

# CPC COOPERATIVE PATENT CLASSIFICATION

**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](#))

## WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these 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 2/70</a>	covered by	<a href="#">A61F 2/68</a> , <a href="#">A61F 2/72</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>

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

**2/00 Filters implantable into blood vessels; Prostheses, i.e. artificial substitutes or replacements for parts of the body; Appliances for connecting them with the body; Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents** (as cosmetic articles, [see the relevant subclasses, e.g. wigs, hair pieces, A41G 3/00, A41G 5/00, artificial nails A45D 31/00; dental prostheses A61C 13/00; materials for prostheses A61L 27/00; artificial hearts A61M 1/10; artificial kidneys A61M 1/14](#))

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

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

2/0013 . . . {inflatable}

2/0018 . . . {magnetic}

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

2/0027 . . . {inflatable}

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

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

2/004 . . . . {inflatable}

2/0045 . . . . {Support slings}

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

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

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

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

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

2002/0072 . . {Delivery tools therefor}

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}	2002/075	. . . . . {the stent being loosely attached to the graft material, e.g. by stitching}
	<b>WARNING</b>	2002/077	. . . . . {having means to fill the space between stent-graft and aneurysm wall, e.g. a sleeve}
	Group <a href="#">A61F 2002/0091</a> is incomplete pending reclassification of documents from groups <a href="#">A61F 2002/009</a> .	2/08	. . Muscles; Tendons; Ligaments {( <a href="#">sutures A61B 17/04</a> )}
	Groups <a href="#">A61F 2002/009</a> and <a href="#">A61F 2002/0091</a> should be considered in order to perform a complete search.	2/0805	. . . {Implements for inserting tendons or ligaments}
2/0095	. {Packages or dispensers for prostheses or other implants (for intraocular lenses <a href="#">A61F 2/1691</a> ; for dental surgery <a href="#">A61C 19/02</a> )}	2/0811	. . . {Fixation devices for tendons or ligaments}
2/01	. Filters implantable into blood vessels {(filters used as gripping instruments <a href="#">A61B 17/22031</a> )}	2002/0817	. . . . {Structure of the anchor}
2002/011	. . {Instruments for their placement or removal}	2002/0823	. . . . . {Modular anchors comprising a plurality of separate parts}
2/013	. . {Distal protection devices, i.e. devices placed distally in combination with another endovascular procedure, e.g. angioplasty or stenting}	2002/0829	. . . . . {without deformation of anchor parts, e.g. fixation screws on bone surface, extending barbs, cams, butterflies, spring-loaded pins}
2002/015	. . . {Stop means therefor}	2002/0835	. . . . . {with deformation of anchor parts, e.g. expansion of dowel by set screw}
2002/016	. . {made from wire-like elements}	2002/0841	. . . . . {Longitudinal channel for insertion tool running through the whole tendon anchor, e.g. for accommodating bone drill, guidewire}
2002/018	. . {made from tubes or sheets of material, e.g. by etching or laser-cutting}	2002/0847	. . . . . {Mode of fixation of anchor to tendon or ligament}
2/02	. Prostheses implantable into the body {(closure means for urethra or rectum or for artificial body openings therefor <a href="#">A61F 2/0004</a> )}	2002/0852	. . . . . {Fixation of a loop or U-turn, e.g. eyelets, anchor having multiple holes}
2/022	. . {Artificial gland structures using bioreactors (hemodialysis <a href="#">A61M 1/16</a> ; hemofiltration <a href="#">A61M 1/34</a> ; other extracorporeal blood treatment <a href="#">A61M 1/36</a> )}	2002/0858	. . . . . {Fixation of tendon or ligament between anchor and bone, e.g. interference screws, wedges}
2/04	. . Hollow or tubular parts of organs, e.g. bladders, tracheae, bronchi or bile ducts ( <a href="#">A61F 2/18</a> , <a href="#">A61F 2/20</a> 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 <a href="#">A61F 2/82</a> ; instruments specially adapted for placement or removal of stents or stent-grafts <a href="#">A61F 2/95</a> )}	2002/0864	. . . . . {Fixation of tendon or ligament between anchor elements, e.g. by additional screws in the anchor, anchor crimped around tendon}
2002/041	. . . {Bile ducts}	2002/087	. . . . . {Anchor integrated into tendons, e.g. bone blocks, integrated rings}
2/042	. . . {Urinary bladders}	2002/0876	. . . . . {Position of anchor in respect to the bone}
2002/043	. . . {Bronchi}	2002/0882	. . . . . {Anchor in or on top of a bone tunnel, i.e. a hole running through the entire bone}
2002/044	. . . {Oesophagi or esophagi or gullets}	2002/0888	. . . . . {Anchor in or on a blind hole or on the bone surface without formation of a tunnel}
2002/045	. . . {Stomach, intestines}	2002/0894	. . . {Muscles ( <a href="#">non-implantable A61F 2002/5066</a> )}
2002/046	. . . {Tracheae}	2/10	. . Hair or skin implants
2002/047	. . . {Urethrae}	2/105	. . . {Skin implants, e.g. artificial skin}
2002/048	. . . {Ureters}	2/12	. . Mammary prostheses and implants
2/06	. . . Blood vessels	2/14	. . Eye parts, e.g. lenses, corneal implants; {Implanting instruments specially adapted therefor}; Artificial eyes
2002/061	. . . . {provided with means for allowing access to secondary lumens}	2/141	. . . {Artificial eyes}
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 <a href="#">A61L 27/507</a> )}	2/142	. . . {Cornea, e.g. artificial corneae, keratoprotheses or corneal implants for repair of defective corneal tissue}
2/064	. . . . {with special features to facilitate anastomotic coupling (anastomosis of natural blood vessels <a href="#">A61B 17/11</a> )}	2/145	. . . {Corneal inlays, onlays, or lenses for refractive correction}
2002/065	. . . . {Y-shaped blood vessels}		<b>WARNING</b>
2002/067	. . . . . {modular}		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> .
2002/068	. . . . {Modifying the blood flow model, e.g. by diffuser or deflector}		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.
2/07	. . . . Stent-grafts		
2002/072	. . . . . {Encapsulated stents, e.g. wire or whole stent embedded in lining}	2/1451	. . . . {Inlays or onlays}

