocardial revascularisation [TMR] devices}
2/203	. . . . .	{comprising an air passage from trachea to oesophagus or to pharynx; Artificial epiglottis}	2/2496	. . . . .	{Devices for determining the dimensions of the prosthetic valve to be implanted, e.g. templates, sizers}
2002/206	. . . . .	{Speech aids with external actuators, e.g. electrical larynxes}	2/26	. . . . .	Penis implants
2/24	. . . . .	Heart valves {; Vascular valves, e.g. venous valves; Heart implants, e.g. passive devices for improving the function of the native valve or the heart muscle; Transmyocardial revascularisation [TMR] devices}	2/28	. . . . .	Bones ({ <a href="#">A61F 2/42</a> takes precedence}; joints <a href="#">A61F 2/30</a> {; means for introducing bone substitute or for implanting bone graft implants <a href="#">A61F 2/4601</a> ; devices for grinding or milling bone material <a href="#">A61F 2/4644</a> })
2/2403	. . . . .	{with pivoting rigid closure members (check valves with hinged closure members in general <a href="#">F16K 15/03</a> )}	2/2803	. . . . .	{for mandibular reconstruction (temporo-mandibular joints <a href="#">A61F 2/3099</a> ; bone plates for the jaw <a href="#">A61B 17/8071</a> )}
2/2406	. . . . .	{without fixed axis}	2002/2807	. . . . .	{Chin implants}
2/2409	. . . . .	{Support rings therefor, e.g. for connecting valves to tissue (annuloplasty rings <a href="#">A61F 2/2442</a> )}	2002/281	. . . . .	{Gonial implants}
2/2412	. . . . .	{with soft flexible valve members, e.g. tissue valves shaped like natural valves (check valves with flexible valve members in general <a href="#">F16K 15/14</a> )}	2/2814	. . . . .	{Bone stump caps}
2/2415	. . . . .	{Manufacturing methods}	2002/2817	. . . . .	{Bone stimulation by chemical reactions or by osteogenic or biological products for enhancing ossification, e.g. by bone morphogenetic or morphogenic proteins [BMP] or by transforming growth factors [TGF]}
2/2418	. . . . .	{Scaffolds therefor, e.g. support stents}	2002/2821	. . . . .	{Bone stimulation by electromagnetic fields or electric current for enhancing ossification}
2/2421	. . . . .	{with non-pivoting rigid closure members}	2002/2825	. . . . .	{Femur}
2/2424	. . . . .	{Ball valves}	2002/2828	. . . . .	{Femoral head}
2/2427	. . . . .	{Devices for manipulating or deploying heart valves during implantation}	2002/2832	. . . . .	{Femoral neck}
2/243	. . . . .	{Deployment by mechanical expansion}	2002/2835	. . . . .	{Bone graft implants for filling a bony defect or an endoprosthesis cavity}
2/2433	. . . . .	{using balloon catheter}	2002/2839	. . . . .	{Bone plugs or bone graft dowels}
2/2436	. . . . .	{Deployment by retracting a sheath}	2002/2842	. . . . .	{Bone marrow grafts}
2/2439	. . . . .	{Expansion controlled by filaments}	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 <a href="#">A61F 2/30907</a> ; bone plates <a href="#">A61B 17/80</a> ; bone regeneration in dental surgery <a href="#">A61C 8/0006</a> )}
2/2442	. . . . .	{Annuloplasty rings or inserts for correcting the valve shape; Implants for improving the function of a native heart valve}			



2002/285	. . . .	{Fixation appliances for attaching bone substitute support means to underlying bone}	2002/30039	. . . . .	{differing in shape-memory transition temperatures, e.g. in martensitic transition temperature or in austenitic transition temperature}
2002/2853	. . .	{Humerus}	2002/30041	. . . . .	{differing in hardening time}
2/2857	. . .	{for cadavers (devices for autopsy <a href="#">A61B 16/00</a> )}	2002/30042	. . . . .	{made from both cured and uncured parts}
2002/286	. . .	{Bone stimulation by mechanical vibrations for enhancing ossification}	2002/30044	. . . . .	{differing in melting temperature}
2002/2864	. . . .	{by ultrasonic or acoustic vibrations}	2002/30046	. . . . .	{differing in thermal conductivity}
2002/2867	. . .	{Bone marrow}	2002/30047	. . . . .	{differing in colour}
2002/2871	. . .	{Radius}	2002/30049	. . . . .	{differing in optical properties}
2/2875	. . .	{Skull or cranium ( <a href="#">A61F 2/2803</a> and <a href="#">A61F 2/3099</a> take precedence)}	2002/30051	. . . . .	{differing in corrosion resistance}
2002/2878	. . . .	{for orbital repair}	2002/30052	. . . . .	{differing in electric properties}
2002/2882	. . . .	{Malar or zygomatic implants}	2002/30054	. . . . .	{differing in electromagnetical properties}
2002/2885	. . . .	{Paranasal implants}	2002/30056	. . . . .	{differing in radiographic density}
2002/2889	. . . .	{Maxillary, premaxillary or molar implants}	2002/30057	. . . . .	{made from both cortical and cancellous adjacent parts}
2002/2892	. . .	{Tibia}	2002/30059	. . . . .	{differing in bone mineralization, e.g. made from both mineralized and demineralized adjacent parts}
2002/2896	. . .	{Ulna}	2002/3006	. . . . .	{Properties of materials and coating materials}
2/30	. .	Joints	2002/30062	. . . . .	{(bio)absorbable, biodegradable, bioerodable, (bio)resorbable, resorptive}
2002/30001	. . .	{Additional features of subject-matter classified in <a href="#">A61F 2/28</a> , <a href="#">A61F 2/30</a> and subgroups thereof}	2002/30064	. . . . .	{Coating or prosthesis-covering structure made of biodegradable material}
2002/30003	. . . .	{Material related properties of the prosthesis or of a coating on the prosthesis}	2002/30065	. . . . .	{thermoplastic, i.e. softening or fusing when heated, and hardening and becoming rigid again when cooled}
2002/30004	. . . . .	{The prosthesis made from materials having different values of a given property at different locations within the same prosthesis}	2002/30067	. . . . .	{Coating or prosthesis-covering structure made of thermoplastic material}
2002/30006	. . . . .	{differing in density or specific weight}	2002/30069	. . . . .	{elastomeric}
2002/30008	. . . . .	{differing in yarn density}	2002/3007	. . . . .	{Coating or prosthesis-covering structure made of elastic material, e.g. of elastomer}
2002/30009	. . . . .	{differing in fibre orientations}	2002/30072	. . . . .	{Coating made of plastically deformable or self-moulding material}
2002/30011	. . . . .	{differing in porosity}	2002/30074	. . . . .	{stretchable}
2002/30013	. . . . .	{made from both porous and non-porous parts, e.g. adjacent parts}	2002/30075	. . . . .	{swellable, e.g. when wetted}
2002/30014	. . . . .	{differing in elasticity, stiffness or compressibility}	2002/30077	. . . . .	{shrinkable}
2002/30016	. . . . .	{differing in hardness, e.g. Vickers, Shore, Brinell}	2002/30079	. . . . .	{magnetic}
2002/30018	. . . . .	{differing in bending or flexure capacity}	2002/3008	. . . . .	{radio-opaque, e.g. radio-opaque markers}
2002/30019	. . . . .	{differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability}	2002/30082	. . . . .	{radioactive}
2002/30021	. . . . .	{differing in brittleness}	2002/30084	. . . . .	{Materials having a crystalline structure}
2002/30023	. . . . .	{differing in viscosity}	2002/30085	. . . . .	{anisotropic}
2002/30024	. . . . .	{differing in coefficient of friction}	2002/30087	. . . . .	{piezoelectric}
2002/30026	. . . . .	{differing in wear resistance}	2002/30088	. . . . .	{Phase change materials [PCM], e.g. for storing latent heat}
2002/30028	. . . . .	{differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts}	2002/3009	. . . . .	{Transparent or translucent}
2002/30029	. . . . .	{differing in bone ingrowth capacity}	2002/30092	. . . . .	{using shape memory or superelastic materials, e.g. nitinol}
2002/30031	. . . . .	{differing in wettability, e.g. in hydrophilic or hydrophobic behaviours}	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}
2002/30032	. . . . .	{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 dila(ta)tion}			

2002/30095	{operated at different temperatures whilst inside or touching the human body, heated or cooled by external energy source or cold supply}	2002/30174	{the upper branch of the T being inclined with respect to its main branch}
2002/30097	{cooled}	2002/30176	{V-shaped}
2002/30098	{electrically, e.g. heated by resistor}	2002/30177	{W-shaped, M-shaped or sigma shaped}
2002/301	{electromagnetically}	2002/30179	{X-shaped}
2002/30102	{using a fluid, e.g. circulating}	2002/30181	{Y-shaped}
2002/30103	{heated by light}	2002/30182	{Other shapes}
2002/30105	{ultrasonically}	2002/30184	{Alpha-shaped}
2002/30107	{using materials or accessories for preventing galvanic or electrolytic corrosion}	2002/30186	{B-shaped}
2002/30108	{Shapes}	2002/30187	{D-shaped or half-disc-shaped}
2002/3011	{Cross-sections or two-dimensional shapes}	2002/30189	{E-shaped or epsilon-shaped}
2002/30112	{Rounded shapes, e.g. with rounded corners}	2002/30191	{heart-shaped}
2002/30113	{circular}	2002/30192	{J-shaped}
2002/30115	{circular-O-shaped}	2002/30194	{quarter-disc-shaped}
2002/30116	{partial circles, i.e. circular segments}	2002/30196	{Psi-shaped or fork-shaped}
2002/30118	{concentric circles}	2002/30197	{Omega-shaped}
2002/3012	{intersecting circles}	2002/30199	{Three-dimensional shapes}
2002/30121	{with lobes}	2002/302	{toroidal, e.g. rings}
2002/30123	{with two diametrically opposed lobes}	2002/30202	{half-tores}
2002/30125	{elliptical or oval}	2002/30204	{toric}
2002/30126	{oval-O-shaped}	2002/30205	{conical}
2002/30128	{concentric ellipses}	2002/30207	{Double convex cones, i.e. element having two convex cones, one at each of its opposite ends}
2002/3013	{figure-"8"- or hourglass-shaped}	2002/30209	{Cones of elliptical or oval basis}
2002/30131	{horseshoe- or crescent- or C-shaped or U-shaped}	2002/3021	{frustoconical}
2002/30133	{kidney-shaped or bean-shaped}	2002/30212	{Half-cones}
2002/30135	{S-shaped or Z-shaped}	2002/30214	{having tapered sections of different conicities}
2002/30136	{undulated or wavy, e.g. serpentine-shaped or zigzag-shaped}	2002/30215	{Stepped cones, i.e. having discrete diameter changes}
2002/30138	{Convex polygonal shapes}	2002/30217	{hollow cones, e.g. tubular-like cones}
2002/3014	{decagonal}	2002/30219	{the inner and outer surfaces having different conicities}
2002/30141	{dodecagonal}	2002/3022	{Half tubular-like cones}
2002/30143	{hexagonal}	2002/30222	{concentric tubular-like cones}
2002/30144	{Honeycomb pattern}	2002/30224	{cylindrical}
2002/30146	{octagonal}	2002/30225	{Flat cylinders, i.e. discs}
2002/30148	{lozenge- or diamond-shaped}	2002/30227	{arched, domed or vaulted}
2002/30149	{pentagonal}	2002/30228	{Cylinders of elliptical or oval basis}
2002/30151	{rhomboidal or parallelogram-shaped}	2002/3023	{wedge-shaped cylinders}
2002/30153	{rectangular}	2002/30232	{Half-cylinders}
2002/30154	{square}	2002/30233	{Stepped cylinders, i.e. having discrete diameter changes}
2002/30156	{triangular}	2002/30235	{tubular, e.g. sleeves}
2002/30158	{trapezoidal}	2002/30237	{partial tubes}
2002/30159	{Concave polygonal shapes}	2002/30238	{half tubes}
2002/30161	{arrow-shaped}	2002/3024	{concentric tubes}
2002/30163	{cruciform, different from X-shaped}	2002/30242	{spherical}
2002/30164	{dovetail-shaped}	2002/30243	{the overall spherical surface being composed of a plurality of adjacent circular or polygonal segments, e.g. football-like shaped}
2002/30166	{H-shaped or I-shaped}	2002/30245	{Partial spheres}
2002/30168	{L-shaped}	2002/30247	{Hemispheres or half-spheres}
2002/30169	{Pi-shaped}	2002/30248	{Quarter-spheres}
2002/30171	{rosette- or star-shaped}	2002/3025	{hollow spheres}
2002/30172	{T-shaped}	2002/30252	{quadric-shaped}
		2002/30253	{ellipsoidal or ovoid}

2002/30255	. . . . .	{hyperboloidal}	2002/30329	. . . . .	{Connections or couplings between prosthetic parts, e.g. between modular parts; Connecting elements}
2002/30257	. . . . .	{paraboloidal}	2002/30331	. . . . .	{made by longitudinally pushing a protrusion into a complementarily-shaped recess, e.g. held by friction fit}
2002/30258	. . . . .	{elliptic paraboloid}	2002/30332	. . . . .	{Conically- or frustoconically-shaped protrusion and recess}
2002/3026	. . . . .	{hyperbolic paraboloid}	2002/30334	. . . . .	{Cone of elliptical or oval basis}
2002/30261	. . . . .	{parallelepipedal}	2002/30336	. . . . .	{Stepped cones, i.e. having discrete diameter changes}
2002/30263	. . . . .	{cubical}	2002/30337	. . . . .	{Inverted concave conical connections, e.g. for opposing disconnection}
2002/30265	. . . . .	{Flat parallelepipeds}	2002/30339	. . . . .	{Double cones, i.e. connecting element having two conical connections, one at each of its opposite ends}
2002/30266	. . . . .	{wedge-shaped parallelepipeds}	2002/30341	. . . . .	{both cones being convex, i.e. male tapers}
2002/30268	. . . . .	{Partial parallelepipeds}	2002/30342	. . . . .	{both cones being concave, i.e. female tapers}
2002/3027	. . . . .	{Stepped parallelepipeds}	2002/30344	. . . . .	{one cone being convex and the other being concave}
2002/30271	. . . . .	{hollow parallelepipeds}	2002/30345	. . . . .	{Multiple conical connection, i.e. the protrusion and recess having several tapered sections of different complementary conicities}
2002/30273	. . . . .	{pyramidal}	2002/30347	. . . . .	{Protrusion and recess of complementarily-tapered undulated or serrated cross-section}
2002/30275	. . . . .	{tetrahedral, i.e. having a triangular basis}	2002/30349	. . . . .	{the male and female complementary cones being of different conicities, i.e. for reducing the contact area}
2002/30276	. . . . .	{frustopyramidal}	2002/3035	. . . . .	{the male convex cone having an inner female concave taper}
2002/30278	. . . . .	{hollow pyramids}	2002/30352	. . . . .	{Protrusion and recess of D-shaped cross-section}
2002/3028	. . . . .	{polyhedral different from parallelepipedal and pyramidal}	2002/30354	. . . . .	{Cylindrically-shaped protrusion and recess, e.g. cylinder of circular basis}
2002/30281	. . . . .	{wedge-shaped}	2002/30355	. . . . .	{Cylinder of elliptical or oval basis}
2002/30283	. . . . .	{hollow}	2002/30357	. . . . .	{Stepped cylinders, i.e. having discrete diameter changes}
2002/30285	. . . . .	{rugby-ball-shaped}	2002/30359	. . . . .	{Pyramidally- or frustopyramidally-shaped protrusion and recess}
2002/30286	. . . . .	{barrel-shaped}	2002/3036	. . . . .	{Protrusion and recess of kidney-shaped cross-section}
2002/30288	. . . . .	{bottle-shaped}	2002/30362	. . . . .	{with possibility of relative movement between the protrusion and the recess}
2002/30289	. . . . .	{helically-coiled}	2002/30364	. . . . .	{Rotation about the common longitudinal axis}
2002/30291	. . . . .	{spirally-coiled, i.e. having a 2-D spiral cross-section}	2002/30365	. . . . .	{with additional means for limiting said rotation}
2002/30293	. . . . .	{Cylindrical body made by spirally rolling up a sheet or a strip around itself}	2002/30367	. . . . .	{with additional means for preventing said rotation}
2002/30294	. . . . .	{Conical or frustoconical body made by spirally rolling up a sheet or a strip around itself}	2002/30369	. . . . .	{Limited lateral translation of the protrusion within a larger recess}
2002/30296	. . . . .	{logarithmic spiral}	2002/3037	. . . . .	{Translation along the common longitudinal axis, e.g. piston}
2002/30298	. . . . .	{Parallelepipedal body made by spirally rolling up a sheet or a strip around itself}	2002/30372	. . . . .	{with additional means for limiting said translation}
2002/30299	. . . . .	{umbrella-shaped or mushroom-shaped}			
2002/30301	. . . . .	{saddle-shaped}			
2002/30303	. . . . .	{polypod-shaped}			
2002/30304	. . . . .	{nose-shaped}			
2002/30306	. . . . .	{harpoon-shaped}			
2002/30308	. . . . .	{banana-shaped}			
2002/30309	. . . . .	{hat-shaped}			
2002/30311	. . . . .	{doughnut-shaped}			
2002/30313	. . . . .	{pear-shaped}			
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}			

2002/30373	{with additional means for preventing said translation}	2002/30418	{Double or multiple threadings}
2002/30375	{with an intermediate bushing or sleeve between the moving parts}	2002/3042	{with a pin cooperating with a helical groove}
2002/30377	{Protrusion and recess of constant polygonal, serrated or undulated cross-section}	2002/30421	{Rounded threads}
2002/30378	{Spherically-shaped protrusion and recess}	2002/30423	{Stepped cylindrical threads, i.e. having discrete diameter changes}
2002/3038	{made by pushing a key or a peg into a mating slot or hole}	2002/30425	{Square threads}
2002/30382	{made by pushing lateral pegs into mating lateral slots or bores}	2002/30426	{Bayonet coupling}
2002/30383	{made by laterally inserting a protrusion, e.g. a rib into a complementarily-shaped groove}	2002/30428	{made by inserting a protrusion into a slot}
2002/30385	{the rib and groove having non-parallel, e.g. conically-tapered, cooperating sides, e.g. having a trapezoidal front cross-section}	2002/30429	{made by inserting a hook into a cooperating slot}
2002/30387	{Dovetail connection}	2002/30431	{made by first pushing a necked button longitudinally and then sliding it laterally within a keyhole slot}
2002/30388	{Half-dovetail}	2002/30433	{using additional screws, bolts, dowels or rivets, e.g. connecting screws}
2002/3039	{with possibility of relative movement of the rib within the groove}	2002/30434	{using bolts}
2002/30392	{Rotation}	2002/30436	{using dowels}
2002/30393	{with additional means for limiting said rotation}	2002/30438	{using nuts}
2002/30395	{with additional means for preventing or locking said rotation}	2002/30439	{Screw head protectors}
2002/30397	{Limited lateral translation of the rib within a larger groove}	2002/30441	{using rivets or directly riveted}
2002/30398	{Sliding}	2002/30443	{using washers}
2002/304	{with additional means for limiting said sliding}	2002/30444	{Split washers}
2002/30401	{with additional means for preventing or locking said sliding}	2002/30446	{Spring washers, e.g. Belleville washers}
2002/30403	{Longitudinally-oriented cooperating ribs and grooves on mating lateral surfaces of a mainly longitudinal connection}	2002/30448	{using adhesives}
2002/30405	{made by screwing complementary threads machined on the parts themselves}	2002/30449	{the adhesive being cement}
2002/30406	{Threads machined on spherical, e.g. hemispherical, surfaces}	2002/30451	{soldered or brazed or welded}
2002/30408	{Conical threadings}	2002/30453	{brazed}
2002/3041	{having threaded portions of different pitches}	2002/30454	{by high energy welding, e.g. laser beam welding, electron beam welding, plasma welding}
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}	2002/30456	{by spot welding}
2002/30413	{having threads of increasing height or depth}	2002/30457	{by ultrasonic or sonic welding}
2002/30415	{with additional means for limiting the length of the movement of the male threads within the female threads}	2002/30459	{stapled}
2002/30416	{Microthreads}	2002/30461	{sutured, ligatured or stitched}
		2002/30462	{retained or tied with a rope, string, thread, wire or cable}
		2002/30464	{using bands, belts or straps}
		2002/30466	{being elastic}
		2002/30467	{using hook and loop-type fasteners}
		2002/30469	{using band clamps}
		2002/30471	{connected by a hinged linkage mechanism, e.g. of the single-bar or multi-bar linkage type}
		2002/30472	{using connecting nails or pins}
		2002/30474	{using an intermediate sleeve interposed between both prosthetic parts to be coupled}
		2002/30476	{locked by an additional locking mechanism}
		2002/30477	{using sharp protrusions, e.g. spikes, for anchoring into connecting prosthetic part}
		2002/30479	{using a locking ball}
		2002/30481	{using a locking clip}
		2002/30482	{using a locking cam}
		2002/30484	{Mechanically expandable devices located on the first prosthetic part for locking into or onto the second prosthetic part}
		2002/30485	{plastically deformable}