- 2/1453 . . . . {Corneal lenses connected to distinct attachment means}
- 2/147 . . . {Implants to be inserted in the stroma for refractive correction, e.g. ring-like implants}
- 2/148 . . . {Implantation instruments specially adapted therefor}
- 2/15 . . . {Implant having one or more holes, e.g. for nutrient transport, for facilitating handling}

**WARNING**

Group [A61F 2/15](#) is incomplete pending reclassification of documents from group [A61F 2/14](#).

Groups [A61F 2/14](#) and [A61F 2/15](#) should be considered in order to perform a complete search.

- 2/16 . . . Intraocular lenses

**WARNING**

Group [A61F 2/16](#) is impacted by reclassification into groups [A61F 2/1601](#), [A61F 2/16015](#), [A61F 2002/1696](#), and [A61F 2002/16965](#).

All groups listed should be considered in order to perform a complete search.

- 2/1601 . . . . {Lens body having features to facilitate aqueous fluid flow across the intraocular lens, e.g. for pressure equalization or nutrient delivery}
- 2/16015 . . . . {Lens having spacers for providing a gap between the posterior capsule and a posterior surface of the intraocular lens}
- 2/1602 . . . . {Corrective lenses for use in addition to the natural lenses of the eyes or for pseudo-phakic eyes}
- 2/1605 . . . . {Anterior chamber lenses for use in addition to the natural lenses of the eyes, e.g. iris fixated, iris floating}
- 2/1608 . . . . {Iris fixated, e.g. by clamping iris tissue, by suturing to the iris}
- 2/161 . . . . {Posterior chamber lenses for use in addition to the natural lenses of the eyes}
- 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}
- 2/1616 . . . . {Pseudo-accommodative, e.g. multifocal or enabling monovision}
- 2/1618 . . . . {Multifocal lenses}
- 2/1621 . . . . {enabling correction for monovision}
- 2/1624 . . . . {having adjustable focus; power activated variable focus means, e.g. mechanically or electrically by the ciliary muscle or from the outside}
- 2/1627 . . . . {for changing index of refraction, e.g. by external means or by tilting}
- 2/1629 . . . . {for changing longitudinal position, i.e. along the visual axis when implanted}

- 2/1632 . . . . . {for changing radial position, i.e. perpendicularly to the visual axis when implanted}
- 2/1635 . . . . . {for changing shape}
- 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}
- 2/164 . . . . . {Aspheric lenses}
- 2/1643 . . . . . {Cylindrical lenses}
- 2/1645 . . . . . {Toric lenses}
- 2/1648 . . . . . {Multipart lenses}
- 2/1651 . . . . . {Multipart lenses comprising a telescope}
- 2/1654 . . . . . {Diffractive lenses}
- 2/1656 . . . . . {Fresnel lenses, prisms or plates}
- 2/1659 . . . . . {having variable absorption coefficient for electromagnetic radiation, e.g. photochromic lenses}
- 2/1662 . . . . {Instruments for inserting intraocular lenses into the eye}
- 2/1664 . . . . . {for manual insertion during surgery, e.g. forceps-like instruments}
- 2/1667 . . . . . {with rotatable plungers}
- 2/167 . . . . . {with pushable plungers}
- 2/1672 . . . . . {with a two-stage plunger, e.g. rotatable and pushable or rotatable at different speeds}
- 2/1675 . . . . . {with a lubricated inner surface, e.g. the lubricant being coated on the inner surface or being injected through a port}
- 2/1678 . . . . . {with a separate cartridge or other lens setting part for storage of a lens, e.g. preloadable for shipping}
- 2002/1681 . . . . {having supporting structure for lens, e.g. haptics}

**WARNING**

Group [A61F 2002/1681](#) is impacted by reclassification into groups [A61F 2002/1682](#), [A61F 2002/169](#), [A61F 2002/16901](#), [A61F 2002/16902](#), [A61F 2002/16903](#), [A61F 2002/16905](#), [A61F 2002/169051](#), [A61F 2002/169052](#), and [A61F 2002/169053](#).

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}
- 2002/16901 . . . . . {Supporting structure conforms to shape of capsular bag}
- 2002/16902 . . . . . {Separable from intraocular lens}
- 2002/16903 . . . . . {Having means to temporarily stabilize haptic}

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}
2/2445	. . . . . {Annuloplasty rings in direct contact with the valve annulus}	2002/2853	. . . {Humerus}
2/2448	. . . . . {D-shaped rings}	2/2857	. . . {for cadavers (devices for autopsy <a href="#">A61B 16/00</a> )}
2/2451	. . . . . {Inserts in the coronary sinus for correcting the valve shape}	2002/286	. . . {Bone stimulation by mechanical vibrations for enhancing ossification}
2/2454	. . . . . {Means for preventing inversion of the valve leaflets, e.g. chordae tendineae prostheses}		