2002/30487	{Circumferential cooperating grooves and beads on cooperating lateral surfaces of a mainly longitudinal connection}	2002/30548	{for adjusting fluid pressure}
2002/30489	{Circumferential cooperating serrations}	2002/3055	{for adjusting length}
2002/3049	{using a slidable sleeve covering the connection}	2002/30551	{at different discrete positions, e.g. at equidistant intervals}
2002/30492	{using a locking pin}	2002/30553	{for adjusting a position by translation along an axis}
2002/30494	{Cooperating protrusions and recesses, e.g. radial serrations, located on abutting end surfaces of a longitudinal connection}	2002/30555	{along two perpendicular axes}
2002/30495	{using a locking ring}	2002/30556	{for adjusting thickness}
2002/30497	{Split ring, e.g. circlip}	2002/30558	{Force-limiting means}
2002/30499	{Wire ring}	2002/3056	{Torque-limiting means}
2002/305	{Snap connection}	2002/30561	{breakable or frangible}
2002/30502	{Press-buttons}	2002/30563	{having elastic means or damping means, different from springs, e.g. including an elastomeric core or shock absorbers}
2002/30504	{made by laterally snapping a peg or a like protrusion into a mating detent, hole or slot}	2002/30565	{having spring elements}
2002/30505	{spring biased}	2002/30566	{Helical springs}
2002/30507	{using a threaded locking member, e.g. a locking screw or a set screw}	2002/30568	{Multiple spring systems including two or more helical springs}
2002/30509	{using a traction locking screw}	2002/3057	{Concentric outer and inner helical springs}
2002/3051	{using a locking bolt or a set bolt}	2002/30571	{Leaf springs}
2002/30512	{using a locking nut or a set nut}	2002/30573	{2-D spiral springs}
2002/30514	{using a locking washer}	2002/30574	{with an integral complete or partial collar or flange}
2002/30515	{using a locking wedge or block}	2002/30576	{with extending fixation tabs}
2002/30517	{using a locking plate}	2002/30578	{having apertures, e.g. for receiving fixation screws}
2002/30518	{with possibility of relative movement between the prosthetic parts}	2002/30579	{with mechanically expandable devices, e.g. fixation devices}
2002/3052	{unrestrained in only one direction, e.g. moving unidirectionally}	2002/30581	{having a pocket filled with fluid, e.g. liquid}
2002/30522	{releasable, e.g. using a releasable ratchet}	2002/30583	{filled with hardenable fluid, e.g. curable in-situ}
2002/30523	{by means of meshing gear teeth}	2002/30584	{filled with gas}
2002/30525	{Worm gears}	2002/30586	{having two or more inflatable pockets or chambers}
2002/30527	{using a gear box}	2002/30588	{filled with solid particles}
2002/30528	{Means for limiting said movement}	2002/30589	{Sealing means}
2002/3053	{having additional means for preventing unwanted connections}	2002/30591	{O-rings}
2002/30532	{for preventing connection between parts of wrong sizes or orientations}	2002/30593	{hollow}
2002/30533	{for preventing permanent connection between prosthetic parts and trial parts}	2002/30594	{slotted}
2002/30535	{Special structural features of bone or joint prostheses not otherwise provided for}	2002/30596	{slots ending in apertures, e.g. for avoiding stress concentration at the ends of the slots}
2002/30537	{adjustable}	2002/30598	{Plurality of slots}
2002/30538	{for adjusting angular orientation}	2002/30599	{stackable}
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}	2002/30601	{telescopic}
2002/30542	{at continuous positions}	2002/30602	{Shaft made of a bundle of anchoring rods or bristles, e.g. fasciculate shaft}
2002/30543	{at only two discrete angular positions, e.g. located at 180 degrees intervals}	2002/30604	{modular}
2002/30545	{for adjusting a diameter}	2002/30606	{Sets comprising both cemented and non-cemented endoprostheses}
2002/30546	{for adjusting elasticity, flexibility, spring rate or mechanical tension}	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}	2002/30673 . . . . .	{Lubricating means, e.g. synovial pocket}
2002/30617 . . . . .	{Visible markings for adjusting, locating or measuring}	2002/30675 . . . . .	{Means for regulating synovial fluid pressure}
2002/30619 . . . . .	{Wire rings}	2002/30677 . . . . .	{Means for introducing or releasing pharmaceutical products, e.g. antibiotics, into the body}
2002/30621 . . . . .	{Features concerning the anatomical functioning or articulation of the prosthetic joint}	2002/30678 . . . . .	{Gene therapy}
2002/30622 . . . . .	{Implant for fusing a joint or bone material}	2002/3068 . . . . .	{the pharmaceutical product being in a reservoir}
2002/30624 . . . . .	{Hinged joint, e.g. with transverse axle restricting the movement}	2002/30682 . . . . .	{Means for preventing migration of particles released by the joint, e.g. wear debris or cement particles}
2002/30626 . . . . .	{allowing only for single rotation}	2002/30683 . . . . .	{Means for collecting wear particles in a hollow cavity inside the prosthesis}
2002/30627 . . . . .	{by means of cooperating stepped cylindrical surfaces}	2002/30685 . . . . .	{Means for reducing or preventing the generation of wear particulates}
2002/30629 . . . . .	{of the pin-guiding groove linkage type}	2002/30686 . . . . .	{Devices for removing particulate debris from prosthetic joints}
2002/3063 . . . . .	{having bearing bushes between the rotating parts}	2002/30688 . . . . .	{Means for allowing passage or sliding of tendons or ligaments}
2002/30632 . . . . .	{with rotation-limiting stops, e.g. projections or recesses}	2002/3069 . . . . .	{Revision endoprostheses}
2002/30634 . . . . .	{biaxial}	2002/30691 . . . . .	{Drainage means, e.g. for evacuating blood or other fluids}
2002/30635 . . . . .	{Cardan or gimbal joints}	2002/30693 . . . . .	{Air venting means}
2002/30637 . . . . .	{Dual arrangement of two adjacent hinged joints}	2002/30695 . . . . .	{Sound-damping or noise-reducing means}
2002/30639 . . . . .	{having rolling elements between both articulating surfaces}	2002/30696 . . . . .	{Means for preventing the accidental forgetting of prosthetic parts inside the body during operation}
2002/3064 . . . . .	{Ball bearings}	2002/30698 . . . . .	{Alarm means}
2002/30642 . . . . .	{having a single rolling (or sliding) ball articulating between two cups}	2002/307 . . . . .	{Prostheses for animals}
2002/30644 . . . . .	{Roller bearings}	2002/30701 . . . . .	{for cats}
2002/30645 . . . . .	{Needle bearings}	2002/30703 . . . . .	{for dogs}
2002/30647 . . . . .	{Joints made of two toroidal rings engaged together}	2002/30705 . . . . .	{for horses}
2002/30649 . . . . .	{Ball-and-socket joints}	2002/30706 . . . . .	{specially designed for children, e.g. having means for adjusting to their growth}
2002/3065 . . . . .	{Details of the ball-shaped head}	2002/30708 . . . . .	{Means for distinguishing between left-sided and right-sided devices, Sets comprising both left-sided and right-sided prosthetic parts}
2002/30652 . . . . .	{Special cut-outs, e.g. flat or grooved cut-outs}	2002/3071 . . . . .	{Identification means; Administration of patients}
2002/30654 . . . . .	{Details of the concave socket}	2002/30711 . . . . .	{with bar code}
2002/30655 . . . . .	{Non-spherical concave inner surface}	2002/30713 . . . . .	{colour-coded}
2002/30657 . . . . .	{made of different partially-spherical concave portions}	2002/30714 . . . . .	{coded with symbols, e.g. dots, numbers, letters, words}
2002/30658 . . . . .	{having a central conforming area surrounded by a peripheral annular non-conforming area}	2002/30716 . . . . .	{for single use, e.g. having means for preventing re-use}
2002/3066 . . . . .	{having a central non-conforming area surrounded by a peripheral annular conforming area}	2002/30718 . . . . .	{Means for protecting prosthetic parts, e.g. during operation}
2002/30662 . . . . .	{with rotation-limiting means}	2002/30719 . . . . .	{Means for cleaning prostheses}
2002/30663 . . . . .	{multiaxial, e.g. biaxial; multipolar, e.g. bipolar or having an intermediate shell articulating between the ball and the socket}	2/30721 . . . . .	{Accessories}
2002/30665 . . . . .	{Dual arrangement of two adjacent ball-and-socket joints}	2/30723 . . . . .	{Plugs or restrictors for sealing a cement-receiving space (tools for inserting plugs <a href="#">A61F 2/4614</a> ; sealing collars for use during cementing <a href="#">A61B 17/8808</a> )}
2002/30667 . . . . .	{Features concerning an interaction with the environment or a particular use of the prosthesis}	2/30724 . . . . .	{Spacers for centering an implant in a bone cavity, e.g. in a cement-receiving cavity}
2002/30668 . . . . .	{Means for transferring electromagnetic energy to implants}	2002/30726 . . . . .	{Centering or guiding rods, e.g. for insertion of femoral shafts}
2002/3067 . . . . .	{for data transfer}		
2002/30672 . . . . .	{temporary}		

2/30728 . . . . .	{Collars; Bone edge protectors ( <a href="#">A61F 2/30734</a> takes precedence; sealing collars for use during cementing <a href="#">A61B 17/8808</a> )}	2002/30775 . . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}
2002/30729 . . . . .	{Separate collars}	2002/30777 . . . . .	{Oblong apertures}
2002/30731 . . . . .	{Bone edge protectors}	2002/30779 . . . . .	{arcuate}
2002/30733 . . . . .	{Inserts placed into an endoprosthetic cavity, e.g. for modifying a material property}	2002/3078 . . . . .	{having an undulated contour, e.g. made of intercommunicating circular holes}
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}	2002/30782 . . . . .	{inclined obliquely}
2002/30736 . . . . .	{Augments or augmentation pieces, e.g. wedges or blocks for bridging a bone defect}	2002/30784 . . . . .	{Plurality of holes}
2002/30738 . . . . .	{Sleeves}	2002/30785 . . . . .	{parallel}
2/30739 . . . . .	{Devices connected to the proximal part of an endoprosthetic femoral shaft for reinforcing or replacing the trochanters, e.g. the greater trochanter ( <a href="#">proximal parts of endoprosthetic femoral shafts A61F 2/367</a> ; <a href="#">non-prosthetic trochanteric devices A61B 17/74</a> )}	2002/30787 . . . . .	{inclined obliquely with respect to each other}
2002/30741 . . . . .	{for the lesser trochanter}	2002/30789 . . . . .	{perpendicular with respect to each other}
2/30742 . . . . .	{Bellows or hose-like seals; Sealing membranes ( <a href="#">A61B 17/8808</a> takes precedence; sealing membranes for retaining bone substitute <a href="#">A61F 2/2846</a> )}	2002/3079 . . . . .	{Stepped or enlarged apertures, e.g. having discrete diameter changes}
2/30744 . . . . .	{End caps, e.g. for closing an endoprosthetic cavity}	2002/30792 . . . . .	{Dual tapered apertures}
2002/30746 . . . . .	{closable by a rotation different from screwing or bayonet coupling, e.g. about the cap central longitudinal axis}	2002/30794 . . . . .	{the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap}
2002/30747 . . . . .	{closable by translation}	2002/30795 . . . . .	{Blind bores, e.g. of circular cross- section}
2/30749 . . . . .	{Fixation appliances for connecting prostheses to the body}	2002/30797 . . . . .	{internally-threaded}
2002/30751 . . . . .	{for attaching cartilage scaffolds to underlying bone}	2002/30799 . . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}
2002/30752 . . . . .	{by means of a bed of granular material}	2002/308 . . . . .	{oblong}
2002/30754 . . . . .	{Implants for interposition between two natural articular surfaces}	2002/30802 . . . . .	{arcuate}
2/30756 . . . . .	{Cartilage endoprostheses ( <a href="#">A61F 2/3603</a> takes precedence)}	2002/30803 . . . . .	{inclined obliquely}
2002/30757 . . . . .	{made of a sheet covering the natural articular surface, e.g. cap}	2002/30805 . . . . .	{Recesses of comparatively large area with respect to their low depth}
2002/30759 . . . . .	{Mosaicplasty, i.e. using a plurality of individual cartilage plugs for filling a substantial cartilage defect}	2002/30807 . . . . .	{Plurality of blind bores}
2002/30761 . . . . .	{Support means for artificial cartilage, e.g. cartilage defect covering membranes}	2002/30808 . . . . .	{parallel}
2002/30762 . . . . .	{Means for culturing cartilage}	2002/3081 . . . . .	{inclined obliquely with respect to each other}
2002/30764 . . . . .	{Cartilage harvest sites}	2002/30812 . . . . .	{perpendicular with respect to each other}
2002/30766 . . . . .	{Scaffolds for cartilage ingrowth and regeneration}	2002/30813 . . . . .	{Stepped or enlarged blind bores, e.g. having discrete diameter changes}
2/30767 . . . . .	{Special external or bone-contacting surfaces, e.g. coating for improving bone ingrowth}	2002/30815 . . . . .	{the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap}
2002/30769 . . . . .	{madreporic}	2002/30817 . . . . .	{Intersecting or overlapping blind bores}
2/30771 . . . . .	{applied in original prostheses, e.g. holes or grooves}	2002/30818 . . . . .	{castellated or crenellated}
2002/30772 . . . . .	{Apertures or holes, e.g. of circular cross section}	2002/3082 . . . . .	{Grooves}
2002/30774 . . . . .	{internally-threaded}	2002/30822 . . . . .	{Circumferential grooves}
		2002/30823 . . . . .	{having the shape of a reverse dovetail}
		2002/30825 . . . . .	{arcuate}
		2002/30827 . . . . .	{Plurality of grooves}
		2002/30828 . . . . .	{parallel}
		2002/3083 . . . . .	{inclined obliquely with respect to each other}
		2002/30831 . . . . .	{perpendicular with respect to each other}
		2002/30833 . . . . .	{with enlarged portion}
		2002/30835 . . . . .	{for receiving and hiding a screw head or a nut}
		2002/30836 . . . . .	{knurled}
		2002/30838 . . . . .	{Microstructures}
		2002/3084 . . . . .	{Nanostructures}

2002/30841 . . . . .	{Sharp anchoring protrusions for impaction into the bone, e.g. sharp pins, spikes}	2/30907 . . . . .	{Nets or sleeves applied to surface of prostheses or in cement}
2002/30843 . . . . .	{Pyramidally-shaped}	2002/30909 . . . . .	{Nets}
2002/30845 . . . . .	{with cutting edges}	2002/30911 . . . . .	{having a honeycomb structure}
2002/30846 . . . . .	{circular}	2002/30912 . . . . .	{made of expanded metal, e.g. diamond mesh or metal nets having lozenge-shaped apertures}
2002/30848 . . . . .	{straight}	2002/30914 . . . . .	{Details of the mesh structure, e.g. disposition of the woven warp and weft wires}
2002/3085 . . . . .	{with a threaded, e.g. self-tapping, bone-engaging surface, e.g. external surface}	2002/30915 . . . . .	{made of a stack of bonded perforated sheets, grids or wire meshes}
2002/30851 . . . . .	{Multiple threadings}	2002/30917 . . . . .	{for avoiding direct contact between bone and implant, e.g. extensible membrane for preventing contamination or for easy removal}
2002/30853 . . . . .	{Double threadings}	2002/30919 . . . . .	{Sleeves}
2002/30855 . . . . .	{Quadruple or higher rank multiple threadings}	2002/3092 . . . . .	{having an open-celled or open-pored structure}
2002/30856 . . . . .	{Triple threadings}	2002/30922 . . . . .	{Hardened surfaces}
2002/30858 . . . . .	{Threads interrupted by grooves or sidewalls, e.g. flat sidewalls}	2002/30924 . . . . .	{by shot peening}
2002/30859 . . . . .	{having threaded portions of different pitches}	2002/30925 . . . . .	{etched}
2002/30861 . . . . .	{having threads of increasing or decreasing height}	2002/30927 . . . . .	{Electrolytic etching}
2002/30863 . . . . .	{the entry end surface having flutes, relief grooves, starter notches or bevelled indentations}	2002/30929 . . . . .	{having at least two superposed coatings}
2002/30864 . . . . .	{Microthreads}	2002/3093 . . . . .	{for promoting ingrowth of bone tissue}
2002/30866 . . . . .	{Rounded threads}	2002/30932 . . . . .	{for retarding or preventing ingrowth of bone tissue}
2002/30868 . . . . .	{Square, rectangular or rhomboidal threads}	2002/30934 . . . . .	{Special articulating surfaces}
2002/30869 . . . . .	{Dovetail-shaped}	2002/30935 . . . . .	{Concave articulating surface composed of a central conforming area surrounded by a peripheral annular non-conforming area}
2002/30871 . . . . .	{Trapezoidal threads}	2002/30937 . . . . .	{with cut-outs}
2002/30873 . . . . .	{Threadings machined on non-cylindrical external surfaces}	2002/30939 . . . . .	{Means for modifying the geometry of articulating surfaces, e.g. for compensating excessive clearance caused by wear}
2002/30874 . . . . .	{on conical, e.g. frustoconical, surfaces}	2/3094 . . . . .	{Designing or manufacturing processes ( <a href="#">not used, see subgroups</a> )}
2002/30876 . . . . .	{on spherical, e.g. hemispherical, surfaces}	2/30942 . . . . .	{for designing or making customized prostheses, e.g. using templates, CT or NMR scans, finite-element analysis or CAD-CAM techniques ( <a href="#">computer-assisted sizing or machining of dental prostheses A61C 13/0004; CAD-CAM techniques per se G05B 19/4202</a> )}
2002/30878 . . . . .	{with non-sharp protrusions, for instance contacting the bone for anchoring, e.g. keels, pegs, pins, posts, shanks, stems, struts}	2002/30943 . . . . .	{using mathematical models}
2002/30879 . . . . .	{Ribs}	2002/30945 . . . . .	{using geometrical models}
2002/30881 . . . . .	{Circumferential ribs}	2002/30947 . . . . .	{Fractal geometry}
2002/30883 . . . . .	{dovetail-shaped}	2002/30948 . . . . .	{using computerized tomography, i.e. CT scans}
2002/30884 . . . . .	{Fins or wings, e.g. longitudinal wings for preventing rotation within the bone cavity}	2002/3095 . . . . .	{using computerized axial tomography, i.e. CAT scans}
2002/30886 . . . . .	{externally-threaded}	2002/30952 . . . . .	{using CAD-CAM techniques or NC-techniques}
2002/30887 . . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}	2002/30953 . . . . .	{using a remote computer network, e.g. Internet}
2002/30889 . . . . .	{Arcuate pegs}	2002/30955 . . . . .	{using finite-element analysis}
2002/30891 . . . . .	{Plurality of protrusions}	2002/30957 . . . . .	{using a positive or a negative model, e.g. moulds}
2002/30892 . . . . .	{parallel}	2002/30958 . . . . .	{using lost patterns, e.g. lost wax}
2002/30894 . . . . .	{inclined obliquely with respect to each other}	2002/3096 . . . . .	{trimmed or cut to a customised size}
2002/30896 . . . . .	{perpendicular with respect to each other}	2002/30962 . . . . .	{using stereolithography}
2002/30897 . . . . .	{Stepped protrusions, i.e. having discrete diameter changes}	2002/30963 . . . . .	{using templates, e.g. grid charts}
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}		



2/30965	. . . .	{Reinforcing the prosthesis by embedding particles or fibres during moulding or dipping}	2002/3401	. . . . .	{with radial apertures, e.g. radial bores for receiving fixation screws}
2002/30967	. . . .	{Diffusion bonding}	2002/3403	. . . . .	{Polar aperture}
2002/30968	. . . .	{Sintering}	2002/3404	. . . . .	{internally-threaded}
2002/3097	. . . .	{using laser}	2002/3406	. . . . .	{Oblong apertures}
2002/30971	. . . .	{Laminates, i.e. layered products}	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}
2002/30973	. . . . .	{Two joined adjacent layers having complementary interlocking protrusions and recesses}	2002/3409	. . . . .	{having a bayonet coupling between an outer shell and a bearing insert}
2002/30975	. . . .	{made of two halves}	2002/3411	. . . . .	{having a snap connection between two concentric shells}
2002/30976	. . . .	{using hydrojet}	2002/3412	. . . . .	{with pins or protrusions, e.g. non-sharp pins or protrusions projecting from a shell surface}
2002/30978	. . . .	{using electrical discharge machining [EDM]}	2002/3414	. . . . .	{Polar protrusion, e.g. for centering two concentric shells}
2002/3098	. . . .	{using physical vapour deposition [PVD]}	2002/3416	. . . . .	{externally-threaded}
2002/30981	. . . .	{using chemical vapour deposition [CVD]}	2002/3417	. . . . .	{the outer shell having protrusions on meridian lines, e.g. equidistant fins or wings around the equatorial zone}
2002/30983	. . . .	{using electrostatic spray deposition [ESD]}	2002/3419	. . . . .	{Meridian ribs}
2002/30985	. . . .	{using three dimensional printing [3DP]}	2002/342	. . . . .	{the outer shell having circumferential protrusions parallel to the equatorial plane, e.g. circumferential fins or wings}
2002/30986	. . . .	{using hot isostatic pressing [HIP]}	2002/3422	. . . . .	{Circumferential ribs}
2/30988	. . .	{Other joints not covered by any of the groups <a href="#">A61F 2/32</a> - <a href="#">A61F 2/4425</a> }	2002/3424	. . . . .	{arranged in rows, the circumferential ribs covering only partially the outer shell surface, e.g. located in the equatorial zone}
2/3099	. . . .	{for temporo-mandibular [TM, TMJ] joints ( <a href="#">endoprotheses for mandibular reconstruction A61F 2/2803</a> )}	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}
2002/30991	. . . . .	{Mandibular components}	2002/3427	. . . . .	{Non-meridian ribs, e.g. parallel ribs, inclined or perpendicular with respect to the equatorial plane}
2002/30993	. . . . .	{Temporal components}	2002/3429	. . . . .	{with an integral peripheral collar or flange, e.g. oriented away from the shell centre line}
2002/30995	. . . .	{for sacro-iliac joints}	2002/343	. . . . .	{partial, i.e. not extending along the entire equatorial circumference}
2002/30996	. . . .	{for sterno-clavicular joints}	2002/3432	. . . . .	{having apertures for receiving fixation screws}
2002/30998	. . . .	{for acromio-clavicular joints}	2002/3433	. . . . .	{with cut-outs, e.g. for allowing escape of excess bone cement}
2/32	. . .	for the hip	2002/3435	. . . . .	{peripheral lip, e.g. elastic lip}
<b>NOTE</b>			2002/3437	. . . . .	{oriented inwardly towards the shell centre line}
Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only			2002/3438	. . . . .	{hollow, e.g. clearance between inner and outer shells}
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}	2002/344	. . . . .	{the inner shell having an inner hip femoral head-receiving cavity offset from its centre line}
2002/3216	. . . . .	{tripolar}	2002/3441	. . . . .	{the outer shell having an outer surface and an inner insert receiving cavity being angularly inclined with respect to the longitudinal axis of the outer surface}
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}	2002/3443	. . . . .	{with an anti-luxation elevated rim portion, e.g. on the inner shell}
2002/3233	. . . .	{having anti-luxation means for preventing complete dislocation of the femoral head from the acetabular cup}	2002/3445	. . . . .	{having a number of shells different from two}
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, slidable 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			