2002/2864	. . . .	{by ultrasonic or acoustic vibrations}	2002/30044	. . . . .	{differing in melting temperature}
2002/2867	. . .	{Bone marrow}	2002/30046	. . . . .	{differing in thermal conductivity}
2002/2871	. . .	{Radius}	2002/30047	. . . . .	{differing in colour}
2/2875	. . .	{Skull or cranium ( <a href="#">A61F 2/2803</a> and <a href="#">A61F 2/3099</a> take precedence)}	2002/30049	. . . . .	{differing in optical properties}
2002/2878	. . . .	{for orbital repair}	2002/30051	. . . . .	{differing in corrosion resistance}
2002/2882	. . . .	{Malar or zygomatic implants}	2002/30052	. . . . .	{differing in electric properties}
2002/2885	. . . .	{Paranasal implants}	2002/30054	. . . . .	{differing in electromagnetical properties}
2002/2889	. . . .	{Maxillary, premaxillary or molar implants}	2002/30056	. . . . .	{differing in radiographic density}
2002/2892	. . .	{Tibia}	2002/30057	. . . . .	{made from both cortical and cancellous adjacent parts}
2002/2896	. . .	{Ulna}	2002/30059	. . . . .	{differing in bone mineralization, e.g. made from both mineralized and demineralized adjacent parts}
2/30	. .	Joints	2002/3006	. . . . .	{Properties of materials and coating materials}
2002/30001	. . .	{Additional features of subject-matter classified in <a href="#">A61F 2/28</a> , <a href="#">A61F 2/30</a> and subgroups thereof}	2002/30062	. . . . .	{(bio)absorbable, biodegradable, bioerodable, (bio)resorbable, resorptive}
2002/30003	. . . .	{Material related properties of the prosthesis or of a coating on the prosthesis}	2002/30064	. . . . .	{Coating or prosthesis-covering structure made of biodegradable material}
2002/30004	. . . . .	{The prosthesis made from materials having different values of a given property at different locations within the same prosthesis}	2002/30065	. . . . .	{thermoplastic, i.e. softening or fusing when heated, and hardening and becoming rigid again when cooled}
2002/30006	. . . . .	{differing in density or specific weight}	2002/30067	. . . . .	{Coating or prosthesis-covering structure made of thermoplastic material}
2002/30008	. . . . .	{differing in yarn density}	2002/30069	. . . . .	{elastomeric}
2002/30009	. . . . .	{differing in fibre orientations}	2002/3007	. . . . .	{Coating or prosthesis-covering structure made of elastic material, e.g. of elastomer}
2002/30011	. . . . .	{differing in porosity}	2002/30072	. . . . .	{Coating made of plastically deformable or self-moulding material}
2002/30013	. . . . .	{made from both porous and non-porous parts, e.g. adjacent parts}	2002/30074	. . . . .	{stretchable}
2002/30014	. . . . .	{differing in elasticity, stiffness or compressibility}	2002/30075	. . . . .	{swellable, e.g. when wetted}
2002/30016	. . . . .	{differing in hardness, e.g. Vickers, Shore, Brinell}	2002/30077	. . . . .	{shrinkable}
2002/30018	. . . . .	{differing in bending or flexure capacity}	2002/30079	. . . . .	{magnetic}
2002/30019	. . . . .	{differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability}	2002/3008	. . . . .	{radio-opaque, e.g. radio-opaque markers}
2002/30021	. . . . .	{differing in brittleness}	2002/30082	. . . . .	{radioactive}
2002/30023	. . . . .	{differing in viscosity}	2002/30084	. . . . .	{Materials having a crystalline structure}
2002/30024	. . . . .	{differing in coefficient of friction}	2002/30085	. . . . .	{anisotropic}
2002/30026	. . . . .	{differing in wear resistance}	2002/30087	. . . . .	{piezoelectric}
2002/30028	. . . . .	{differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts}	2002/30088	. . . . .	{Phase change materials [PCM], e.g. for storing latent heat}
2002/30029	. . . . .	{differing in bone ingrowth capacity}	2002/3009	. . . . .	{Transparent or translucent}
2002/30031	. . . . .	{differing in wettability, e.g. in hydrophilic or hydrophobic behaviours}	2002/30092	. . . . .	{using shape memory or superelastic materials, e.g. nitinol}
2002/30032	. . . . .	{differing in absorbability or resorbability, i.e. in absorption or resorption time}	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}
2002/30034	. . . . .	{made from both resorbable and non-resorbable prosthetic parts, e.g. adjacent parts}	2002/30095	. . . . .	{operated at different temperatures whilst inside or touching the human body, heated or cooled by external energy source or cold supply}
2002/30036	. . . . .	{differing in release or diffusion time}	2002/30097	. . . . .	{cooled}
2002/30037	. . . . .	{differing in coefficient of thermal expansion or dila(ta)tion}	2002/30098	. . . . .	{electrically, e.g. heated by resistor}
2002/30039	. . . . .	{differing in shape-memory transition temperatures, e.g. in martensitic transition temperature or in austenitic transition temperature}	2002/301	. . . . .	{electromagnetically}
2002/30041	. . . . .	{differing in hardening time}	2002/30102	. . . . .	{using a fluid, e.g. circulating}
2002/30042	. . . . .	{made from both cured and uncured parts}			

2002/30103	. . . . .	{heated by light}	2002/30186	. . . . .	{B-shaped}
2002/30105	. . . . .	{ultrasonically}	2002/30187	. . . . .	{D-shaped or half-disc-shaped}
2002/30107	. . . . .	{using materials or accessories for preventing galvanic or electrolytic corrosion}	2002/30189	. . . . .	{E-shaped or epsilon-shaped}
2002/30108	. . . . .	{Shapes}	2002/30191	. . . . .	{heart-shaped}
2002/30111	. . . . .	{Cross-sections or two-dimensional shapes}	2002/30192	. . . . .	{J-shaped}
2002/30112	. . . . .	{Rounded shapes, e.g. with rounded corners}	2002/30194	. . . . .	{quarter-disc-shaped}
2002/30113	. . . . .	{circular}	2002/30196	. . . . .	{Psi-shaped or fork-shaped}
2002/30115	. . . . .	{circular-O-shaped}	2002/30197	. . . . .	{Omega-shaped}
2002/30116	. . . . .	{partial circles, i.e. circular segments}	2002/30199	. . . . .	{Three-dimensional shapes}
2002/30118	. . . . .	{concentric circles}	2002/302	. . . . .	{toroidal, e.g. rings}
2002/3012	. . . . .	{intersecting circles}	2002/30202	. . . . .	{half-tores}
2002/30121	. . . . .	{with lobes}	2002/30204	. . . . .	{toric}
2002/30123	. . . . .	{with two diametrically opposed lobes}	2002/30205	. . . . .	{conical}
2002/30125	. . . . .	{elliptical or oval}	2002/30207	. . . . .	{Double convex cones, i.e. element having two convex cones, one at each of its opposite ends}
2002/30126	. . . . .	{oval-O-shaped}	2002/30209	. . . . .	{Cones of elliptical or oval basis}
2002/30128	. . . . .	{concentric ellipses}	2002/3021	. . . . .	{frustoconical}
2002/3013	. . . . .	{figure-"8"- or hourglass-shaped}	2002/30212	. . . . .	{Half-cones}
2002/30131	. . . . .	{horseshoe- or crescent- or C-shaped or U-shaped}	2002/30214	. . . . .	{having tapered sections of different conicities}
2002/30133	. . . . .	{kidney-shaped or bean-shaped}	2002/30215	. . . . .	{Stepped cones, i.e. having discrete diameter changes}
2002/30135	. . . . .	{S-shaped or Z-shaped}	2002/30217	. . . . .	{hollow cones, e.g. tubular-like cones}
2002/30136	. . . . .	{undulated or wavy, e.g. serpentine-shaped or zigzag-shaped}	2002/30219	. . . . .	{the inner and outer surfaces having different conicities}
2002/30138	. . . . .	{Convex polygonal shapes}	2002/3022	. . . . .	{Half tubular-like cones}
2002/3014	. . . . .	{decagonal}	2002/30222	. . . . .	{concentric tubular-like cones}
2002/30141	. . . . .	{dodecagonal}	2002/30224	. . . . .	{cylindrical}