2002/3446	. . . . .	{Single cups}	2002/3495	. . . . .	{Spherical shell significantly smaller than a hemisphere, e.g. extending over less than 160 degrees}
2002/3448	. . . . .	{Multiple cups made of three or more concentric shells fitted or nested into one another}	2002/3496	. . . . .	{having a non-spherical concave inner surface}
2002/345	. . . . .	{the inner and outer (hemi)spherical surfaces of a shell, e.g. an intermediate shell, having distinct centres of rotation, both located on the centre line of the shell}	2002/3498	. . . . .	{made of different partially-spherical concave portions}
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}	2/36	. . . . .	Femoral heads {; Femoral endoprotheses}
2002/3453	. . . . .	{having a non-hemispherical convex outer surface, e.g. quadric-shaped}	2/3601	. . . . .	{for replacing only the epiphyseal or metaphyseal parts of the femur, e.g. endoprothetic femoral heads or necks directly fixed to the natural femur by internal fixation devices (non-prosthetic internal fixation devices for the femoral head or neck <a href="#">A61B 17/74</a> )}
2002/3454	. . . . .	{having an oblong, oval or elliptical cross-section in the equatorial plane}	2/3603	. . . . .	{implanted without ablation of the whole natural femoral head (endoprothetic cartilage <a href="#">A61F 2/30756</a> )}
2002/3456	. . . . .	{ellipsoidal or having a flattened polar region}	2002/3605	. . . . .	{made of two or more concentric caps fitted onto one another}
2002/3458	. . . . .	{having a flattened polar plane}	2/3607	. . . . .	{including proximal or total replacement of the femur}
2002/3459	. . . . .	{made of different partially-spherical portions}	2/3609	. . . . .	{Femoral heads or necks; Connections of endoprothetic heads or necks to endoprothetic femoral shafts ( <a href="#">A61F 2/3601</a> takes precedence)}
2002/3461	. . . . .	{having a lower equatorial peripheral spherical portion and an upper polar spherical portion, e.g. of differing radii or centres of rotation}	2002/3611	. . . . .	{Heads or epiphyseal parts of femur}
2002/3462	. . . . .	{having a frustoconical external shape, e.g. entirely frustoconical}	2002/3613	. . . . .	{with lateral or oblique apertures, holes or openings}
2002/3464	. . . . .	{partially frustoconical}	2002/3615	. . . . .	{having a concave shape, e.g. hemispherical cups}
2002/3466	. . . . .	{having a cylindrical external shape, e.g. entirely cylindrical}	2002/3617	. . . . .	{with special cut-outs, e.g. flat cut-outs for inserting the head into a cooperating shell, in a given insertion position}
2002/3467	. . . . .	{partially cylindrical}	2002/3619	. . . . .	{hollow}
2002/3469	. . . . .	{with non-radial inner bores or canals}	2002/3621	. . . . .	{pierced with a longitudinal bore}
2002/347	. . . . .	{with a slotted shell, e.g. outer shell having radial or meridian slots}	2002/3623	. . . . .	{Non-spherical heads}
2002/3472	. . . . .	{with one radial or meridian slot ending in a polar aperture}	2002/3625	. . . . .	{Necks}
2002/3474	. . . . .	{slots ending in non-polar apertures}	2002/3627	. . . . .	{with lateral apertures, holes or openings}
2002/3475	. . . . .	{horizontal slots, i.e. parallel to the equatorial plane}	2002/3629	. . . . .	{inclined obliquely}
2002/3477	. . . . .	{arcuate slots}	2002/3631	. . . . .	{with an integral complete or partial peripheral collar or bearing shoulder at its base}
2002/3479	. . . . .	{Cage-like shells, e.g. hemispherical outer shells made of meridian strips or wires connected to an equatorial strip, rim or wire}	2002/3633	. . . . .	{with an integral protrusion extending distally under the collar}
2002/348	. . . . .	{Additional features}	2002/3635	. . . . .	{having a separate element placed under the collar}
2002/3482	. . . . .	{Two hemispherical halves having completely different structures}	2002/3637	. . . . .	{with an angled portion, e.g. oriented towards the lesser trochanter}
2002/3483	. . . . .	{having a convex shape, e.g. hemispherical heads}	2002/3639	. . . . .	{with cut-outs}
2002/3485	. . . . .	{Shells made of block segments linked by thin connecting strips}	2002/3641	. . . . .	{pierced with apertures perpendicular to the collar longitudinal axis}
2002/3487	. . . . .	{Partial acetabular cups, e.g. strips replacing only partially the natural acetabular cartilage}	2002/3643	. . . . .	{pierced with apertures parallel or oblique with respect to the collar longitudinal axis}
2002/3488	. . . . .	{for allowing sliding or for preventing hurting of the psoas muscle}	2002/3645	. . . . .	{hollow}
2002/349	. . . . .	{Shell having a wavy or undulated peripheral rim}	2002/3647	. . . . .	{pierced with a longitudinal bore}
2002/3491	. . . . .	{partial, i.e. not extending along the entire equatorial circumference}	2002/3649	. . . . .	{offset from the neck central longitudinal axis}
2002/3493	. . . . .	{Spherical shell significantly greater than a hemisphere, e.g. extending over more than 200 degrees}			

2002/365	. . . . .	{Connections of heads to necks}	2/385	. . . . .	{also provided with condylar bearing surfaces}
2002/3652	. . . . .	{Connections of necks to shafts}	2/3854	. . . . .	{with ball and socket joint}
2002/3654	. . . . .	{Connections of heads directly to shafts}	2/3859	. . . . .	{Femoral components}
2002/3656	. . . . .	{with angular positioning means for selecting any one of a plurality of radial orientations, e.g. at discrete positions}	2002/3863	. . . . .	{Condyles fitted on an anchored base}
2002/3658	. . . . .	{Two angular positions, e.g. located at 180 degrees intervals}	2/3868	. . . . .	{with sliding tibial bearing}
2002/366	. . . . .	{at continuous positions}	2/3872	. . . . .	{Meniscus for implantation between the natural bone surfaces}
2/3662	. . . . .	{Femoral shafts}	2/3877	. . . . .	{Patellae or trochleae}
2002/3664	. . . . .	{with non-sharp protrusions}	2002/3881	. . . . .	{with moving parts}
2002/3666	. . . . .	{Circumferential flanges or fins}	2/3886	. . . . .	{for stabilising knees against anterior or lateral dislocations}
2002/3668	. . . . .	{Longitudinal fins or wings, e.g. for preventing rotation within the intramedullary bone cavity}	2/389	. . . . .	{Tibial components ( <a href="#">A61F 2/3868</a> takes precedence)}
2/367	. . . . .	{Proximal or metaphyseal parts of shafts ( <a href="#">trochanteric devices connected to said proximal parts A61F 2/30739</a> )}	2002/3895	. . . . .	{unicompartmental}
2/3672	. . . . .	{Intermediate parts of shafts}	2/40	. . . . .	for shoulders
2002/3674	. . . . .	{Connections of proximal parts to distal parts}	<b>NOTE</b>		
2/3676	. . . . .	{Distal or diaphyseal parts of shafts}	Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only		
2002/3678	. . . . .	{Geometrical features}	2/4003	. . . . .	{Replacing only the epiphyseal or metaphyseal parts of the humerus, i.e. endoprosthesis not comprising an entire humeral shaft ( <a href="#">replacing only the epiphyseal or metaphyseal parts of the femur A61F 2/3601</a> )}
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}	2002/4007	. . . . .	{implanted without ablation of the whole natural humeral head}
2002/3682	. . . . .	{Oblong apertures}	2002/4011	. . . . .	{including proximal or total replacement of the humerus}
2002/3684	. . . . .	{inclined obliquely with respect to the shaft longitudinal axis, e.g. along the neck axis}	2/4014	. . . . .	{Humeral heads or necks; Connections of endoprosthetic heads or necks to endoprosthetic humeral shafts}
2002/3686	. . . . .	{bent}	2002/4018	. . . . .	{Heads or epiphyseal parts of humerus}
2002/3688	. . . . .	{with opposite proximal and distal curvatures, i.e. S-shaped shaft}	2002/4022	. . . . .	{having a concave shape, e.g. hemispherical cups}
2002/369	. . . . .	{Stepped shaft, i.e. having discrete diameter changes}	2002/4025	. . . . .	{hollow}
2002/3692	. . . . .	{hollow}	2002/4029	. . . . .	{Necks}
2002/3694	. . . . .	{with longitudinal bores}	2002/4033	. . . . .	{with an integral complete or partial peripheral collar at its base}
2002/3696	. . . . .	{slotted}	2002/4037	. . . . .	{Connections of heads to necks}
2002/3698	. . . . .	{twisted about the longitudinal axis of the shaft}	2002/404	. . . . .	{with a clearance between proximal end of neck and inner end of head}
2/38	. . . . .	for elbows or knees	2002/4044	. . . . .	{Connections of necks to shafts}
<b>NOTE</b>			2002/4048	. . . . .	{with an inner clearance between both parts}
Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only			2002/4051	. . . . .	{Connections of heads directly to shafts}
2/3804	. . . . .	{for elbows}	2002/4055	. . . . .	{with an inner clearance between both parts}
2002/3809	. . . . .	{for radio-humeral joints}	2/4059	. . . . .	{Humeral shafts}
2002/3813	. . . . .	{for ulno-humeral joints}	2002/4062	. . . . .	{Proximal or metaphyseal parts of shafts}
2002/3818	. . . . .	{for proximal radio-ulnar joints, i.e. PRU joints}	2002/4066	. . . . .	{for replacement or reinforcement of the greater tubercle}
2002/3822	. . . . .	{Humeral components}	2002/407	. . . . .	{Intermediate parts of shafts}
2002/3827	. . . . .	{Radial components}	2002/4074	. . . . .	{Connections of proximal or metaphyseal parts to distal or diaphyseal parts}
2002/3831	. . . . .	{Ulnar components}	2002/4077	. . . . .	{Distal or diaphyseal parts of shafts}
2/3836	. . . . .	{Special connection between upper and lower leg, e.g. constrained}	2/4081	. . . . .	{Glenoid components, e.g. cups}
2/384	. . . . .	{hinged, i.e. with transverse axle restricting the movement}	2002/4085	. . . . .	{having a convex shape, e.g. hemispherical heads}
2/3845	. . . . .	{allowing only for single rotation}			

2002/4088	. . . .	{Acromial components}	2002/4415	. . . .	{elements of the prosthesis being arranged in a chain like manner}
2002/4092	. . . .	{Clavicular components}	2/442	. . . .	{Intervertebral or spinal discs, e.g. resilient (non-disc-shaped intervertebral inflatable pockets <a href="#">A61F 2/441</a> ; non-disc-shaped intervertebral fusion implants <a href="#">A61F 2/4455</a> )}
2002/4096	. . . .	{Coracoid process components}	2/4425	. . . . .	{made of articulated components}
2/42	. . .	for wrists or ankles; for hands, e.g. fingers; for feet, e.g. toes	2002/443	. . . . .	{having two transversal endplates and at least one intermediate component}
2/4202	. . . . .	{for ankles}	2002/4435	. . . . .	{Support means or repair of the natural disc wall, i.e. annulus, e.g. using plates, membranes or meshes}
2002/4205	. . . . .	{Tibial components}	2002/444	. . . . .	{for replacing the nucleus pulposus}
2002/4207	. . . . .	{Talar components}	2002/4445	. . . . .	{Means for culturing intervertebral disc tissue}
2002/421	. . . . .	{Fibular components, e.g. fibular-malleolar shields}	2002/445	. . . . .	{Intervertebral disc tissue harvest sites}
2002/4212	. . . . .	{Tarsal bones}	2/4455	. . . .	{for the fusion of spinal bodies, e.g. intervertebral fusion of adjacent spinal bodies, e.g. fusion cages ( <a href="#">intervertebral discs A61F 2/442</a> )}
2002/4215	. . . . .	{Lateral row of tarsal bones}	2/446	. . . . .	{having a circular or elliptical cross-section substantially parallel to the axis of the spine, e.g. cylinders or frustocones}
2002/4217	. . . . .	{Calcaneum or calcaneus or heel bone}	2/4465	. . . . .	{having a circular or kidney shaped cross-section substantially perpendicular to the axis of the spine}
2002/422	. . . . .	{Medial row of tarsal bones}	2/447	. . . . .	{substantially parallelepipedal, e.g. having a rectangular or trapezoidal cross-section}
2002/4223	. . . . .	{Implants for correcting a flat foot}	2002/4475	. . . . .	{hollow}
2/4225	. . . . .	{for feet, e.g. toes}	2002/448	. . . . .	{comprising multiple adjacent spinal implants within the same intervertebral space or within the same vertebra, e.g. comprising two adjacent spinal implants}
2002/4228	. . . . .	{for interphalangeal joints, i.e. IP joints}	2002/4485	. . . . .	{comprising three or more adjacent spinal implants}
2002/423	. . . . .	{for big or great toes}	2002/449	. . . . .	{comprising multiple spinal implants located in different intervertebral spaces or in different vertebrae}
2002/4233	. . . . .	{for metatarso-phalangeal joints, i.e. MTP joints}	2002/4495	. . . . .	{having a fabric structure, e.g. made from wires or fibres}
2002/4235	. . . . .	{for big or great toes}	2/46	. . .	Special tools or methods for implanting or extracting artificial joints, accessories, bone grafts or substitutes, or particular adaptations therefor
2002/4238	. . . . .	{for tarso-metatarsal joints, i.e. TMT joints}	2/4601	. . . . .	{for introducing bone substitute, for implanting bone graft implants or for compacting them in the bone cavity ( <a href="#">for introducing bone cement A61B 17/8805</a> )}
2/4241	. . . . .	{for hands, e.g. fingers}	2002/4602	. . . . .	{for compacting}
2002/4243	. . . . .	{for interphalangeal joints, i.e. IP joints}	2/4603	. . . . .	{for insertion or extraction of endoprosthetic joints or of accessories thereof}
2002/4246	. . . . .	{for distal interphalangeal joints, i.e. DIP joints}	2/4605	. . . . .	{of elbows}
2002/4248	. . . . .	{for proximal interphalangeal joints, i.e. PIP joints}	2/4606	. . . . .	{of wrists or ankles; of hands, e.g. fingers; of feet, e.g. toes}
2002/4251	. . . . .	{for metacarpo-phalangeal joints, i.e. MCP or MP joints, e.g. knuckle joints}	2/4607	. . . . .	{of hip femoral endoprostheses}
2002/4253	. . . . .	{for thumbs}	2/4609	. . . . .	{of acetabular cups}
2002/4256	. . . . .	{for carpo-metacarpal joints, i.e. CMC joints}	2/461	. . . . .	{of knees}
2002/4258	. . . . .	{for trapezo-metacarpal joints of thumbs}	2/4611	. . . . .	{of spinal prostheses}
2/4261	. . . . .	{for wrists}	2/4612	. . . . .	{of shoulders}
2002/4264	. . . . .	{for radio-carpal joints}	2/4614	. . . . .	{of plugs for sealing a cement-receiving space}
2002/4266	. . . . .	{for ulno-carpal joints}	2002/4615	. . . . .	{of spacers}
2002/4269	. . . . .	{for distal radio-ulnar joints, i.e. DRU joints}	2002/4616	. . . . .	{of temporo-mandibular joints}
2002/4271	. . . . .	{Carpal bones}	2/4618	. . . . .	{of cartilage}
2002/4274	. . . . .	{Distal carpal row, i.e. bones adjacent the metacarpal bones}			
2002/4276	. . . . .	{Trapezium}			
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 <a href="#">A61B 17/7062</a> )}			
2/441	. . . . .	{made of inflatable pockets or chambers filled with fluid, e.g. with hydrogel}			



2002/4619	. . . . .	{for extraction}	2002/4667	. . . . .	{for measuring torque}
2002/462	. . . . .	{of broken endoprosthetic joint parts}	2002/4668	. . . . .	{for measuring angles}
2002/4622	. . . . .	{having the shape of a forceps or a clamp}	2002/467	. . . . .	{for measuring fluid pressure}
2002/4623	. . . . .	{having a handle portion, e.g. integral with the implanting tool}	2002/4671	. . . . .	{for measuring resonant frequency}
2002/4624	. . . . .	{releasable from the implanting tool}	2002/4672	. . . . .	{for measuring temperature}
2002/4625	. . . . .	{with relative movement between parts of the instrument during use}	2002/4674	. . . . .	{for measuring the pH}
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}	2/4675	. . . . .	{for cleaning or coating bones, e.g. bone cavities, prior to endoprosthesis implantation or bone cement introduction (for cleaning teeth cavities <a href="#">A61C 17/00</a> ; irrigators <a href="#">A61M 3/02</a> )}
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}	2002/4676	. . . . .	{for coating the bony surface}
2002/4629	. . . . .	{connected to the endoprosthesis or implant via a threaded connection}	2002/4677	. . . . .	{using a guide wire}
2002/4631	. . . . .	{the prosthesis being specially adapted for being cemented}	2002/4679	. . . . .	{having quick release means}
2002/4632	. . . . .	{using computer-controlled surgery, e.g. robotic surgery}	2/468	. . . . .	{Testing instruments for artificial joints (for testing non-implantable prostheses <a href="#">A61F 2/76</a> )}
2002/4633	. . . . .	{for selection of endoprosthetic joints or for pre-operative planning}	2002/4681	. . . . .	{by applying mechanical shocks, e.g. by hammering}
2002/4635	. . . . .	{using minimally invasive surgery}	2002/4683	. . . . .	{by applying ultrasonic vibrations}
2002/4636	. . . . .	{through the hip femoral neck}	2/4684	. . . . .	{Trial or dummy prostheses}
2/4637	. . . . .	{for connecting or disconnecting two parts of a prosthesis}	2002/4685	. . . . .	{by means of vacuum}
2002/4638	. . . . .	{Tools for performing screwing, e.g. nut or screwdrivers, or particular adaptations therefor}	2002/4687	. . . . .	{Mechanical guides for implantation instruments}
2002/464	. . . . .	{of end caps for closing a prosthetic cavity}	2002/4688	. . . . .	{having operating or control means}
2002/4641	. . . . .	{for disconnecting}	2002/4689	. . . . .	{acoustic}
2002/4642	. . . . .	{for inserting or connecting a locking mechanism}	2002/469	. . . . .	{electrical}
2/4644	. . . . .	{Preparation of bone graft, bone plugs or bone dowels, e.g. grinding or milling bone material (bone material <a href="#">A61F 2/28</a> ; disintegrating or milling devices <a href="#">B02C</a> )}	2002/4692	. . . . .	{fluid}
2002/4645	. . . . .	{Devices for grinding or milling bone material}	2002/4693	. . . . .	{hydraulic}
2002/4646	. . . . .	{Devices for cleaning bone graft}	2002/4694	. . . . .	{pneumatic}
2002/4648	. . . . .	{Means for culturing bone graft}	2002/4696	. . . . .	{optical}
2002/4649	. . . . .	{Bone graft or bone dowel harvest sites}	2002/4697	. . . . .	{visual}
2002/465	. . . . .	{using heating means}	2002/4698	. . . . .	{magnetic}
2002/4651	. . . . .	{Electric or electromagnetic heating}	2002/48	. . . . .	{Operating or control means}
2002/4653	. . . . .	{using cooling means}	2002/481	. . . . .	{acoustic or audible}
2002/4654	. . . . .	{Cryogenic cooling}	2002/482	. . . . .	{electrical}
2002/4655	. . . . .	{for introducing lubricating fluid}	<b>WARNING</b>  Group <a href="#">A61F 2002/482</a> is incomplete pending reclassification of documents from group <a href="#">A61B 5/04888</a> .  Groups <a href="#">A61B 5/04888</a> and <a href="#">A61F 2002/482</a> should be considered in order to perform a complete search.		
2/4657	. . . . .	{Measuring instruments used for implanting artificial joints (for surgical instruments <a href="#">A61B 90/06</a> )}			
2002/4658	. . . . .	{for measuring dimensions, e.g. length}			
2002/4659	. . . . .	{for measuring a diameter}	2002/484	. . . . .	{fluid}
2002/4661	. . . . .	{for measuring thickness}	2002/485	. . . . .	{hydraulic}
2002/4662	. . . . .	{for measuring penetration depth}	2002/487	. . . . .	{pneumatic}
2002/4663	. . . . .	{for measuring volumes or other three-dimensional shapes}	2002/488	. . . . .	{Means for detecting or monitoring wear}
2002/4664	. . . . .	{for measuring conicities}	2/50	. . . . .	Prostheses not implantable in the body {(closure means for urethra or rectum or for artificial body openings therefor <a href="#">A61F 2/0004</a> )}
2002/4666	. . . . .	{for measuring force, pressure or mechanical tension}	2002/5001	. . . . .	{Cosmetic coverings}
			2002/5003	. . . . .	{having damping means, e.g. shock absorbers (for implantable joints <a href="#">A61F 2002/30563</a> )}
			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 (elastic coating <a href="#">A61F 2002/3007</a> ; springs <a href="#">A61F 2002/5072</a> ; plate-like springs for feet <a href="#">A61F 2002/6657</a> )}
			2002/5009	. . . . .	{having two or more elastomeric blocks}

2002/501	. . {having an inflatable pocket filled with fluid, i.e. liquid or gas ( <a href="#">A61F 2/602</a> , <a href="#">A61F 2002/74</a> , <a href="#">A61F 2/7843</a> take precedence; for lubrication <a href="#">A61F 2002/5086</a> )}	2002/5066	. . {Muscles ( <a href="#">implantable A61F 2002/0894</a> )}
2002/5012	. . . {having two or more inflatable pockets}	2002/5067	. . {having rolling elements between articulating surfaces ( <a href="#">for implantable joints A61F 2002/30639</a> )}
2002/5013	. . . {filled with particles ( <a href="#">for joints A61F 2002/30588</a> )}	2002/5069	. . . {Ball bearings}
2002/5015	. . . {hardenable fluid, e.g. curable in-situ or cold-hardening casting substance}	2002/507	. . . {Roller bearings}
2002/5016	. . {adjustable ( <a href="#">for implantable prostheses A61F 2002/30537</a> )}	2002/5072	. . {having spring elements ( <a href="#">spring-biased locking means A61F 2002/30505</a> ; <a href="#">for implantable joints A61F 2002/30565</a> ; other elastic means <a href="#">A61F 2002/5007</a> )}
2002/5018	. . . {for adjusting angular orientation}	2002/5073	. . . {Helical springs, e.g. having at least one helical spring}
2002/502	. . . {for adjusting length ( <a href="#">for implantable joints A61F 2002/3055</a> )}	2002/5075	. . . . {Multiple spring systems including two or more helical springs}
2002/5021	. . . {for adjusting a position by translation along an axis}	2002/5076	. . . . . {Concentric outer and inner helical springs}
2002/5023	. . . . {along two perpendicular axes}	2002/5078	. . . {2-D spiral springs}
2002/5024	. . . {for adjusting thickness}	2002/5079	. . . {Leaf springs ( <a href="#">A61F 2002/6657</a> takes precedence)}
2002/5026	. . . {for adjusting a diameter}	2002/5081	. . {Additional features ( <a href="#">for implantable joints A61F 2002/30535</a> )}
2002/5027	. . . {for adjusting cross-section}	2002/5083	. . . {modular}
2002/5029	. . . {for adjusting weight or mass}	2002/5084	. . . {telescopic ( <a href="#">adjusting length A61F 2002/502</a> )}
2002/503	. . . {for adjusting elasticity, flexibility, spring rate or mechanical tension}	2002/5086	. . . {Lubricating means}
2002/5032	. . . {for adjusting fluid pressure ( <a href="#">inflatable pockets A61F 2002/501</a> , <a href="#">A61F 2/602</a> , <a href="#">A61F 2/7843</a> ; <a href="#">fluid operating or control means A61F 2002/74</a> )}	2002/5087	. . . {Sound-damping or noise-reducing means}
2002/5033	. . . {for adjusting damping ( <a href="#">damping means A61F 2002/5003</a> )}	2002/5089	. . . {waterproof}
2002/5035	. . . {for adjusting volume flow}	2002/509	. . . {specially designed for children, e.g. having means for adjusting to their growth ( <a href="#">implantable A61F 2250/0082</a> )}
2002/5036	. . . {self-adjustable, e.g. self-learning}	2002/5092	. . . {Identification means ( <a href="#">for implantable prostheses A61F 2250/0085</a> )}
2002/5038	. . {Hinged joint, e.g. with transverse axle restricting the movement ( <a href="#">for implantable joints A61F 2002/30624</a> )}	2002/5093	. . {Tendon- or ligament-replacing cables ( <a href="#">implantable A61F 2/08</a> )}
2002/5039	. . . {allowing only for single rotation}	2002/5095	. . . {for Achilles tendons}
2002/5041	. . . {having bearing bushes between the rotating parts}	2002/5096	. . {Ball-and-socket joints ( <a href="#">for implantable joints A61F 2002/30649</a> )}
2002/5043	. . . {with rotation-limiting stops, e.g. projections or recesses}	2002/5098	. . . {with rotation-limiting means}
2/5044	. . {Designing or manufacturing processes ( <a href="#">not used, see subgroup</a> )}	2/52	. . Mammary prostheses ( <a href="#">brassieres A41C 3/00</a> )
2/5046	. . . {for designing or making customized prostheses, e.g. using templates, finite-element analysis or CAD-CAM techniques}	2002/523	. . . {Multiple breast forms made of several concentric breast-shaped layers nested into one another}
2002/5047	. . . . {using mathematical models ( <a href="#">A61F 2002/505</a> takes precedence)}	2002/526	. . . {Nipples}
2002/5049	. . . . . {Computer aided shaping, e.g. rapid prototyping}	2/54	. . Artificial arms or hands or parts thereof
2002/505	. . . . {using CAD-CAM techniques or NC-techniques}	2002/543	. . . {Lower arms or forearms}
2002/5052	. . . . {Direct moulding or reforming to the stump}	2002/546	. . . {Upper arms}
2002/5053	. . . . {using a positive or a negative model, e.g. casting model or mould}	2/58	. . . Elbows; Wrists {; Other joints; Hands}
2002/5055	. . . {Reinforcing prostheses by embedding particles or fibres during moulding or dipping, e.g. carbon fibre composites}	2/581	. . . . {Shoulder joints}
2002/5056	. . . {Laminates, i.e. layered products}	2/582	. . . . {Elbow joints}
2002/5058	. . {having means for restoring the perception of senses}	2/583	. . . . {Hands; Wrist joints}
2002/5059	. . . {the feeling of position}	2/585	. . . . . {Wrist joints}
2002/5061	. . . {the sense of touch}	2/586	. . . . . {Fingers}
2002/5063	. . . {the feeling of temperature, i.e. of warmth or cold}	2002/587	. . . . . {Thumbs}
2002/5064	. . . {for reducing pain from phantom limbs}	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 ( <a href="#">A61F 2/7843</a> takes precedence)}
		2/604	. . . {Joints for artificial legs ( <a href="#">A61F 2/605</a> , <a href="#">A61F 2/64</a> , <a href="#">A61F 2/6607</a> 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	. . . .	{Patellae}
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	. . . . .	{Soles}
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 <a href="#">A61F 2002/30079</a> )}
2002/6872	. . .	{attached and mechanically operated by remaining muscle (bioelectrical control <a href="#">A61F 2/72</a> )}
2002/6881	. . .	{optical}
2002/689	. . .	{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 <a href="#">A61F 2250/0002</a> )}
2002/707	. . . .	{Remote control}
2002/708	. . . .	{electrically self charging}
2/72	. . . .	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 <a href="#">A61F 2002/501</a> )}
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 <a href="#">A61F 2002/465</a> )}
2002/761	. . .	{for assembling by cooling (for implanting artificial joints <a href="#">A61F 2002/4653</a> )}
2002/7615	. . .	{Measuring means (for implanting artificial joints <a href="#">A61F 2/4657</a> )}
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 <a href="#">A61F 2240/008</a> ; for implanting artificial joints <a href="#">A61F 2/468</a> )}
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 <a href="#">A61F 2002/30448</a> )}
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 <a href="#">A61F 2002/5001</a> )}	2/90	. . . characterised by a net-like or mesh-like structure
2002/7825	. . . . {Devices for putting-on or pulling-off stockings}	2/91	. . . . made from perforated sheet material or tubes, e.g. perforated by laser cuts or etched holes
2002/7831	. . . . {with a rope for pulling the sock inside the socket}	2/915	. . . . with bands having a meander structure, adjacent bands being connected to each other
2002/7837	. . . . {Sleeves for attaching or protecting, i.e. open ended hoses}	2002/91508	. . . . {the meander having a difference in amplitude along the band}
2/7843	. . . . {Inflatable bladders}	2002/91516	. . . . {the meander having a change in frequency along the band}
2002/785	. . . . {Pads, e.g. relief pads}	2002/91525	. . . . {within the whole structure different bands showing different meander characteristics, e.g. frequency or amplitude}
2002/7856	. . . {having finger loops or grips}	2002/91533	. . . . {characterised by the phase between adjacent bands}
2002/7862	. . . {Harnesses, straps (for connecting prosthetic parts <a href="#">A61F 2002/30464</a> )}	2002/91541	. . . . {Adjacent bands are arranged out of phase}
2002/7868	. . . {Means for putting-on or pulling-off prostheses}	2002/9155	. . . . {Adjacent bands being connected to each other}
2002/7875	. . . {with releasable ratchets or pegs (snap connections <a href="#">A61F 2002/305</a> ; pushing a peg into a hole <a href="#">A61F 2002/3038</a> )}	2002/91558	. . . . {connected peak to peak}
2002/7881	. . . {using hook and loop-type fasteners (for connecting prosthetic parts <a href="#">A61F 2002/30467</a> )}	2002/91566	. . . . {connected trough to trough}
2002/7887	. . . {for connecting limb exoprostheses to the stump bone}	2002/91575	. . . . {connected peak to trough}
2002/7893	. . . {using slide fasteners, e.g. zippers}	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}
2/80	. . . Sockets, e.g. of suction type	2002/91591	. . . . {Locking connectors, e.g. using male-female connections}
2002/802	. . . . {Suction sockets, i.e. utilizing differential air pressure to retain the prosthesis on the stump}	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}
2002/805	. . . . {having an air valve}	2/93	. . . circumferentially expandable by using ratcheting locks
2002/807	. . . . {having a vacuum reservoir chamber}	2/94	. . Stents retaining their form, i.e. not being deformable, after placement in the predetermined place
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 <a href="#">A61F 2/04</a> ; stent-grafts for blood vessels <a href="#">A61F 2/07</a> ; instruments specially adapted for placement or removal of stents or stent-grafts <a href="#">A61F 2/95</a> ; for closing wounds, or holding wounds closed <a href="#">A61B 17/04</a> - <a href="#">A61B 17/115</a> ; dilators <a href="#">A61M 29/00</a> )	2/945	. . . hardenable, e.g. stents formed <i>in situ</i>
2002/821	. . {Ostial stents}	2/95	. Instruments specially adapted for placement or removal of stents or stent-grafts
2002/823	. . {Stents, different from stent-grafts, adapted to cover an aneurysm}	2002/9505	. . {having retaining means other than an outer sleeve, e.g. male-female connector between stent and instrument}
2002/825	. . {having longitudinal struts}	2002/9511	. . . {the retaining means being filaments or wires}
2002/826	. . {more than one stent being applied sequentially}	2002/9517	. . {handle assemblies therefor}
2002/828	. . {Means for connecting a plurality of stents allowing flexibility of the whole structure}	2002/9522	. . {Means for mounting a stent onto the placement instrument}
2/844	. . folded prior to deployment	2002/9528	. . {for retrieval of stents}
2/848	. . having means for fixation to the vessel wall, e.g. barbs	2002/9534	. . {for repositioning of stents}
2002/8483	. . . {Barbs}	2/954	. . for placing stents or stent-grafts in a bifurcation
2002/8486	. . . {provided on at least one of the ends}	2/958	. . Inflatable balloons for placing stents or stent-grafts
2/852	. . Two or more distinct overlapping stents	2002/9583	. . . {Means for holding the stent on the balloon, e.g. using protrusions, adhesives or an outer sleeve}
2/856	. . Single tubular stent with a side portal passage	2002/9586	. . . . {the means being inside the balloon}
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	2/962	. . having an outer sleeve
2/88	. . . the wire-like elements formed as helical or spiral coils (forming a net-like or mesh-like structure <a href="#">A61F 2/90</a> )	2/966	. . . with relative longitudinal movement between outer sleeve and prosthesis, e.g. using a push rod
2/885	. . . . {comprising a coil including a plurality of spiral or helical sections with alternate directions around a central axis}	2002/9665	. . . . {with additional retaining means}
2/89	. . . the wire-like elements comprising two or more adjacent rings flexibly connected by separate members	2/97	. . . the outer sleeve being splittable



3/00	Lengthening pieces for natural legs	5/0116	. . . . . {for connecting the feet to each other or to fixed surroundings ( <a href="#">A61F 5/0193</a> takes precedence)}
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 <a href="#">A61F 2/68</a> ; {serving devices for one-handed persons <a href="#">A47G 21/08</a> })	5/0118	. . . . . {for the arms, hands or fingers}
		5/012	. . . . {inflatable}
		5/0123	. . . . {for the knees ( <a href="#">A61F 5/0106</a> takes precedence)}
		5/0125	. . . . . {the device articulating around a single pivot-point}
		5/0127	. . . . {for the feet ( <a href="#">A61F 5/0111</a> takes precedence)}
		5/013	. . . . {for the arms, hands or fingers ( <a href="#">A61F 5/0118</a> takes precedence)}
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 <a href="#">A61B 17/56</a> ); Nursing devices; {Anti-rape devices} (bandages, dressings or absorbent pads <a href="#">A61F 13/00</a> )	2005/0132	. . . . {Additional features of the articulation}
		2005/0134	. . . . . {with two orthogonal pivots}
		2005/0137	. . . . . {with two parallel pivots}
5/0003	. {Apparatus for the treatment of obesity; Anti-eating devices (surgical instruments or methods for treatment of obesity, devices specially adapted therefor <a href="#">A61B 17/00</a> ; hollow or tubular parts of organs <a href="#">A61F 2/04</a> )}	2005/0139	. . . . . {geared}
		2005/0141	. . . . . {with more than two parallel pivots}
		2005/0144	. . . . . {Multibar}
		2005/0146	. . . . . {combining rotational and sliding movements, e.g. simulating movements of a natural joint}
5/0006	. . {Diet or mouth appliances}	2005/0148	. . . . . {Floating pivotal axis}
5/0009	. . {External belts}	2005/0151	. . . . . {combining rotational and torsional movements}
5/0013	. . {Implantable devices or invasive measures}	2005/0153	. . . . . {combining rotational and stretching movements}
2005/0016	. . . . {comprising measuring means}	2005/0155	. . . . . {with actuating means}
2005/002	. . . . . {for sensing mechanical parameters}	2005/0158	. . . . . {with locking means}
2005/0023	. . . . . {for sensing chemical parameters}	2005/016	. . . . . {in standing position}
5/0026	. . . . {Anti-eating devices using electrical stimulation}	2005/0162	. . . . . {when weight is applied}
5/003	. . . . {inflatable}	2005/0165	. . . . . {with limits of movement}
5/0033	. . . . . {with more than one chamber}	2005/0167	. . . . . {adjustable}
5/0036	. . . . {Intragastrical devices}	2005/0169	. . . . . {with damping means}
5/004	. . . . . {remotely adjustable}	2005/0172	. . . . . {with cushions}
5/0043	. . . . . {using injection ports}	2005/0174	. . . . . {laterally placed}
5/0046	. . . . . {with wireless means}	2005/0176	. . . . . {supporting the patella}
5/005	. . . . {Gastric bands}	2005/0179	. . . . . {with spring means}
5/0053	. . . . . {remotely adjustable}	2005/0181	. . . . {Protectors for articulations}
5/0056	. . . . . {using injection ports}	2005/0183	. . . . . {Hip protectors, e.g. for elderly people}
5/0059	. . . . . {with wireless means}	2005/0186	. . . . . {Thumb protectors}
5/0063	. . . . . {wrapping the stomach}	2005/0188	. . . . {having pressure sensors}
5/0066	. . . . . {Closing devices for gastric bands}	5/019	. . . . {Toe correcting or spreading devices}
5/0069	. . . . {in the wall of the stomach}	5/0193	. . . . {Apparatus specially adapted for treating hip dislocation; Abduction splints}
5/0073	. . . . {in the abdominal cavity, e.g. not attached to the stomach}	5/0195	. . . . {Shoe-like orthopaedic devices for protecting the feet against injuries after operations}
5/0076	. . . . {preventing normal digestion, e.g. Bariatric or gastric sleeves}	2005/0197	. . . . {with spring means}
5/0079	. . . . . {Pyloric or esophageal obstructions}	5/02	. . . . Orthopaedic corsets (arm-rests for use as writing aids <a href="#">B43L 15/00</a> )
5/0083	. . . . {Reducing the size of the stomach, e.g. gastropasty (surgical interventions <a href="#">A61B 17/00</a> )}	5/022	. . . . {consisting of one or more shells}
5/0086	. . . . . {using clamps, folding means or the like}	5/024	. . . . {having pressure pads connected in a frame for reduction or correction of the curvature of the spine}
5/0089	. . . . {Instruments for placement or removal}	5/026	. . . . {Back straightening devices with shoulder braces to force back the shoulder to obtain a correct curvature of the spine (for clavicle fractures <a href="#">A61F 5/05808</a> ; restraining devices <a href="#">A61F 5/37</a> )}
5/0093	. {Rectal devices, e.g. for the treatment of haemorrhoids}	5/028	. . . . {Braces for providing support to the lower back, e.g. lumbo sacral supports}
5/0096	. {Anti-rape devices}		
5/01	. Orthopaedic devices, e.g. splints, casts or braces		
5/0102	. . {specially adapted for correcting deformities of the limbs or for supporting them; Ortheses, e.g. with articulations}		
5/0104	. . . . {without articulation}		
5/0106	. . . . . {for the knees}		
5/0109	. . . . . {Sleeve-like structures}		
5/0111	. . . . . {for the feet or ankles}		
5/0113	. . . . . {Drop-foot appliances}		

- 5/03 . . 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](#)
- 5/04 . . Devices for stretching or reducing fractured limbs; Devices for distractions; Splints {(plaster of Paris bandages [A61F 13/04](#); with surgery [A61B 17/60](#))}
- 5/042 . . . for extension or stretching
- 5/048 . . . . Traction splints
- 5/05 . . . for immobilising ([A61F 5/0102](#) takes precedence)
- 5/055 . . . . Cervical collars
- 5/058 . . . . Splints
- 5/05808 . . . . . {Splints for clavicle fractures}
- 5/05816 . . . . . {Inflatable splints}
- 5/05825 . . . . . {Strips of substantially planar form}
- 5/05833 . . . . . {Splints rigidified by vacuum evacuation}
- 5/05841 . . . . . {for the limbs ([A61F 5/05816](#), [A61F 5/05833](#) take precedence)}
- 5/0585 . . . . . {for the legs (toe correcting devices [A61F 5/019](#))}
- 5/05858 . . . . . {for the arms (restraining devices, e.g. slings [A61F 5/37](#))}
- 5/05866 . . . . . {for wrists, hands, fingers or thumbs}
- 5/05875 . . . . . {for fingers}
- 5/05883 . . . . . {for the neck or head ([A61F 5/05816](#), [A61F 5/05833](#) take precedence; cervical supports [A61F 5/055](#))}
- 5/05891 . . . . . {for the head, e.g. jaws, nose (nose correcting [A61F 5/08](#))}
- 5/08 . . Devices for correcting deformities of the nose (; Devices for enlarging the nostril, e.g. for breathing improvement)
- 5/10 . . Devices for correcting deformities of the fingers
- 5/11 . . Devices for correcting deformities of the nails
- 5/14 . . Special medical insertions for shoes for flat-feet, club-feet, or the like (ordinary arch supports [A43B 7/14](#))
- 5/24 . . Trusses
- 5/26 . . . with belt springs
- 5/28 . . . Supports for trusses
- 5/30 . . Pressure-pads (corn-pads, corn-rings [A61F 13/06](#); {tourniquets [A61B 17/132](#))}
- 5/32 . . . Adjustable pressure pads
- 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 shirts ({handcuffs [E05B 75/00](#))}
- 5/3707 . . {for the head (cervical supports [A61F 5/055](#); splints [A61F 5/05883](#))}
- 5/3715 . . {for attaching the limbs to other parts of the body}
- 5/3723 . . . {for the arms}
- 5/373 . . . . {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 penis 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 27/00](#); {emptying devices for urine bags [B65B 69/0016](#)}); Colostomy devices (adhesives for colostomy devices [A61L 24/00](#); materials for colostomy devices [A61L 28/00](#))
- 5/4401 . . {with absorbent pads (diapers [A61F 13/49](#))}
- 2005/4402 . . {disposable}
- 5/4404 . . {Details or parts}
- 5/4405 . . . {Valves or valve arrangements specially adapted therefor ([A61F 5/441](#) takes precedence); Fluid inlets or outlets ([A61F 5/4407](#) takes precedence)}
- 5/4407 . . . {Closure means other than valves}
- 5/4408 . . . {Means for securing receptacles or bags to the body otherwise than by adhesives, e.g. belts, straps or harnesses ([A61F 5/449](#) takes precedence)}
- 5/441 . . having {venting or} deodorant means, e.g. filters (; having antiseptic means, e.g. bacterial barriers)
- 2005/4415 . . {venting by manual operation}
- 5/442 . . having irrigation ports or means (irrigators [A61M 3/02](#))
- 5/443 . . having {adhesive seals for securing to the body, e.g. of} hydrocolloid type, e.g. gels, starches, karaya gums ({adhesives or sealing pads therefor [A61L 24/00](#))}
- 5/445 . . Colostomy, {ileostomy or urethrostomy} devices ([A61F 5/441](#), [A61F 5/442](#), [A61F 5/443](#) take precedence)
- 2005/4455 . . . {Implantable}
- 5/448 . . . Means for attaching bag to seal ring
- 2005/4483 . . . {Convex pressure ring}
- 2005/4486 . . . {with operable locking ring}
- 5/449 . . . Body securing means, e.g. belts, garments
- 2005/4495 . . . {with floating-belt attaching ring}