2002/30143	. . . . .	{hexagonal}	2002/30225	. . . . .	{Flat cylinders, i.e. discs}
2002/30144	. . . . .	{Honeycomb pattern}	2002/30227	. . . . .	{arched, domed or vaulted}
2002/30146	. . . . .	{octagonal}	2002/30228	. . . . .	{Cylinders of elliptical or oval basis}
2002/30148	. . . . .	{lozenge- or diamond-shaped}	2002/3023	. . . . .	{wedge-shaped cylinders}
2002/30149	. . . . .	{pentagonal}	2002/30232	. . . . .	{Half-cylinders}
2002/30151	. . . . .	{rhomboidal or parallelogram-shaped}	2002/30233	. . . . .	{Stepped cylinders, i.e. having discrete diameter changes}
2002/30153	. . . . .	{rectangular}	2002/30235	. . . . .	{tubular, e.g. sleeves}
2002/30154	. . . . .	{square}	2002/30237	. . . . .	{partial tubes}
2002/30156	. . . . .	{triangular}	2002/30238	. . . . .	{half tubes}
2002/30158	. . . . .	{trapezoidal}	2002/3024	. . . . .	{concentric tubes}
2002/30159	. . . . .	{Concave polygonal shapes}	2002/30242	. . . . .	{spherical}
2002/30161	. . . . .	{arrow-shaped}	2002/30243	. . . . .	{the overall spherical surface being composed of a plurality of adjacent circular or polygonal segments, e.g. football-like shaped}
2002/30163	. . . . .	{cruciform, different from X-shaped}	2002/30245	. . . . .	{Partial spheres}
2002/30164	. . . . .	{dovetail-shaped}	2002/30247	. . . . .	{Hemispheres or half-spheres}
2002/30166	. . . . .	{H-shaped or I-shaped}	2002/30248	. . . . .	{Quarter-spheres}
2002/30168	. . . . .	{L-shaped}	2002/3025	. . . . .	{hollow spheres}
2002/30169	. . . . .	{Pi-shaped}	2002/30252	. . . . .	{quadric-shaped}
2002/30171	. . . . .	{rosette- or star-shaped}	2002/30253	. . . . .	{ellipsoidal or ovoid}
2002/30172	. . . . .	{T-shaped}	2002/30255	. . . . .	{hyperboloidal}
2002/30174	. . . . .	{the upper branch of the T being inclined with respect to its main branch}	2002/30257	. . . . .	{paraboloidal}
2002/30176	. . . . .	{V-shaped}	2002/30258	. . . . .	{elliptic paraboloid}
2002/30177	. . . . .	{W-shaped, M-shaped or sigma shaped}	2002/3026	. . . . .	{hyperbolic paraboloid}
2002/30179	. . . . .	{X-shaped}	2002/30261	. . . . .	{parallelepipedal}
2002/30181	. . . . .	{Y-shaped}	2002/30263	. . . . .	{cubical}
2002/30182	. . . . .	{Other shapes}	2002/30265	. . . . .	{Flat parallelepipeds}
2002/30184	. . . . .	{Alpha-shaped}	2002/30266	. . . . .	{wedge-shaped parallelepipeds}
			2002/30268	. . . . .	{Partial parallelepipeds}
			2002/3027	. . . . .	{Stepped parallelepipeds}