- 5/451 . . Genital {or anal} receptacles ([A61F 5/441](#), [A61F 5/442](#), [A61F 5/443](#) take precedence {; other body securing means [A61F 5/4408](#); devices for taking faeces samples [A61B 10/0038](#); devices for taking urine samples [A61B 10/007](#)})
- 5/453 . . . for collecting urine or other discharge from male member ([A61F 6/04](#) takes precedence {; devices for taking sperm samples [A61B 10/0058](#)})
- 5/455 . . . for collecting urine or discharge from female member
- 5/4553 . . . . {placed in the vagina, e.g. for catamenial use (pessaries [A61F 6/08](#); absorbent cups [A61F 13/2045](#))}
- 5/4556 . . . . {Portable urination aids, e.g. to allow females to urinate from a standing position}
- 5/48 . Devices for preventing wetting or pollution of the bed
- 5/485 . . {Absorbent protective pads (mattress underlays [A47C 21/06](#); bed linen [A47G 9/02](#))}
- 5/50 . Devices for preventing finger-sucking
- 5/56 . Devices for preventing snoring {(by influencing the respiratory system by gas treatment [A61M 16/00](#))}
- 2005/563 . . {Anti-bruxisme}
- 5/566 . . {Intra-oral devices}
- 5/58 . Apparatus for correcting stammering or stuttering
- 6/00 Contraceptive devices; Pessaries; Applicators therefor (chemical aspects of contraception [A61K](#))**
- 6/005 . {Packages or dispensers for contraceptive devices}
- 6/02 . for use by males ([A61F 6/20](#) takes precedence)
- 6/04 . . Condoms, sheaths or the like {, e.g. combined with devices protecting against contagion}
- 2006/041 . . . {combined with a protective garment, e.g. underpants or mask}
- 2006/042 . . . . {covering the mouth, e.g. oral condom}
- 2006/043 . . . {with more than one barrier}
- 2006/044 . . . {with absorbent material}
- 2006/045 . . . {with closing devices at the open end}
- 2006/046 . . . . {for closing after use}
- 2006/047 . . . {with holding means}
- 2006/048 . . . {with surface protuberances}
- 2006/049 . . . {with strips to apply the condom}
- 6/06 . for use by females ([A61F 6/20](#) takes precedence)
- 6/065 . . {Condom-like devices worn by females}
- 6/08 . . Pessaries, i.e. devices worn in the vagina to support the uterus, remedy a malposition or prevent conception {, e.g. combined with devices protecting against contagion}
- 6/12 . . . Inserters or removers
- 6/14 . . intra-uterine type
- 6/142 . . . {Wirelike structures, e.g. loops, rings, spirals}
- 6/144 . . . . {with T-configuration}
- 6/146 . . . {Occluders for the cervical canal (occluding by internal devices [A61B 17/12022](#); dilators [A61M 29/00](#))}
- 6/148 . . . {with sheet-like structure}
- 6/16 . . . inflatable
- 6/18 . . . Inserters or removers {; Apparatus for loading an intra-uterine device into an insertion tube}
- 6/20 . Vas deferens occluders; Fallopian occluders
- 6/202 . . {Means specially adapted for ligaturing, compressing or clamping of oviduct or vas deferens (of tubular organs in general [A61B 17/12](#))}
- 6/204 . . . {Clamp applying devices}
- 6/206 . . {Clamps (ligaturing clamps or clips [A61B 17/122](#))}
- 6/208 . . {Implements for ligaturing}
- 6/22 . . implantable in tubes {(occluding by internal devices [A61B 17/12022](#))}
- 6/225 . . . {transcervical}
- 6/24 . . . characterised by valve means
- 7/00 Heating or cooling appliances for medical or therapeutic treatment of the human body (heating or cooling means in connection with bedsteads or mattresses [A47C 21/00](#) {; 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}
- 2007/0036 . . . . {Hand}
- 2007/0037 . . . . {Finger}
- 2007/0038 . . . . {Thumb}
- 2007/0039 . . {Leg or parts thereof}
- 2007/004 . . . . {Hip}
- 2007/0041 . . . . {Upper leg}
- 2007/0042 . . . . {Knee}
- 2007/0043 . . . . {Lower leg, calf}
- 2007/0044 . . . . {Ankle}
- 2007/0045 . . . . {Foot}

- 2007/0046 . . . {Toe}
- 2007/0047 . . . {Sole}
- 2007/0048 . . {Genitals}
- 2007/005 . . . {female}
- 2007/0051 . . {Stumps after amputation}
- 2007/0052 . . {for treatment of skin or hair}
- 7/0053 . {Cabins, rooms, chairs or units for treatment with a hot or cold circulating fluid}
- 2007/0054 . {with a closed fluid circuit, e.g. hot water}
- 2007/0055 . . {of gas, e.g. hot air or steam}
- 2007/0056 . . {for cooling}
- 2007/0057 . . . {of gas, e.g. air or carbon dioxide}
- 2007/0058 . . . {evaporating on or near the spot to be cooled}
- 2007/0059 . {with an open fluid circuit}
- 2007/006 . . {of gas}
- 2007/0061 . . . {Using breath}
- 2007/0062 . . . {the gas being steam or water vapour}
- 2007/0063 . . {for cooling}
- 2007/0064 . . . {of gas}
- 2007/0065 . . . . {Causing evaporation}
- 2007/0067 . . . . {of sweat}
- 2007/0068 . . . {evaporating on the spot to be cooled}
- 2007/0069 . . {with return means}
- 7/007 . {characterised by electric heating}
- 2007/0071 . . {using a resistor, e.g. near the spot to be heated}
- 2007/0072 . . . {remote from the spot to be heated}
- 2007/0073 . . . {thermistor}
- 2007/0074 . . . . {PTC}
- 2007/0075 . . {using a Peltier element, e.g. near the spot to be heated or cooled}
- 2007/0076 . . . {remote from the spot to be heated or cooled}
- 2007/0077 . . {Details of power supply}
- 2007/0078 . . . {with a battery}
- 2007/0079 . . . . {connectable to car battery}
- 2007/008 . . . . {with a separate, portable battery pack}
- 2007/0081 . . . {Low voltage, e.g. using transformer}
- 2007/0082 . . . . {D.C. ([A61F 2007/0078](#) takes precedence)}
- 2007/0084 . . . {using a solar cell}
- 7/0085 . {Devices for generating hot or cold treatment fluids}
- 2007/0086 . {with a thermostat}
- 2007/0087 . {Hand-held applicators}
- 2007/0088 . {Radiating heat}
- 2007/0089 . {Chemotherapy developing heat}
- 2007/009 . {with a varying magnetic field acting upon the human body, e.g. an implant therein}
- 2007/0091 . {inflatable}
- 2007/0092 . . {with, or also with, a substance other than air}
- 2007/0093 . {programmed}
- 2007/0094 . {using a remote control}
- 2007/0095 . {with a temperature indicator}
- 2007/0096 . . {with a thermometer}
- 7/0097 . {Blankets with active heating or cooling sources ([warming mats A61F 7/08](#))}
- 2007/0098 . {ways of manufacturing heating or cooling devices for therapy}
- 7/02 . Compresses or poultices for effecting heating or cooling
- 2007/0201 . . {shaped as a doll}
- 2007/0203 . . {Cataplasms, poultices or compresses, characterised by their contents; Bags therefor}
- 2007/0204 . . . {containing clay, mud, fango, sand, kaolin clay, volcanic or other inorganic granular solids}
- 2007/0206 . . . {containing organic solids or fibres}
- 2007/0207 . . . . {Plants, dried plants, seeds or fruits}
- 2007/0209 . . . . {Synthetics, e.g. plastics}
- 2007/0211 . . . . . {Granulars}
- 2007/0212 . . . . . {Foams}
- 2007/0214 . . . . . {Polymers, e.g. water absorbing}
- 2007/0215 . . . {containing liquids other than water}
- 2007/0217 . . . . {Oils}
- 2007/0219 . . . . {Gels}
- 2007/022 . . . {Bags therefor}
- 2007/0222 . . . . {made of synthetics, e.g. plastics}
- 2007/0223 . . . . {made of textiles}
- 2007/0225 . . {connected to the body or a part thereof}
- 2007/0226 . . . {adhesive, self-sticking}
- 2007/0228 . . . {with belt or strap, e.g. with buckle}
- 2007/023 . . . . {with pockets for receiving packs or pouches}
- 2007/0231 . . . {hook and loop-type fastener}
- 2007/0233 . . . {connected to or incorporated in clothing or garments ([A61F 2007/023](#) takes precedence)}
- 2007/0234 . . . . {for the upper part of the trunk, e.g. bodice}
- 2007/0236 . . . . {for the lower part of the trunk, e.g. panty}
- 2007/0238 . . . . {in a pocket ([A61F 2007/023](#) takes precedence)}
- 2007/0239 . . . {using vacuum}
- 7/0241 . {Apparatus for the preparation of hot packs, hot compresses, cooling pads, e.g. heaters or refrigerators}
- 2007/0242 . . {heated by microwaves}
- 2007/0244 . . {with layers}
- 2007/0246 . . . {with a layer having high heat transfer capability}
- 2007/0247 . . . . {Using a substance with high conductivity}
- 2007/0249 . . . {with a layer having low heat transfer capability}
- 2007/025 . . . . {retaining air or other gas}
- 2007/0252 . . . . . {in closed compartments}
- 2007/0253 . . . . {using a substance with low conductivity ([A61F 2007/025](#) takes precedence)}
- 2007/0255 . . . . {with a reflective layer}
- 2007/0257 . . . {with a fluid impermeable layer}
- 2007/0258 . . . {with a fluid permeable layer}
- 2007/026 . . . {with a fluid absorbing layer}
- 2007/0261 . . {medicated}
- 2007/0263 . . . {made of a substance with therapeutic action, e.g. copper or silver}
- 2007/0265 . . . {antiallergic}
- 2007/0266 . . {without external heat source, i.e. using one's own body heat ([A61F 2007/0061](#) takes precedence)}
- 2007/0268 . . {having a plurality of compartments being filled with a heat carrier ([heat packs stored in pockets A61F 2007/023](#), [A61F 2007/0238](#))}
- 2007/0269 . . . {with separable compartments, e.g. reconnectable}
- 2007/0271 . . . . {Permanently separable compartments, e.g. with rupturable portions}
- 2007/0273 . . . {with openings in the walls between the compartments serving as passageways for the filler ([flowing in circuits A61F 2007/0054](#), [A61F 2007/0059](#))}



- 2007/0274 . . . {the walls being reduced to spot connections, e.g. spot welds}
- 2007/0276 . . . {with separate compartments connectable by rupturing a wall or membrane}
- 2007/0277 . . {Other details of hot water bottles, heat packs or cold packs}
- 2007/0279 . . . {Removable covers or sleeves (pockets connected to the body or parts thereof [A61F 2007/023](#), [A61F 2007/0238](#))}
- 2007/028 . . . {Devices for wringing}
- 2007/0282 . . {for particular medical treatments or effects}
- 2007/0284 . . . {Treatment of stings or bites}
- 2007/0285 . . . {Local anaesthetic effect}
- 2007/0287 . . . {Preventing negative effects of chemotherapy}
- 2007/0288 . . . {during operations}
- 2007/029 . . . {Fat cell removal or destruction by non-ablative heat treatment}
- 2007/0292 . . {using latent heat produced or absorbed during phase change of materials, e.g. of super-cooled solutions}
- 2007/0293 . . . {Triggers, activators or catalysts therefor}
- 2007/0295 . . {for heating or cooling or use at more than one temperature}
- 2007/0296 . . . {Intervals of heating alternated with intervals of cooling}
- 2007/0298 . . . {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
- 2007/083 . . {with an outlets tube, e.g. for enema or irrigation}
- 7/086 . . {Closures; Filling openings}
- 7/10 . . Cooling bags, e.g. ice-bags
- 2007/101 . . {for cooling organs in the body before or during surgery}
- 7/103 . . {refillable}
- 2007/105 . . . {Closures specially adapted for icebags or packs}
- 7/106 . . {self-cooling, e.g. using a chemical reaction}
- 2007/108 . . {Cold packs, i.e. devices to be cooled or frozen in refrigerator or freezing compartment}
- 7/12 . . Devices for heating or cooling internal body cavities
- 7/123 . . {using a flexible balloon containing the thermal element}
- 2007/126 . . {for invasive application, e.g. for introducing into blood vessels}

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

- 9/00 **Methods or devices for treatment of the eyes; Devices for putting-in contact lenses; Devices to correct squinting; Apparatus to guide the blind; Protective devices for the eyes, carried on the body or in the hand (caps with means for protecting the eyes [A42B 1/06](#); visors for helmets [A42B 3/22](#); 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](#))**
- 9/0008 . {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](#))}
- 9/0017 . . {implantable in, or in contact with, the eye, e.g. ocular inserts}
- 9/0026 . . {Ophthalmic product dispenser attachments to facilitate positioning near the eye}
- 2009/0035 . {Devices for immobilising a patient's head with respect to the instrument}
- 2009/0043 . . {by supporting the instrument on the patient's head, e.g. head bands}
- 2009/0052 . . . {the instrument being supported on the patient's eye}
- 9/0061 . {Devices for putting-in contact lenses}
- 9/007 . Methods or devices for eye surgery
- 9/00709 . . {Instruments for removing foreign bodies (for removal of intra-ocular material [A61F 9/00736](#))}
- 9/00718 . . {Restoration of lid function}
- 9/00727 . . {Apparatus for retinal reattachment}
- 9/00736 . . {Instruments for removal of intra-ocular material or intra-ocular injection, e.g. cataract instruments ([A61F 9/008](#) takes precedence)}
- 9/00745 . . . {using mechanical vibrations, e.g. ultrasonic}
- 9/00754 . . . {for cutting or perforating the anterior lens capsule, e.g. capsulotomes}
- 9/00763 . . . {with rotating or reciprocating cutting elements, e.g. concentric cutting needles (atherectomy cutting instruments [A61B 17/3207](#); endoscopic cutting instruments [A61B 17/320016](#))}
- 9/00772 . . {Apparatus for restoration of tear ducts}
- 9/00781 . . {Apparatus for modifying intraocular pressure, e.g. for glaucoma treatment (drainage implants in general [A61M 27/002](#))}
- 9/0079 . . {using non-laser electromagnetic radiation, e.g. non-coherent light or microwaves}
- 9/008 . . using laser
- 9/00802 . . . {for photoablation}
- 9/00804 . . . . {Refractive treatments}
- 9/00806 . . . . . {Correction of higher orders}
- 9/00808 . . . . . {Inducing higher orders, e.g. for correction of presbyopia}
- 9/0081 . . . . . {Transplantation}
- 9/00812 . . . . . {Inlays; Onlays; Intraocular lenses [IOL]}
- 9/00814 . . . . . {Laser features or special beam parameters therefor}
- 9/00817 . . . . . {Beam shaping with masks}

- 9/00819 . . . . . {with photoablatable masks}
- 9/00821 . . . {for coagulation}
- 9/00823 . . . . . {Laser features or special beam parameters therefor}
- 9/00825 . . . . . {for photodisruption}
- 9/00827 . . . . . {Refractive correction, e.g. lenticle}
- 9/00829 . . . . . {Correction of higher orders}
- 9/00831 . . . . . {Transplantation}
- 9/00834 . . . . . {Inlays; Onlays; Intraocular lenses [IOL]}
- 9/00836 . . . . . {Flap cutting}
- 9/00838 . . . . . {Correction of presbyopia}
- 9/0084 . . . . . {Laser features or special beam parameters therefor}
- 2009/00842 . . . {Permanent Structural Change [PSC] in index of refraction; Limit between ablation and plasma ignition}
- 2009/00844 . . . {Feedback systems}
- 2009/00846 . . . . . {Eyetracking}
- 2009/00848 . . . . . {based on wavefront}
- 2009/00851 . . . . . {Optical coherence topography [OCT]}
- 2009/00853 . . . {Laser thermal keratoplasty or radial keratotomy}
- 2009/00855 . . . {Calibration of the laser system}
- 2009/00857 . . . . . {considering biodynamics}
- 2009/00859 . . . . . {considering nomograms}
- 2009/00861 . . . {adapted for treatment at a particular location}
- 2009/00863 . . . . . {Retina}
- 2009/00865 . . . . . {Sclera}
- 2009/00868 . . . . . {Ciliary muscles or trabecular meshwork}
- 2009/0087 . . . . . {Lens}
- 2009/00872 . . . . . {Cornea}
- 2009/00874 . . . . . {Vitreous}
- 2009/00876 . . . . . {Iris}
- 2009/00878 . . . {Planning}
- 2009/0088 . . . . . {based on wavefront}
- 2009/00882 . . . . . {based on topography}
- 2009/00885 . . . {for treating a particular disease}
- 2009/00887 . . . . . {Cataract}
- 2009/00889 . . . . . {Capsulotomy}
- 2009/00891 . . . . . {Glaucoma}
- 2009/00893 . . . . . {Keratoconus}
- 2009/00895 . . . . . {Presbyopia}
- 2009/00897 . . . {Scanning mechanisms or algorithms}
- 9/009 . . . Auxiliary devices making contact with the eyeball and coupling in laser light, {e.g. goniolenses (apparatus for eye examination [A61B 3/0008](#))}
- 9/013 . . . {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}
- 9/0133 . . . {Knives or scalpels specially adapted therefor}
- 9/0136 . . . {Mechanical markers}
- 9/02 . . . Goggles {(breathing masks [A62B 18/00](#); swimming goggles [A63B 33/002](#); diving masks [B63C 11/12](#))}
- 2009/021 . . . {Goggles with prescription spectacle lenses}
- 9/022 . . . {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](#))}
- 9/023 . . . {with variable transmission, e.g. photochromic (for welding [A61F 9/067](#))}
- 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 ears, 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 11/002](#) 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}  
 2013/0011 . . . {spray}

- 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 CO<sub>2</sub> 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-linting or frying [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/m<sup>2</sup>/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 hydrophilic}
- 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}
- 2013/0034 . . {with triboelectric materials}
- 2013/00344 . . . {for increasing oxygen partial pressure}
- 2013/00348 . . {lint-free, i.e. non-linting or frying ([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 2013/00574](#))}
- 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}
- 2013/004 . . . . {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 2013/00561](#); 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](#); changing the adhesion force with strain value [A61F 2013/00838](#))}
- 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 felons [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 superabsorbers [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 2013/00097](#))}
- 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](#))}



- 2013/00565 . . . . {with hook and loop-type fastener connecting means}
- 2013/0057 . . . . {with openable cover}
- 2013/00574 . . . . {shaped as a body part ([A61F 2013/00187](#) take precedence; use of plasters [A61F 2013/00365](#); containing means for different purposes [A61F 2013/00902](#))}
- 2013/00578 . . . . {conformable; soft or flexible, e.g. elastomeric}
- 2013/00582 . . . . {Properties of backing}
- 2013/00587 . . . . {Thickness}
- 2013/00591 . . . . {breaking stress or force}
- 2013/00595 . . . . {breaking strain or extension}
- 2013/006 . . . . {Elastic modulus}
- 2013/00604 . . . . {Multilayer}
- 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 superabsorbers [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 . . . . {polymeric base}
- 2013/00663 . . . . {acrylic}
- 2013/00668 . . . . {Ether}
- 2013/00672 . . . . {cyano-acrylic}
- 2013/00676 . . . . {hydrogel}
- 2013/0068 . . . . {cross-linked by radiations, 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 mucosae}
- 2013/00719 . . . . {adhesives for use on wounds}
- 2013/00723 . . . . {non-adhesive skin fixation}
- 2013/00727 . . . . {means for wound humidity control}
- 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 bandages 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 mucosae [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 essudates}
- 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 2013/00272](#); 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/mg/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 2013/00697](#); hydrogel-based adhesives for plasters [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-microbial}
- 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 2013/0034](#))}
- 2013/00927 . . . {with biological activity, e.g. enzymes for debridging 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 . . {anallergic or hypoallergic material}
- 13/00987 . {Apparatus or processes for manufacturing non-adhesive dressings or bandages}
- 13/00991 . . {for treating webs, e.g. for moisturising, coating, impregnating or applying powder}
- 13/00995 . . . {for mechanical treatments}
- 13/02 . . Adhesive plasters or dressings ([A61F 13/06](#) - [A61F 13/15](#) take precedence; {for diagnosis, e.g. allergy test patches, [A61B 10/0035](#)}; surgical adhesives or cements [A61L 24/00](#); {for transdermal drug administration [A61M 35/00](#))}
- 13/0203 . . {having a fluid handling member}
- 13/0206 . . . {the fluid handling member being absorbent fibrous layer, e.g. woven or nonwoven absorbent pad, island dressings}
- 13/0209 . . . . {comprising superabsorbent material}
- 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 occlusive 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 5/443](#); for nappies or sanitary towels [A61F 13/58](#); 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 ( <a href="#">orthoses A61F 5/0102</a> )}	2013/15048	. . . {for protection against contamination, or protection in using body disinfecting wipes}
13/06	. specially adapted for feet or legs; Corn-pads; Corn-rings	2013/15056	. . . {for the protection for furniture, e.g. car seats, chairs, beds}
13/061	. . {for knees ( <a href="#">incorporating non-textile reinforcing elements, e.g. springs or stays, A61F 5/0111; Patella supports</a> )}	2013/15065	. . . {for protecting in contaminated ambience, e.g. NBC or industrial chemicals}
13/062	. . . {Openable readjustable}	2013/15073	. . . {as drapes}
13/063	. . {Corn-pads; Corn-rings}	2013/15081	. . . {as prophylaxis}
13/064	. . {for feet ( <a href="#">incorporating non-textile reinforcing elements, e.g. springs or stays A61F 5/0111; corn-pads, corn-rings A61F 13/063</a> )}	2013/15089	. . . {as facial prophylaxis}
13/065	. . . {Looped bandages around the forefoot ( <a href="#">A61F 13/068 takes precedence</a> )}	2013/15097	. . . {as genital prophylaxis}
13/066	. . . {for the ankle}	2013/15105	. . . {as contraceptive, e.g. condom}
13/067	. . . {for the sole of the foot ( <a href="#">rigid shoe insertions for supporting the sole A61F 5/14</a> )}	2013/15113	. . . {for haemorrhoids}
13/068	. . . {for the toes ( <a href="#">toe correcting or spreading devices A61F 5/019</a> )}	2013/15121	. . . {for mild incontinence}
13/069	. . . {Decubitus ulcer bandages}	2013/1513	. . . {for anal discharge}
13/08	. Elastic stockings; for contracting aneurisms	2013/15138	. . . {for flatus, i.e. gas}
13/085	. . . {Openable readjustable}	2013/15146	. . . {for urine collection}
13/10	. specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors ( <a href="#">restraining devices for arms A61F 5/37; shoulder bandages A61F 13/14</a> )}	2013/15154	. . . {for hospitalised patients}
13/101	. . {for the elbow, e.g. decubitus ulcer bandages ( <a href="#">A61F 13/107 takes precedence</a> )}	2013/15162	. . . {for jaundice phototherapy, i.e. UV light-permeable or transparent materials}
13/102	. . . {Openable readjustable}	2013/1517	. . . {for puerperae, i.e. after childbirth}
13/104	. . {for the hands or fingers ( <a href="#">A61F 13/107 takes precedence</a> )}	2013/15178	. . . {for prevention and therapy of hip dysplasia or subluxation}
13/105	. . . {for the fingers; Finger-stalls; Nail-protectors ( <a href="#">devices for correcting deformities of the nails A61F 5/11</a> )}	2013/15186	. . . {for animals}
13/107	. . {for wrist support ( <a href="#">incorporating non-textile reinforcing elements, e.g. springs or metal braces A61F 5/0118</a> ); Compression devices for tennis elbow (epicondylitis)}	2013/15195	. . . {as swimwear}
13/108	. . . {Openable readjustable}	13/15203	. . {Properties of the article, e.g. stiffness or absorbency ( <a href="#">chemical aspects A61L 15/00</a> )}
13/12	. specially adapted for the head or neck	13/15211	. . . {soluble or disintegratable in liquid}
13/122	. . {specially adapted for the face}	2013/15219	. . . {by mechanical separation of water resistant parts}
13/124	. . . {specially adapted for the eyes}	2013/15227	. . . {by its solubility in particular Ph solution}
13/126	. . . {specially adapted for the nose}	2013/15235	. . . {by its solubility in water}
13/128	. . {specially adapted for the neck}	2013/15243	. . . {printed or coloured, e.g. to match skin}
13/14	. specially adapted for the breast or abdomen ( <a href="#">corsets or bandages for support of breast or abdomen A61F 5/03</a> )	13/15252	. . . {compostable or biodegradable}
13/141	. . {Milk breast pads}	2013/1526	. . . {compostable}
13/143	. . {Thorax bandages or bandaging garments}	13/15268	. . . {reusable ( <a href="#">with separable parts A61F 13/505</a> )}
13/145	. . . {specially adapted for the female anatomy}	2013/15276	. . . {washable}
13/146	. . {Shoulder bandages or bandaging garments}	2013/15284	. . . {characterized by quantifiable properties}
13/148	. . {Abdomen bandages or bandaging garments}	2013/15292	. . . {Resistance, i.e. modulus or strength}
13/15	. Absorbent pads, e.g. sanitary towels, swabs or tampons for external or internal application to the body ( <a href="#">non-absorbent catamenial receptacles A61F 5/44</a> ); Supporting or fastening means therefor; Tampon applicators	2013/153	. . . {in dry conditions}
2013/15008	. . {characterized by the use}	2013/15308	. . . {in wet conditions, i.e. wet strength}
2013/15016	. . . {for breast; pads for bras}	2013/15317	. . . {Wet compressibility, i.e. void volume/gr}
2013/15024	. . . {for protecting the body against ulcers}	2013/15325	. . . {Stress relaxation or compression recovery}
2013/15032	. . . {as umbilical bandage}	2013/15333	. . . {to hot, e.g. 90 decC washing procedures}
2013/1504	. . . {for avoiding contact with umbilical region}	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}
- 2013/1552 . . . . {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 pulverulent 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 pulverulent 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}
- 2013/15715 . . . . {Shaping or making outer layers}
- 13/15723 . . . . {Partitioning batts; Cutting}
- 13/15731 . . . . {Treating webs, e.g. for giving them a fibre-like appearance, e.g. by embossing}
- 13/15739 . . . . {Sealing, e.g. involving cutting}
- 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}	2013/426	. . . . {Moisture sensitive polymers}
13/2037	. . . . {having grooves or ribs, having a main axis in the radial direction}	2013/427	. . . . {pH indicator}
13/204	. . . . {having an external member remaining outside the body cavity, e.g. for form fitting or leakage prevention ( <a href="#">withdrawal strings</a> <a href="#">persee A61F 13/34</a> )}	2013/428	. . . . {for articles with superabsorbent materials}
13/2042	. . . . {having a central tubular opening}	2013/429	. . . . {Thermochromic materials, e.g. ink or dye}
13/2045	. . . . {Cup-shaped type tampons ( <a href="#">non-absorbent catamenial cups A61F 5/4553</a> )}	13/44	. . with radio-opaque material or signalling means for residual material
13/2048	. . . . {Ball-shaped tampons}	13/45	. . characterised by the shape ( <a href="#">cup-shaped type tampons A61F 13/2045</a> )
13/2051	. . . {characterised by the material or the structure of the inner absorbing core}	2013/4506	. . . . {special configurations using catheter or tube}
13/2054	. . . . {made by compressing a not-rolled web or pledged}	2013/4512	. . . . {folded in special shape during use ( <a href="#">A61F 13/534</a> , <a href="#">A61F 13/551</a> , <a href="#">A61F 13/56</a> , <a href="#">A61F 13/15747</a> take precedence)}
13/2057	. . . . {made of foam}	2013/4518	. . . . {formed from two separated panels}
13/206	. . . . {Tampons made of rolled-up material}	2013/4525	. . . . . {by front and rear joined laterally at the crotch}
13/2062	. . . . {Tampons made from folded lengths of material, e.g. of string}	2013/4531	. . . . . {by lateral panels joined at the centreline, i.e. along the longitudinal axis}
13/2065	. . . . {Tampons folded from sheets of material ( <a href="#">A61F 13/206</a> takes precedence)}	2013/4537	. . . . . {with aeration ducts ( <a href="#">with hose-like, tubular sealing barriers A61F 13/49473</a> )}
13/2068	. . . . {Tampons made from several layers ( <a href="#">A61F 13/2065</a> , <a href="#">A61F 13/206</a> take precedence)}	2013/4543	. . . . . {with a special transverse section ( <a href="#">A61F 13/534</a> takes precedence)}
13/2071	. . . {characterised by the material or the structure of the outer layer}	2013/455	. . . . . {having a "W" shape}
13/2074	. . . {impregnated with hydrophobic, hydrophilic, skin enhancers, medicinal etc. substances}	2013/4556	. . . . . {having a "M" shape}
13/2077	. . . {having a visual effect, e.g. printed or embossed}	2013/4562	. . . . . {cup-shaped}
13/208	. . . {having means for avoiding leakage, e.g. liquid impermeable withdrawal end ( <a href="#">A61F 13/204</a> takes precedence)}	2013/4568	. . . . . {three-dimensional; with split absorbent core}
13/2082	. . . {Apparatus or processes of manufacturing}	2013/4575	. . . . . {connected by elastic means}
13/2085	. . . . {Catamenial tampons}	2013/4581	. . . . . {with absorbent core in separated pieces}
13/2088	. . . . . {shaping the tampon by compressing}	2013/4587	. . . . {with channels or deep spot depressions on the upper surface ( <a href="#">A61F 13/4704</a> and <a href="#">A61F 13/49001</a> take precedence)}
13/2091	. . . . . {providing grooves on the tampon}	2013/4593	. . . . {allowing introduction of medical instruments without removing the absorbent article}
13/2094	. . . . . {rolling a web material to form a tampon}	13/47	. . . Sanitary towels, incontinence pads or napkins ( <a href="#">A61F 13/49</a> takes precedence)
13/2097	. . . . . {method of manufacturing tampon applicators}	13/4702	. . . . {having a reinforcing member}
13/26	. . . Means for inserting tampons {, i.e. applicators}	13/4704	. . . . {having preferential bending zones, e.g. fold lines or grooves}
13/263	. . . . {with reduced length before use, e.g. with folding rod}	2013/4706	. . . . {enlarged in the anal area}
13/266	. . . . {Insertion devices, e.g. rods or plungers, separate from the tampon}	2013/4708	. . . . {Panty-liner}
13/28	. . . . with lubricating means	13/471	. . . . specially adapted for male use
13/34	. . . Means for withdrawing tampons {, e.g. withdrawal strings}	13/472	. . . . specially adapted for female use ( <a href="#">A61F 13/474</a> , <a href="#">A61F 13/475</a> , <a href="#">A61F 13/476</a> take precedence)}
13/36	. . Surgical swabs, e.g. for absorbency or packing body cavities during surgery ( <a href="#">A61F 13/38</a> takes precedence)	13/47209	. . . . . {having only interlabial part, i.e. with no extralabial parts}
13/38	. . Swabs having a stick-type handle, {e.g. cotton tips ( <a href="#">ear cleaners other than cotton tips A61F 11/006</a> ; swabs containing a liquid, e.g. in a rupturable reservoir, <a href="#">A61M 35/006</a> )}	13/47218	. . . . . {with a raised crotch region, e.g. hump}
13/385	. . . {Apparatus or processes of manufacturing}	13/47227	. . . . . {for interlabial use}
13/42	. . with wetness indicator or alarm	13/47236	. . . . . {characterised by an unusual contour}
2013/421	. . . {the alarm being a temperature change}	13/47245	. . . . . {with asymmetry around the x or y axis}
2013/422	. . . {the alarm being a colour change}	13/47254	. . . . . {with a tanga shape}
2013/423	. . . {the alarm being a volume change or a movement of a component}	13/47263	. . . . . {with activating means, e.g. elastic, heat or chemical activatable means}
2013/424	. . . {having an electronic device}	13/47272	. . . . . {with a longitudinal raised end, e.g. cup-shaped gluteal groove ( <a href="#">for edge leakage prevention A61F 13/494</a> )}
2013/425	. . . {being also a toilet training aid}	2013/47281	. . . . . {with internal collecting device}
		2013/4729	. . . . . {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}

13/4752	. . . . .	{the means being an upstanding barrier}	2013/49042	. . . . .	{with only stretchable part, i.e. part being not elastic but only extensible with not a full recovery of its original length}
13/4753	. . . . .	{the barrier being not integral with the topsheet or backsheet}	2013/49044	. . . . .	{being stretchable non-elastic panels, <a href="#">(A61F 13/4902 takes precedence)</a> }
13/4755	. . . . .	{the means being a flat barrier on or inside the absorbent article, e.g. backsheet wrapped around the edges}	2013/49046	. . . . .	{at the crotch}
13/4756	. . . . .	{the means consisting of grooves, e.g. channels, depressions or embossments, resulting in a heterogeneous surface level}	2013/49047	. . . . .	{at the ears}
13/4757	. . . . .	{the means being located outside the perimeter of the absorbent core <a href="#">(A61F 13/4752 takes precedence)</a> }	2013/49049	. . . . .	{on the hips}
13/4758	. . . . .	{the means preventing fluid flow in a longitudinal direction}	2013/4905	. . . . .	{at the waist}
13/476	. . . .	characterised by encircling the crotch region of the undergarment	2013/49052	. . . . .	{having a specific direction of stretchability}
13/49	. . .	Absorbent articles specially adapted to be worn around the waist, e.g. diapers	2013/49053	. . . . .	{being stretchable in the longitudinal direction or machine direction, i.e. longitudinal}
13/49001	. . . .	{having preferential bending zones, e.g. fold lines or grooves}	2013/49055	. . . . .	{being stretchable in transversal direction or cross machine direction}
13/49003	. . . .	{Reusable, washable fabric diapers}	2013/49057	. . . . .	{being stretchable in both longitudinal and transversal direction}
13/49004	. . . .	{with fastening means}	13/49058	. . . .	{characterised by the modular concept of constructing the diaper}
13/49006	. . . .	{the reusable article being in the form of pants or briefs, e.g. slip or panty for light incontinence}	13/4906	. . . .	{the diaper having an outer chassis forming the diaper and an independent absorbent structure attached to the chassis}
13/49007	. . . .	{Form-fitting, self-adjusting disposable diapers}	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}
13/49009	. . . .	{with elastic means}	2013/49063	. . . .	{the diaper having decoupled components}
13/49011	. . . .	{the elastic means is located at the waist region}	2013/49065	. . . .	{being joined by a transverse line}
13/49012	. . . .	{the elastic means being elastic panels}	2013/49066	. . . .	{being joined by an area of low stiffness}
13/49014	. . . .	{the elastic means is located at the side panels}	2013/49068	. . . .	{characterized by the shape of the outline}
13/49015	. . . .	{the elastic means being elastic panels}	2013/49069	. . . .	{being rectangular, i.e. parallelepiped}
13/49017	. . . .	{the elastic means being located at the crotch region}	2013/49071	. . . .	{being triangular}
13/49019	. . . .	{the elastic means being placed longitudinally, transversely or diagonally over the article}	2013/49073	. . . .	{being trapezoidal}
13/4902	. . . .	{characterised by the elastic material}	2013/49074	. . . .	{hourglass; dog bone-shaped}
2013/49022	. . . .	{being elastomeric sheet}	2013/49076	. . . .	{as "I"-shaped}
2013/49023	. . . .	{being textured, e.g. corrugated}	2013/49077	. . . .	{as "T"-shaped}
2013/49025	. . . .	{having multiple elastic strands}	2013/49079	. . . .	{as backbone-shape}
2013/49026	. . . .	{with variable spacing}	2013/4908	. . . .	{concave}
2013/49028	. . . .	{with different tensile stress}	2013/49082	. . . .	{being a complex shape not covered by the other groups <a href="#">A61F 2013/49068-A61F 2013/4908</a> }
2013/4903	. . . .	{being a net}	2013/49084	. . . .	{conformable}
2013/49031	. . . .	{being elastic in longitudinal direction}	2013/49085	. . . .	{with a multiplicity of rounded, i.e. spherical elements}
2013/49033	. . . .	{being elastic in transversal direction}	2013/49087	. . . .	{having breakable lateral stitches or panels}
2013/49034	. . . .	{being elastic in both the transversal and longitudinal direction}	2013/49088	. . . .	{characterized by the leg opening}
2013/49036	. . . .	{having a inelastic zone by deactivating the elastic property}	2013/4909	. . . .	{being asymmetric leg openings}
2013/49038	. . . .	{the elastic means is located all around the absorbent article's perimeter}	2013/49092	. . . .	{comprising leg cuffs}
2013/49039	. . . .	{the elastic means is located around the target zone}	2013/49093	. . . .	{having multiple barriers}
2013/49041	. . . .	{having a specific location other than covered by groups <a href="#">A61F 13/49011 - A61F 13/49019</a> }	2013/49095	. . . .	{Being formed by lateral sleets}
			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}

13/493	. . . . adjustable {by adding or removing material, e.g. umbilical cord arrangements (adjustable by the fastening <a href="#">A61F 13/5638</a> , <a href="#">A61F 13/5655</a> )}	2013/51009	. . . . {characterized by the shape of the fibres}
13/494	. . . . characterised by edge leakage prevention means	2013/51011	. . . . {characterized by the count of the fibres, e.g. denier or tex}
13/49406	. . . . {the edge leakage prevention means being at the crotch region}	2013/51014	. . . . {characterized by the connection between the fibres}
13/49413	. . . . {the edge leakage prevention means being an upstanding barrier}	2013/51016	. . . . {followed by a distension heat treatment}
13/4942	. . . . {the barrier not being integral with the top- or back-sheet}	2013/51019	. . . . {being cellulosic material}
13/49426	. . . . {the barrier having an absorbent medium}	2013/51021	. . . . {being chemically modified}
2013/49433	. . . . {the barrier having variable heights}	2013/51023	. . . . {being polymeric fibres}
2013/4944	. . . . {having multiple barriers}	2013/51026	. . . . {being in thermoplastic material}
13/49446	. . . . {the edge leakage prevention means being an impermeable sheet or impermeable part of a sheet placed on or under the top sheet ( <a href="#">A61F 13/49413</a> takes precedence)}	2013/51028	. . . . {being bicomponent}
13/49453	. . . . {the edge leakage prevention sheet being combined with the impermeable backing sheet, e.g. integral with the backing sheet}	2013/5103	. . . . {being hydrophobic}
13/4946	. . . . {the edge leakage prevention means being an absorbent medium ( <a href="#">A61F 13/49426</a> takes precedence)}	2013/51033	. . . . {being hydrophilic}
13/49466	. . . . {the edge leakage prevention means being at the waist region}	2013/51035	. . . . {being biodegradable, e.g. Rayon, polylactate, dioxanone}
13/49473	. . . . {the edge leakage prevention means having a continuous closed form, e.g. circle, ellipse, rectangle}	2013/51038	. . . . {being a mixture of fibres}
2013/4948	. . . . {the edge leakage prevention means being elastic}	2013/5104	. . . . {with pulp and polymeric fibres}
2013/49486	. . . . {the edge leakage prevention means being padded}	2013/51042	. . . . {with hydrophobic and hydrophilic fibres}
2013/49493	. . . . {the edge leakage prevention means being or forming three-dimensional barrier with raised lateral side-or end-wall}	2013/51045	. . . . {with thermoplastic binder}
13/495	. . . . with faecal cavity	2013/51047	. . . . {with antibacterial agents}
2013/4951	. . . . {with internal barriers}	2013/5105	. . . . {with mineral or inert material}
2013/4953	. . . . {with rear faecal part separate from front urinary part}	2013/51052	. . . . {having different diameters}
2013/4955	. . . . {with separable, disposable upper body layer}	2013/51054	. . . . {having different densities}
2013/4956	. . . . {with vertical spacer or separator keeping other components out of contact}	2013/51057	. . . . {having different ratio of fibres}
2013/4958	. . . . {with a faecal management layer}	2013/51059	. . . . {being sprayed with chemicals}
13/496	. . . . in the form of pants or briefs	2013/51061	. . . . {for rendering the surface hydrophobic}
13/4963	. . . . {characterized by the seam}	2013/51064	. . . . {in the legs area}
2013/4966	. . . . {with intentionally damp topsheet}	2013/51066	. . . . {for rendering the surface hydrophilic}
13/505	. . . . with separable parts, e.g. combination of disposable and reusable parts, ( <a href="#">A61F 13/20</a> , <a href="#">A61F 13/49003</a> take precedence; supporting or fastening means <a href="#">A61F 13/56</a> ; {belts or the like <a href="#">A61F 13/64</a> })	2013/51069	. . . . {by hydrophilisation with plasma or corona discharge}
2013/5055	. . . . {Possibility of doubling or putting in new pieces}	2013/51071	. . . . {with anti-static agents}
13/51	. . . . characterised by the outer layers {(wicking or transfer layers <a href="#">A61F 13/537</a> )}	2013/51073	. . . . {with lubricants}
2013/51002	. . . . {with special fibres}	2013/51076	. . . . {with perfumes or odour-masking agents}
2013/51004	. . . . {characterized by the length of the fibres}	2013/51078	. . . . {being embossed}
2013/51007	. . . . {characterized by the orientation of fibres}	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 ( <a href="#">A61F 13/51108</a> 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}

2013/51143	. . . . .	{being papers}	13/51394	. . . . .	{creating a visual effect, e.g. having a printed or coloured topsheet, printed or coloured sub-layer but being visible from the topsheet, other than embossing for purposes of bonding, wicking, acquisition, leakage-prevention}
2013/51147	. . . . .	{being polymeric films}	13/514	. . .	Backsheet, i.e. the impermeable cover or layer furthest from the skin {(A61F 13/15211, A61F 13/15252 take precedence)}
2013/51152	. . . . .	{having specific distance between the fibres}	13/51401	. . . . .	{characterised by the material}
2013/51156	. . . . .	{having integrally attached}	13/51403	. . . . .	{with activating means, e.g. for closing apertures upon contact with water}
13/5116	. . . . .	{being formed of multiple layers (A61F 13/5123 takes precedence)}	13/51405	. . . . .	{treated or coated, e.g. with moisture repellent agent}
2013/51165	. . . . .	{with the combination of films and nonwovens}	2013/51407	. . . . .	{being flexible}
2013/51169	. . . . .	{the nonwoven being hydroentangled or needlingentangled to the film}	2013/51409	. . . . .	{being a film}
2013/51173	. . . . .	{with the combination of polymeric films}	2013/51411	. . . . .	{being impervious to fluids but not for air or vapours}
2013/51178	. . . . .	{with the combination of nonwoven webs}	2013/51413	. . . . .	{with macroscopic openings}
2013/51182	. . . . .	{with non-continuous bonding}	2013/51415	. . . . .	{with pores}
2013/51186	. . . . .	{specially shaped topsheets}	2013/51417	. . . . .	{with thin films}
2013/51191	. . . . .	{Self-sealing top layers}	2013/51419	. . . . .	{with stretched areas}
2013/51195	. . . . .	{not contacting the absorber}	2013/51421	. . . . .	{only in special places}
13/512	. . . . .	characterised by its apertures, e.g. perforations	2013/51423	. . . . .	{the vapour permeability being less than 500g/m/24h}
13/5121	. . . . .	{characterised by the vertical shape of the apertures, e.g. three dimensional apertures, e.g. macro-apertures}	2013/51425	. . . . .	{being impervious, i.e. occlusive}
13/5122	. . . . .	{and comprising secondary apertures, e.g. macro-apertures in combination with microapertures}	2013/51427	. . . . .	{having valves}
13/5123	. . . . .	{the apertures being formed on a multilayer top sheet}	2013/51429	. . . . .	{being elastomeric or stretchable 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)}	2013/51431	. . . . .	{in the composition of the elastomer}
13/5126	. . . . .	{characterised by the planar distribution of the apertures, e.g. in a predefined pattern}	2013/51433	. . . . .	{being biodegradable}
2013/5127	. . . . .	{characterized by the dimension of apertures}	2013/51435	. . . . .	{having flame retardant agent or fire extinguishing agent}
2013/5128	. . . . .	{characterized by open targets or acquisitions or vulnerability zones}	2013/51437	. . . . .	{being integral with absorbent core}
13/513	. . . . .	{characterised by its function or properties, e.g. stretchability, breathability, rewet, visual effect; } having areas of different permeability	2013/51439	. . . . .	{being foams}
13/51305	. . . . .	{having areas of different permeability}	2013/51441	. . . . .	{being a fibrous material}
13/51311	. . . . .	{the permeability gradient being in the vertical direction}	2013/51443	. . . . .	{being impervious to fluids and being air permeable}
2013/51316	. . . . .	{with low friction coefficient}	2013/51445	. . . . .	{comprising microfibres, e.g. Gore-Tex}
2013/51322	. . . . .	{being elastomeric or stretchable}	2013/51447	. . . . .	{being air permeable}
2013/51327	. . . . .	{in only one specific direction}	2013/51449	. . . . .	{being knitted or woven fabrics}
2013/51333	. . . . .	{in only specific parts or sections of the top layer}	2013/5145	. . . . .	{being treated materials}
2013/51338	. . . . .	{having improved touch or feeling, e.g. smooth film}	2013/51452	. . . . .	{being nonwovens}
2013/51344	. . . . .	{with pile webs or velvet-like tissues}	2013/51454	. . . . .	{being papers}
2013/5135	. . . . .	{with flame retardant agents or fire extinguishing agents}	13/51456	. . . . .	{characterised by its properties}
2013/51355	. . . . .	{for improving fluid flow}	13/51458	. . . . .	{being air-pervious or breathable}
2013/51361	. . . . .	{with pleats or folds}	13/5146	. . . . .	{having apertures of perforations}
2013/51366	. . . . .	{with hydrophilic lower face}	13/51462	. . . . .	{being defined by a value or parameter}
2013/51372	. . . . .	{with valve or valve-like upper layer; Tapered capillary structures}	13/51464	. . . . .	{being stretchable or elastomeric}
2013/51377	. . . . .	{having decoration properties}	13/51466	. . . . .	{providing stretchability without the use of elastic material}
2013/51383	. . . . .	{being adapted for female properties}	2013/51468	. . . . .	{being removable}
2013/51388	. . . . .	{being adapted to male properties}	2013/5147	. . . . .	{the outer layer being adhesive itself}
			2013/51472	. . . . .	{for reducing noise}
			13/51474	. . . . .	{characterised by its structure}
			13/51476	. . . . .	{being three-dimensional, e.g. embossed, textured, pleated, or with three-dimensional features, like gathers or loops}
			13/51478	. . . . .	{being a laminate, e.g. multi-layered or with several layers}
			13/5148	. . . . .	{having an impervious inner layer and a cloth-like outer layer}



2013/51482 . . . . .	{being laminated on paper}	2013/53027 . . . . .	{the maximum being at the crotch}
13/51484 . . . . .	{being inhomogeneous in the plane of the sheet, i.e. having zones of different properties or structures}	2013/530277 . . . . .	{the maximum being at front or rear}
2013/51486 . . . . .	{with specially shaped backsheets}	2013/530284 . . . . .	{the maximum being at a certain depth in the thickness}
2013/51488 . . . . .	{for napkins}	2013/530291 . . . . .	{the maximum being along the sides}
2013/5149 . . . . .	{being embossed}	2013/530299 . . . . .	{being hydrophilic fibres}
2013/51492 . . . . .	{having specially shaped gas or air bubbles or bag-like structure}	2013/530306 . . . . .	{coated with superabsorbent polymer}
2013/51494 . . . . .	{having underlayer extending around the longitudinal edges of the absorbent core}	2013/530313 . . . . .	{being biodegradable}
13/51496 . . . . .	{having visual effects}	2013/530321 . . . . .	{in biopolymer, e.g. PHA}
13/51498 . . . . .	{Details not otherwise provided for}	2013/530328 . . . . .	{being mineral fibres, e.g. glass}
13/515 . . . . .	characterised by the interconnection of the topsheet and the backsheet	2013/530335 . . . . .	{being in peat moss}
13/52 . . . . .	{Layers coated or treated to decrease absorbency}	2013/530343 . . . . .	{being natural fibres}
13/53 . . . . .	characterised by the absorbing medium (A61F 13/20 takes precedence)	2013/53035 . . . . .	{of cotton}
2013/530007 . . . . .	{being made from pulp}	2013/530357 . . . . .	{of wool}
2013/530014 . . . . .	{being made in hard wood pulp}	2013/530364 . . . . .	{of bamboo}
2013/530021 . . . . .	{being made in soft wood pulp}	2013/530372 . . . . .	{of ramie or jute or linen}
2013/530029 . . . . .	{being made from cotton}	2013/530379 . . . . .	{comprising mixtures of fibres}
2013/530036 . . . . .	{being made in chemically-modified cellulosic material, e.g. Rayon}	2013/530386 . . . . .	{with pulp and polymeric}
2013/530043 . . . . .	{being made in oxidized cellulose}	2013/530394 . . . . .	{in coform}
2013/530051 . . . . .	{being made in cross-linked cellulosic fibres}	2013/530401 . . . . .	{with hydrophobic and hydrophilic fibres}
2013/530058 . . . . .	{with specific method of producing wood pulp fibres}	2013/530408 . . . . .	{with thermoplastic binder}
2013/530065 . . . . .	{with chemical pulp}	2013/530416 . . . . .	{having different count, e.g. denier or tex}
2013/530072 . . . . .	{with sulphate pulp, e.g. Kraft}	2013/530423 . . . . .	{having different densities}
2013/53008 . . . . .	{being unbleached}	2013/53043 . . . . .	{with different ratio of components}
2013/530087 . . . . .	{with debonding agents}	2013/530437 . . . . .	{having a part with elevated absorption means}
2013/530094 . . . . .	{with mechanical pulp}	2013/530445 . . . . .	{by defining a target or acquisition or vulnerability zone}
2013/530102 . . . . .	{with thermomechanical pulp}	2013/530452 . . . . .	{having chemically-stiffened fibres}
2013/530109 . . . . .	{with chemithermomechanical pulp}	2013/530459 . . . . .	{being curled}
2013/530116 . . . . .	{with recycled material, e.g. paper}	2013/530467 . . . . .	{being twisted}
2013/530124 . . . . .	{with compressed and delaminated material}	2013/530474 . . . . .	{being cross-linked}
2013/530131 . . . . .	{being made in fibre but being not pulp}	2013/530481 . . . . .	{having superabsorbent materials, i.e. highly absorbent polymer gel materials}
2013/530138 . . . . .	{characterized by the fibre length}	2013/530489 . . . . .	{being randomly mixed in with other material}
2013/530145 . . . . .	{being short}	2013/530496 . . . . .	{being fixed to fibres}
2013/530153 . . . . .	{being long}	2013/530503 . . . . .	{comprising poly-aluminium-chloride}
2013/53016 . . . . .	{having special shape}	2013/53051 . . . . .	{being only in particular parts or specially arranged}
2013/530167 . . . . .	{being crimped}	2013/530518 . . . . .	{the maximum being at the crotch}
2013/530175 . . . . .	{with capillary channel}	2013/530525 . . . . .	{the maximum being at front or rear}
2013/530182 . . . . .	{characterized by the connection between the fibres}	2013/530532 . . . . .	{the maximum being at certain depth in the thickness}
2013/530189 . . . . .	{with thermoplastic adhesive}	2013/53054 . . . . .	{the maximum being along the side edges}
2013/530197 . . . . .	{with water-soluble binder}	2013/530547 . . . . .	{positioned in a separate layer or layers}
2013/530204 . . . . .	{being alcohol-based binder}	2013/530554 . . . . .	{and being fixed to a web}
2013/530211 . . . . .	{with water-insoluble binder}	2013/530562 . . . . .	{being arranged in discontinuous pattern}
2013/530218 . . . . .	{followed by heat treatment}	2013/530569 . . . . .	{characterized by the particle size}
2013/530226 . . . . .	{with polymeric fibres}	2013/530576 . . . . .	{having different size in different parts}
2013/530233 . . . . .	{being thermoplastic fibres}	2013/530583 . . . . .	{characterized by the form}
2013/53024 . . . . .	{being bicomponent fibres}	2013/530591 . . . . .	{in granules or particles}
2013/530248 . . . . .	{being thermosetting fibres}	2013/530598 . . . . .	{in aggregates}
2013/530255 . . . . .	{being hydrophobic fibres}	2013/530605 . . . . .	{in sheet}
2013/530262 . . . . .	{only in particular parts or specially arranged}	2013/530613 . . . . .	{in fibres}
		2013/53062 . . . . .	{being made into a paper or non-woven}
		2013/530627 . . . . .	{in flakes}
		2013/530635 . . . . .	{in thin film}
		2013/530642 . . . . .	{being cross-linked or polymerised <u>in situ</u> }
		2013/530649 . . . . .	{in sponge or foam}

- 2013/530656 . . . . . {being cut into pieces}
- 2013/530664 . . . . . {being a knitted or woven fabric}
- 2013/530671 . . . . . {being mixed with mineral or inert material, e.g. "introfying particles"}
- 2013/530678 . . . . . {with citric acid}
- 2013/530686 . . . . . {with metallic soluble salts, e.g. Na, K, Mg chloride}
- 2013/530693 . . . . . {with polymeric material}
- 2013/5307 . . . . . {characterized by the quantity or ratio of superabsorbent material}
- 2013/530708 . . . . . {characterized by the absorbency properties}
- 2013/530715 . . . . . {by the acquisition rate}
- 2013/530722 . . . . . {by the delayed absorbency}
- 2013/530729 . . . . . {by the swelling rate}
- 2013/530737 . . . . . {by the absorbent capacity}
- 2013/530744 . . . . . {by the absorbency under load}
- 2013/530751 . . . . . {by the centrifugal load}
- 2013/530759 . . . . . {by the osmotic feature}
- 2013/530766 . . . . . {by the cross-link factor}
- 2013/530773 . . . . . {by the inverse temperature transition}
- 2013/530781 . . . . . {by the ionic surfactant, e.g. salt resistant}
- 2013/530788 . . . . . {characterized by the gel layer permeability}
- 2013/530795 . . . . . {being biodegradable}
- 2013/530802 . . . . . {characterized by the foam or sponge other than superabsorbent ([A61F 2013/530649 takes precedence](#))}
- 2013/53081 . . . . . {with special pore dimension or arrangement}
- 2013/530817 . . . . . {being open cells}
- 2013/530824 . . . . . {the cells being opened by mechanical or physical treatment}
- 2013/530832 . . . . . {being closed cells}
- 2013/530839 . . . . . {being hydrophilic}
- 2013/530846 . . . . . {being hydrophobic}
- 2013/530854 . . . . . {being collapsed or collapsible foam}
- 2013/530861 . . . . . {having slit regions}
- 2013/530868 . . . . . {characterized by the liquid distribution or transport means other than wicking layer ([A61F 13/537 takes precedence](#))}
- 2013/530875 . . . . . {having holes}
- 2013/530883 . . . . . {having folds}
- 2013/53089 . . . . . {having impervious part}
- 2013/530897 . . . . . {having capillary means, e.g. pore or fibre size gradient}
- 2013/530905 . . . . . {being hydrophilic}
- 2013/530912 . . . . . {being hydrophobic}
- 2013/530919 . . . . . {being hydroneutral}
- 2013/530927 . . . . . {having longitudinal barriers}
- 2013/530934 . . . . . {having a density gradient}
- 2013/530941 . . . . . {through the thickness}
- 2013/530948 . . . . . {along the length}
- 2013/530956 . . . . . {being only in particular parts or specially arranged}
- 2013/530963 . . . . . {being maximum at the crotch}
- 2013/53097 . . . . . {being at front or rear region}
- 2013/530978 . . . . . {being at a particular depth in the thickness}
- 2013/530985 . . . . . {being along the side edges}
- 2013/530992 . . . . . {in the form of string or ball instead of sheets}
- 13/531 . . . . . having a homogeneous composition through the thickness of the pad ([A61F 13/538, A61F 13/539 take precedence](#))
- 2013/5312 . . . . . {with structure resisting compression}
- 2013/5315 . . . . . {with a tissue-wrapped core}
- 2013/5317 . . . . . {with integral impervious bottom surface}
- 13/532 . . . . . inhomogeneous in the plane of the pad
- 13/5323 . . . . . {having absorbent material located in discrete regions, e.g. pockets}
- 2013/5326 . . . . . {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](#))
- 13/53409 . . . . . {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}
- 2013/53445 . . . . . {from several sheets}
- 2013/53454 . . . . . {with mirror-like structure}
- 2013/53463 . . . . . {with a reinforcing structure, e.g. net}
- 2013/53472 . . . . . {being a non-woven tissue wrapping the core}
- 2013/53481 . . . . . {being biodegradable}
- 2013/5349 . . . . . {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](#))
- 2013/5355 . . . . . {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 ([A61F 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}
- 2013/53721 . . . . . {with capillary means}
- 2013/53726 . . . . . {on the top layer}
- 2013/5373 . . . . . {on the bottom layer}
- 2013/53734 . . . . . {with compressed lines}
- 2013/53739 . . . . . {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}
- 2013/53765 . . . . . {characterized by its geometry}
- 2013/53769 . . . . . {with the wicking layer not contacting the absorbent core}

2013/53773	. . . . . {with a deformable spacing structure}	13/5616	. . . . {using flaps, e.g. adhesive, for attachment to the undergarment ( <a href="#">leakage prevention means encircling the crotch portion A61F 13/476</a> )}
2013/53778	. . . . . {with grooves}	13/5622	. . . . {specially adapted for diapers or the like}
2013/53782	. . . . . {with holes}	2013/5627	. . . . {comprising a zip fastener}
2013/53786	. . . . . {with folds}	13/5633	. . . . {open type diaper}
2013/53791	. . . . . {being resilient or elastic}	13/5638	. . . . . {adjustable open type diapers ( <a href="#">adjustable otherwise than by the fasteners A61F 13/493</a> )}
2013/53795	. . . . . {being a surge management layer}	13/5644	. . . . . {having more than one pair of fasteners}
13/538	. . . characterised by specific fibre orientation or weave	13/565	. . . . {pants type diaper}
2013/5383	. . . . . {by the fibre orientation in the x-y plane}	13/5655	. . . . . {adjustable pants type diapers ( <a href="#">adjustable otherwise than by the fasteners A61F 13/493</a> )}
2013/5386	. . . . . {by the fibre orientation in the z plane or vertical direction}	2013/5661	. . . . {in special holders for beds, chairs or seats}
13/539	. . . characterised by the connection of the absorbent layers with each other or with the outer layers	2013/5666	. . . . {connected to itself ( <a href="#">A61F 13/58</a> and <a href="#">A61F 13/62</a> take precedence)}
2013/53908	. . . . . {with adhesive}	2013/5672	. . . . . {with buttons or the like ( <a href="#">A61F 13/78</a> takes precedence)}
2013/53916	. . . . . {with epicyclical pattern}	2013/5677	. . . . . {refastenable}
2013/53925	. . . . . {with intermittent pattern, e.g. spots}	2013/5683	. . . . {Disposition or arrangement}
2013/53933	. . . . . {with water-soluble binder}	2013/5688	. . . . . {inclined at an oblique angle to the longitudinal axis}
2013/53941	. . . . . {being alcohol-based binder}	2013/5694	. . . . {Other non adhesive means than hook and loop-type fastener or belts ( <a href="#">A61F 13/62</a> , <a href="#">A61F 13/64</a> and <a href="#">A61F 13/66</a> take precedence)}
2013/5395	. . . . . {with thermoplastic agent, i.e. softened by heat}	13/58	. . . . Adhesive tab fastener elements ( <a href="#">A61F 13/5611</a> , <a href="#">A61F 13/5616</a> , <a href="#">A61F 13/66</a> take precedence)
2013/53958	. . . . . {with separate adhesive layer}	13/581	. . . . . {Tab fastener elements combining adhesive and mechanical fastening ( <a href="#">fabric strip fastener elements A61F 13/62</a> )}
2013/53966	. . . . . {by needling, sewing, blow-needling}	2013/582	. . . . . {with one strip on one place}
2013/53975	. . . . . {by Hydraulic entanglement}	2013/583	. . . . . {with strips on several places}
2013/53983	. . . . . {with hook and loop-type fastener or the like}	2013/585	. . . . . {being spot like}
2013/53991	. . . . . {by ultrasonic method}	2013/586	. . . . . {on lateral flaps}
13/551	. . . Packaging before or after use ( <a href="#">general packaging of absorbent pads B65D 85/00</a> )}	2013/587	. . . . . {on rear or front tabs}
13/55105	. . . . {packaging of diapers}	2013/588	. . . . . {on waist panels}
13/5511	. . . . {characterized by the container ( <a href="#">A61F 15/00</a> takes precedence)}	13/60	. . . . . with release means associated with tab fasteners
13/55115	. . . . . {characterized by the features before use, e.g. how are the diapers folded or arranged in a package}	13/62	. . . . {Mechanical fastening means, ( <a href="#">A61F 13/5611</a> , <a href="#">A61F 13/5616</a> , <a href="#">A61F 13/581</a> , <a href="#">A61F 13/66</a> take precedence); Fabric strip fastener elements, e.g. hook and loop}
13/5512	. . . . . {after use}	13/622	. . . . . {Fabric strip fastener elements, e.g. hook and loop}
2013/55125	. . . . . {the disposal system being a bag or a pocket integral with or attached to the diaper}	13/625	. . . . . {characterised by the hook}
13/5513	. . . . {packaging of feminine sanitary napkins}	13/627	. . . . . {characterised by the loop}
13/55135	. . . . . {before use}	13/64	. . . . Straps, belts, ties or endless bands ( <a href="#">A61F 13/5605</a> , <a href="#">A61F 13/5622</a> , <a href="#">A61F 13/66</a> take precedence)
13/5514	. . . . . {each item packaged single}	13/66	. . . . Garments, holders or supports not integral with absorbent pads
13/55145	. . . . . {multiple packaged items}	13/665	. . . . . {Means specific for supporting or fastening sanitary towels; and sanitary towels}
13/5515	. . . . . {after use}	13/68	. . . . . abdominal enclosing type
2013/55155	. . . . . {the disposal system being a bag or pocket integral with or attached to the sanitary napkin}	13/70	. . . . . with openable or removable crotch portion
13/5516	. . . . {packaging of interlabial absorbing articles}	13/72	. . . . . with endless waist encircling band, e.g. panty type
13/55165	. . . . . {before use}	13/74	. . . . . having means to retain absorbent pads
13/5517	. . . . . {after use}	13/76	. . . . . transverse to width of the pads or fastener elements, e.g. straps, end flaps or tucks
13/55175	. . . . {packaging of tampons}	13/78	. . . . . Button or snap fastener elements
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}		

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 ( <a href="#">A61F 13/5512</a> , <a href="#">A61F 13/5515</a> , <a href="#">A61F 13/5517</a> , <a href="#">A61F 13/5518</a> take precedence)}
13/8405	. . . {Additives, e.g. for odour, disinfectant or pH control}
2013/8408	. . . . {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 glycerine polyol}
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}
<b>15/00</b>	<b>Auxiliary appliances for wound dressings; Dispensing containers for dressings or bandages</b> {(packaging of absorbent articles such as diapers, feminine hygiene absorbing pads or tampons <a href="#">A61F 13/551</a> ; packaging of wound dressings <a href="#">A61F 13/00072</a> )}
15/001	. {Packages or dispensers for bandages, cotton balls, drapes, dressings, gauze, gowns, sheets, sponges, swabsticks or towels ( <a href="#">A61F 15/007</a> takes precedence)}
15/002	. . {dispensers for web or tape like bandages}
15/003	. . {dispensers for catamenial 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 ( <a href="#">corn plasters</a> <a href="#">A61F 13/063</a> )}

- 15/02 . Devices for cutting bandages of any kind, e.g. shears, cast-cutting saws

## 17/00 First-aid kits

<b>2210/00</b>	<b>Particular material properties of prostheses classified in groups <a href="#">A61F 2/00</a> - <a href="#">A61F 2/26</a> or <a href="#">A61F 2/82</a> or <a href="#">A61F 9/00</a> or <a href="#">A61F 11/00</a> or subgroups thereof</b>
2210/0004	. bioabsorbable
2210/0009	. using materials or accessories for preventing galvanic or electrolytic corrosion
2210/0014	. using shape memory or superelastic materials, e.g. nitinol
2210/0019	. . 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
2210/0023	. . operated at different temperatures whilst inside or touching the human body, heated or cooled by external energy source or cold supply
2210/0028	. . . cooled
2210/0033	. . . electrically, e.g. heated by resistor
2210/0038	. . . . electromagnetically
2210/0042	. . . using a fluid, e.g. circulating
2210/0047	. . . heated by light
2210/0052	. . . ultrasonically
2210/0057	. stretchable
2210/0061	. swellable
2210/0066	. shrinkable
2210/0071	. thermoplastic
2210/0076	. multilayered, e.g. laminated structures
2210/008	. Phase change materials [PCM], e.g. for storing latent heat
2210/0085	. hardenable <u>in situ</u> , e.g. epoxy resins
2210/009	. magnetic
2210/0095	. radioactive

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

<b>2220/00</b>	<b>Fixations or connections for prostheses classified in groups <a href="#">A61F 2/00</a> - <a href="#">A61F 2/26</a> or <a href="#">A61F 2/82</a> or <a href="#">A61F 9/00</a> or <a href="#">A61F 11/00</a> or subgroups thereof</b>
2220/0008	. Fixation appliances for connecting prostheses to the body
2220/0016	. . with sharp anchoring protrusions, e.g. barbs, pins, spikes
2220/0025	. Connections or couplings between prosthetic parts, e.g. between modular parts; Connecting elements
2220/0033	. . made by longitudinally pushing a protrusion into a complementary-shaped recess, e.g. held by friction fit
2220/0041	. . using additional screws, bolts, dowels or rivets, e.g. connecting screws
2220/005	. . using adhesives
2220/0058	. . soldered or brazed or welded
2220/0066	. . stapled
2220/0075	. . sutured, ligatured or stitched, retained or tied with a rope, string, thread, wire or cable
2220/0083	. . using hook and loop-type fasteners



2220/0091	. . connected by a hinged linkage mechanism, e.g. of the single-bar or multi-bar linkage type	2240/008	. . Means for testing implantable prostheses
<b>2230/00</b>	<b>Geometry of prostheses classified in groups <a href="#">A61F 2/00</a> - <a href="#">A61F 2/26</a> or <a href="#">A61F 2/82</a> or <a href="#">A61F 9/00</a> or <a href="#">A61F 11/00</a> or subgroups thereof</b>	<b>2250/00</b>	<b>Special features of prostheses classified in groups <a href="#">A61F 2/00</a> - <a href="#">A61F 2/26</a> or <a href="#">A61F 2/82</a> or <a href="#">A61F 9/00</a> or <a href="#">A61F 11/00</a> or subgroups thereof</b>
2230/0002	. Two-dimensional shapes, e.g. cross-sections	2250/0001	. Means for transferring electromagnetic energy to implants
2230/0004	. . Rounded shapes, e.g. with rounded corners	2250/0002	. . for data transfer
2230/0006	. . . circular	2250/0003	. having an inflatable pocket filled with fluid, e.g. liquid or gas
2230/0008	. . . elliptical or oval	2250/0004	. adjustable
2230/001	. . . Figure-8-shaped, e.g. hourglass-shaped	2250/0006	. . for adjusting angular orientation
2230/0013	. . . Horseshoe-shaped, e.g. crescent-shaped, C-shaped, U-shaped	2250/0007	. . for adjusting length
2230/0015	. . . Kidney-shaped, e.g. bean-shaped	2250/0008	. . for adjusting a position by translation along an axis or two perpendicular axes
2230/0017	. . Angular shapes	2250/0009	. . for adjusting thickness
2230/0019	. . . rectangular	2250/001	. . for adjusting a diameter
2230/0021	. . . square	2250/0012	. . for adjusting elasticity, flexibility, spring rate or mechanical tension
2230/0023	. . . triangular	2250/0013	. . for adjusting fluid pressure
2230/0026	. . . trapezoidal	2250/0014	. having different values of a given property or geometrical feature, e.g. mechanical property or material property, at different locations within the same prosthesis
2230/0028	. . Shapes in the form of latin or greek characters	2250/0015	. . differing in density or specific weight
2230/003	. . . Alpha-shaped	2250/0017	. . . differing in yarn density
2230/0032	. . . B-shaped	2250/0018	. . differing in elasticity, stiffness or compressibility
2230/0034	. . . D-shaped	2250/0019	. . differing in hardness, e.g. Vickers, Shore, Brinell
2230/0036	. . . E-shaped, e.g. epsilon-shaped	2250/002	. . differing in moment of inertia
2230/0039	. . . H-shaped	2250/0021	. . differing in coefficient of friction
2230/0041	. . . J-shaped	2250/0023	. . differing in porosity
2230/0043	. . . L-shaped	2250/0024	. . . made from both porous and non-porous parts, e.g. adjacent parts
2230/0045	. . . Omega-shaped	2250/0025	. . differing in roughness
2230/0047	. . . Pi-shaped	2250/0026	. . differing in surface structures
2230/005	. . . Rosette-shaped, e.g. star-shaped	2250/0028	. . differing in fibre orientations
2230/0052	. . . T-shaped	2250/0029	. . differing in bending or flexure capacity
2230/0054	. . . V-shaped	2250/003	. . differing in adsorbability or resorbability, i.e. in adsorption or resorption time
2230/0056	. . . W-shaped, e.g. M-shaped, sigma-shaped	2250/0031	. . . made from both resorbable and non-resorbable prosthetic parts, e.g. adjacent parts
2230/0058	. . . X-shaped	2250/0032	. . differing in radiographic density
2230/006	. . . Y-shaped	2250/0034	. . differing in viscosity
2230/0063	. Three-dimensional shapes	2250/0035	. . differing in release or diffusion time
2230/0065	. . toroidal, e.g. ring-shaped, doughnut-shaped	2250/0036	. . differing in thickness
2230/0067	. . conical	2250/0037	. . differing in height or in length
2230/0069	. . cylindrical	2250/0039	. . differing in diameter
2230/0071	. . spherical	2250/004	. . differing in coefficient of thermal expansion, e.g. dilation, dilatation
2230/0073	. . Quadric-shaped	2250/0041	. . differing in wear resistance
2230/0076	. . . ellipsoidal or ovoid	2250/0042	. . differing in shape-memory transition temperatures, e.g. in martensitic transition temperature, in austenitic transition temperature
2230/0078	. . . hyperboloidal	2250/0043	. . differing in electric properties, e.g. in electrical conductivity, in galvanic properties
2230/008	. . . paraboloidal	2250/0045	. . . differing in electromagnetical properties
2230/0082	. . parallelepipedal	2250/0046	. . differing in melting temperature
2230/0084	. . . cubical	2250/0047	. . differing in thermal conductivity
2230/0086	. . Pyramidal, tetrahedral, or wedge-shaped	2250/0048	. . differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability
2230/0089	. . . tetrahedral, i.e. having a triangular basis	2250/005	. . differing in colour
2230/0091	. . helically-coiled or spirally-coiled, i.e. having a 2-D spiral cross-section		
2230/0093	. . Umbrella-shaped, e.g. mushroom-shaped		
2230/0095	. . Saddle-shaped		
2230/0097	. . Harpoon-shaped		
<b>2240/00</b>	<b>Manufacturing or designing of prostheses classified in groups <a href="#">A61F 2/00</a> - <a href="#">A61F 2/26</a> or <a href="#">A61F 2/82</a> or <a href="#">A61F 9/00</a> or <a href="#">A61F 11/00</a> or subgroups thereof</b>		
2240/001	. Designing or manufacturing processes		
2240/002	. . Designing or making customized prostheses		
2240/004	. . . Using a positive or negative model, e.g. moulds		
2240/005	. . Templates		
2240/007	. . Dummy prostheses		

2250/0051	. . differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts	2310/00011	. . Metals or alloys
2250/0052	. . . differing in bone ingrowth capacity	2310/00017	. . . Iron- or Fe-based alloys, e.g. stainless steel
2250/0053	. . differing in optical properties	2310/00023	. . . Titanium or titanium-based alloys, e.g. Ti-Ni alloys
2250/0054	. . differing in corrosion resistance	2310/00029	. . . Cobalt-based alloys, e.g. Co-Cr alloys or Vitallium
2250/0056	. . differing in wettability, e.g. in hydrophilic or hydrophobic behaviours	2310/00035	. . . Other metals or alloys
2250/0057	. . made from both cured and uncured parts	2310/00041	. . . . Magnesium or Mg-based alloys
2250/0058	. Additional features; Implant or prostheses properties not otherwise provided for	2310/00047	. . . . Aluminium or Al-based alloys
2250/0059	. . temporary	2310/00053	. . . . Vanadium or V-based alloys
2250/006	. . modular	2310/00059	. . . . Chromium or Cr-based alloys
2250/0062	. . . Kits of prosthetic parts to be assembled in various combinations for forming different prostheses	2310/00065	. . . . Manganese or Mn-based alloys
2250/0063	. . . Nested prosthetic parts	2310/00071	. . . . Nickel or Ni-based alloys
2250/0064	. . . Sets comprising a plurality of prosthetic parts of different sizes	2310/00077	. . . . Copper or Cu-based alloys
2250/0065	. . telescopic	2310/00083	. . . . Zinc or Zn-based alloys
2250/0067	. . Means for introducing or releasing pharmaceutical products into the body	2310/00089	. . . . Zirconium or Zr-based alloys
2250/0068	. . . the pharmaceutical product being in a reservoir	2310/00095	. . . . Niobium or Nb-based alloys
2250/0069	. . Sealing means	2310/00101	. . . . Molybdenum or Mo-based alloys
2250/007	. . . O-rings	2310/00107	. . . . Palladium or Pd-based alloys
2250/0071	. . breakable or frangible	2310/00113	. . . . Silver or Ag-based alloys
2250/0073	. . Force-limiting means	2310/00119	. . . . Tin or Sn-based alloys
2250/0074	. . . Torque-limiting means	2310/00125	. . . . Hafnium or Hf-based alloys
2250/0075	. . Sound-damping or noise-reducing means	2310/00131	. . . . Tantalum or Ta-based alloys
2250/0076	. . waterproof	2310/00137	. . . . Tungsten or W-based alloys
2250/0078	. . Gender-specific, e.g. different for male and female patients	2310/00143	. . . . Iridium or Ir-based alloys
2250/0079	. . Means for preventing the accidental forgetting of prosthetic parts inside the body during operation	2310/00149	. . . . Platinum or Pt-based alloys
2250/008	. . Alarm means	2310/00155	. . . . Gold or Au-based alloys
2250/0081	. . Prosthesis for animals	2310/00161	. . Carbon; Graphite
2250/0082	. . specially designed for children, e.g. having means for adjusting to their growth	2310/00167	. . . Diamond or diamond-like carbon
2250/0084	. . Means for distinguishing between left-sided and right-sided devices; Sets comprising both left-sided and right-sided prosthetic parts	2310/00173	. . . Graphite
2250/0085	. . Identification means; Administration of patients	2310/00179	. . Ceramics or ceramic-like structures
2250/0086	. . . with bar code	2310/00185	. . . based on metal oxides
2250/0087	. . . colour-coded	2310/00191	. . . . containing beryllium oxide
2250/0089	. . . coded with symbols, e.g. dots, numbers, letters, words	2310/00197	. . . . containing magnesia or magnesium oxide
2250/009	. . for single-use, e.g. having means for preventing re-use	2310/00203	. . . . containing alumina or aluminium oxide
2250/0091	. . transparent or translucent	2310/00209	. . . . . Corundum or Sapphire
2250/0092	. . Means for cleaning prostheses	2310/00215	. . . . containing silica or silicon oxide
2250/0093	. . Ultrasound system, e.g. for inducing coagulation during eye surgery	2310/00221	. . . . containing calcia or calcium oxide
2250/0095	. . . with high intensity focused ultrasound	2310/00227	. . . . containing titania or titanium oxide
2250/0096	. . Markers and sensors for detecting a position or changes of a position of an implant, e.g. RF sensors, ultrasound markers	2310/00233	. . . . containing chromia or chromium oxides CrO, CrO <sub>2</sub> or CrO <sub>3</sub>
2250/0097	. . . Visible markings, e.g. indicia	2310/00239	. . . . containing zirconia or zirconium oxide ZrO <sub>2</sub>
2250/0098	. . . radio-opaque, e.g. radio-opaque markers	2310/00245	. . . . containing niobium oxide
<b>2310/00</b>	<b>Prostheses classified in <a href="#">A61F 2/28</a> or <a href="#">A61F 2/30</a> - <a href="#">A61F 2/44</a> being constructed from or coated with a particular material</b>	2310/00251	. . . . containing hafnia or hafnium oxide
2310/00005	. The prosthesis being constructed from a particular material	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	2310/0061	. . . . Coating made of silicon oxide or hydroxides
2310/00359	. . Bone or bony tissue	2310/00616	. . . . Coating made of titanium oxide or hydroxides
2310/00365	. . Proteins; Polypeptides; Degradation products thereof	2310/00622	. . . . Coating made of chromium oxide or hydroxides
2310/00371	. . . Collagen	2310/00628	. . . . Coating made of cobalt oxide or hydroxides
2310/00377	. . . Fibrin	2310/00634	. . . . Coating made of zirconium oxide or hydroxides
2310/00383	. . . Gelatin	2310/0064	. . . . Coating made of niobium oxide or hydroxides
2310/00389	. The prosthesis being coated or covered with a particular material	2310/00646	. . . . Coating made of molybdenum oxide or hydroxides
2310/00395	. . Coating or prosthesis-covering structure made of metals or of alloys	2310/00652	. . . . Coating made of hafnium oxide or hydroxides
2310/00401	. . . Coating made of iron, of stainless steel or of other Fe-based alloys	2310/00658	. . . . Coating made of tantalum oxide or hydroxides
2310/00407	. . . Coating made of titanium or of Ti-based alloys	2310/00664	. . . . Coating made of tungsten oxide or hydroxides
2310/00413	. . . Coating made of cobalt or of Co-based alloys	2310/0067	. . . Coating or prosthesis-covering structure made of compounds based on metal borides
2310/00419	. . . Other metals	2310/00676	. . . . Coating made of aluminium boride
2310/00425	. . . . Coating made of magnesium or of Mg-based alloys	2310/00682	. . . . Coating made of titanium boride
2310/00431	. . . . Coating made of aluminium or of Al-based alloys	2310/00688	. . . . Coating made of vanadium boride
2310/00437	. . . . Coating made of silicon or Si-based alloys	2310/00694	. . . . Coating made of chromium boride
2310/00443	. . . . Coating made of vanadium or of V-based alloys	2310/007	. . . . Coating made of cobalt boride
2310/00449	. . . . Coating made of chromium or Cr-based alloys	2310/00706	. . . . Coating made of zirconium boride
2310/00455	. . . . Coating made of manganese Mn-based alloys	2310/00712	. . . . Coating made of molybdenum boride
2310/00461	. . . . Coating made of nickel or Ni-based alloys	2310/00718	. . . . Coating made of lanthanum boride
2310/00467	. . . . Coating made of copper or Cu-based alloys	2310/00724	. . . . Coating made of tungsten boride
2310/00473	. . . . Coating made of zinc or Zn-based alloys	2310/0073	. . . Coating or prosthesis-covering structure made of compounds based on metal carbides
2310/00479	. . . . Coating made of germanium or Ge-based alloys	2310/00736	. . . . Coating made of boron carbide
2310/00485	. . . . Coating made of zirconium or Zr-based alloys	2310/00742	. . . . Coating made of silicon carbide
2310/00491	. . . . Coating made of niobium or Nb-based alloys	2310/00748	. . . . Coating made of titanium carbide
2310/00497	. . . . Coating made of molybdenum or Mo-based alloys	2310/00754	. . . . Coating made of chromium carbide
2310/00502	. . . . Coating made of ruthenium or Ru-based alloys	2310/0076	. . . . Coating made of nickel carbide
2310/00508	. . . . Coating made of rhodium or Rh-based alloys	2310/00766	. . . . Coating made of zirconium carbide
2310/00514	. . . . Coating made of palladium or Pd-based alloys	2310/00772	. . . . Coating made of niobium carbide
2310/0052	. . . . Coating made of silver or Ag-based alloys	2310/00778	. . . . Coating made of hafnium carbide
2310/00526	. . . . Coating made of indium or In-based alloys	2310/00784	. . . . Coating made of tantalum carbide
2310/00532	. . . . Coating made of tin or Sn-based alloys	2310/0079	. . . . Coating made of tungsten carbide
2310/00538	. . . . Coating made of hafnium or Hf-based alloys	2310/00796	. . . Coating or prosthesis-covering structure made of a phosphorus-containing compound, e.g. hydroxy(l)apatite
2310/00544	. . . . Coating made of tantalum or Ta-based alloys	2310/00802	. . . Coating or prosthesis-covering structure made of compounds based on metal hydrides
2310/0055	. . . . Coating made of tungsten or W-based alloys	2310/00808	. . . . Coating made of titanium hydride
2310/00556	. . . . Coating made of iridium or Ir-based alloys	2310/00814	. . . . Coating made of vanadium hydride
2310/00562	. . . . Coating made of platinum or Pt-based alloys	2310/0082	. . . . Coating made of chromium hydride
2310/00568	. . . . Coating made of gold or Au-based alloys	2310/00826	. . . . Coating made of zirconium hydride
2310/00574	. . Coating or prosthesis-covering structure made of carbon, e.g. of pyrocarbon	2310/00832	. . . . Coating made of niobium hydride
2310/0058	. . . Coating made of diamond or of diamond-like carbon DLC	2310/00838	. . . . Coating made of hafnium hydride
2310/00586	. . . Coating made of graphite	2310/00844	. . . . Coating made of tantalum hydride
2310/00592	. . Coating or prosthesis-covering structure made of ceramics or of ceramic-like compounds	2310/0085	. . . Coating or prosthesis-covering structure made of compounds based on metal chlorides
2310/00598	. . . Coating or prosthesis-covering structure made of compounds based on metal oxides or hydroxides	2310/00856	. . . Coating or prosthesis-covering structure made of compounds based on metal nitrides
2310/00604	. . . . Coating made of aluminium oxide or hydroxides	2310/00862	. . . . Coating made of boron nitride
		2310/00868	. . . . Coating made of aluminium nitride
		2310/00874	. . . . Coating made of silicon nitride
		2310/0088	. . . . Coating made of titanium nitride
		2310/00886	. . . . Coating made of chromium nitride
		2310/00892	. . . . Coating made of zirconium nitride

2310/00898	. . . .	Coating made of niobium nitride
2310/00904	. . . .	Coating made of hafnium nitride
2310/0091	. . . .	Coating made of tantalum nitride
2310/00916	. . .	Coating or prosthesis-covering structure made of compounds based on metal sulfides
2310/00922	. . . .	Coating made of molybdenum sulfide
2310/00928	. .	Coating or prosthesis-covering structure made of glass or of glass-containing compounds, e.g. of bioglass
2310/00934	. . .	Coating made of enamel
2310/0094	. . .	Coating made of porcelain
2310/00946	. .	Coating or prosthesis-covering structure made of nacre or mother-of-pearl
2310/00952	. .	Coating, pre-coating or prosthesis-covering structure made of bone cement, e.g. pre-applied PMMA cement mantle
2310/00958	. .	Coating or prosthesis-covering structure made of bone or of bony tissue
2310/00964	. .	Coating or prosthesis-covering structure made of cartilage
2310/0097	. .	Coating or prosthesis-covering structure made of pharmaceutical products, e.g. antibiotics
2310/00976	. .	Coating or prosthesis-covering structure made of proteins or of polypeptides, e.g. of bone morphogenic proteins BMP or of transforming growth factors TGF
2310/00982	. . .	Coating made of collagen
2310/00988	. . .	Coating made of fibrin
2310/00994	. . .	Coating made of gelatin