2002/30271	. . . . .	{hollow parallelepipeds}	2002/30337	. . . . .	{Inverted concave conical connections, e.g. for opposing disconnection}
2002/30273	. . . . .	{pyramidal}	2002/30339	. . . . .	{Double cones, i.e. connecting element having two conical connections, one at each of its opposite ends}
2002/30275	. . . . .	{tetrahedral, i.e. having a triangular basis}	2002/30341	. . . . .	{both cones being convex, i.e. male tapers}
2002/30276	. . . . .	{frustopyramidal}	2002/30342	. . . . .	{both cones being concave, i.e. female tapers}
2002/30278	. . . . .	{hollow pyramids}	2002/30344	. . . . .	{one cone being convex and the other being concave}
2002/3028	. . . . .	{polyhedral different from parallelepipedal and pyramidal}	2002/30345	. . . . .	{Multiple conical connection, i.e. the protrusion and recess having several tapered sections of different complementary conicities}
2002/30281	. . . . .	{wedge-shaped}	2002/30347	. . . . .	{Protrusion and recess of complementarily-tapered undulated or serrated cross-section}
2002/30283	. . . . .	{hollow}	2002/30349	. . . . .	{the male and female complementary cones being of different conicities, i.e. for reducing the contact area}
2002/30285	. . . . .	{rugby-ball-shaped}	2002/3035	. . . . .	{the male convex cone having an inner female concave taper}
2002/30286	. . . . .	{barrel-shaped}	2002/30352	. . . . .	{Protrusion and recess of D-shaped cross-section}
2002/30288	. . . . .	{bottle-shaped}	2002/30354	. . . . .	{Cylindrically-shaped protrusion and recess, e.g. cylinder of circular basis}
2002/30289	. . . . .	{helically-coiled}	2002/30355	. . . . .	{Cylinder of elliptical or oval basis}
2002/30291	. . . . .	{spirally-coiled, i.e. having a 2-D spiral cross-section}	2002/30357	. . . . .	{Stepped cylinders, i.e. having discrete diameter changes}
2002/30293	. . . . .	{Cylindrical body made by spirally rolling up a sheet or a strip around itself}	2002/30359	. . . . .	{Pyramidally- or frustopyramidally-shaped protrusion and recess}
2002/30294	. . . . .	{Conical or frustoconical body made by spirally rolling up a sheet or a strip around itself}	2002/3036	. . . . .	{Protrusion and recess of kidney-shaped cross-section}
2002/30296	. . . . .	{logarithmic spiral}	2002/30362	. . . . .	{with possibility of relative movement between the protrusion and the recess}
2002/30298	. . . . .	{Parallelepipedal body made by spirally rolling up a sheet or a strip around itself}	2002/30364	. . . . .	{Rotation about the common longitudinal axis}
2002/30299	. . . . .	{umbrella-shaped or mushroom-shaped}	2002/30365	. . . . .	{with additional means for limiting said rotation}
2002/30301	. . . . .	{saddle-shaped}	2002/30367	. . . . .	{with additional means for preventing said rotation}
2002/30303	. . . . .	{polypod-shaped}	2002/30369	. . . . .	{Limited lateral translation of the protrusion within a larger recess}
2002/30304	. . . . .	{nose-shaped}	2002/3037	. . . . .	{Translation along the common longitudinal axis, e.g. piston}
2002/30306	. . . . .	{harpoon-shaped}	2002/30372	. . . . .	{with additional means for limiting said translation}
2002/30308	. . . . .	{banana-shaped}	2002/30373	. . . . .	{with additional means for preventing said translation}
2002/30309	. . . . .	{hat-shaped}	2002/30375	. . . . .	{with an intermediate bushing or sleeve between the moving parts}
2002/30311	. . . . .	{doughnut-shaped}	2002/30377	. . . . .	{Protrusion and recess of constant polygonal, serrated or undulated cross-section}
2002/30313	. . . . .	{pear-shaped}	2002/30378	. . . . .	{Spherically-shaped protrusion and recess}
2002/30314	. . . . .	{bell-shaped}	2002/3038	. . . . .	{made by pushing a key or a peg into a mating slot or hole}
2002/30316	. . . . .	{The prosthesis having different structural features at different locations within the same prosthesis; Connections between prosthetic parts; Special structural features of bone or joint prostheses not otherwise provided for}			
2002/30317	. . . . .	{The prosthesis having different structural features at different locations within the same prosthesis}			
2002/30319	. . . . .	{differing in moment of inertia}			
2002/30321	. . . . .	{differing in roughness}			
2002/30322	. . . . .	{differing in surface structures}			
2002/30324	. . . . .	{differing in thickness}			
2002/30326	. . . . .	{differing in height or in length}			
2002/30327	. . . . .	{differing in diameter}			
2002/30329	. . . . .	{Connections or couplings between prosthetic parts, e.g. between modular parts; Connecting elements}			
2002/30331	. . . . .	{made by longitudinally pushing a protrusion into a complementarily-shaped recess, e.g. held by friction fit}			
2002/30332	. . . . .	{Conically- or frustoconically-shaped protrusion and recess}			
2002/30334	. . . . .	{Cone of elliptical or oval basis}			
2002/30336	. . . . .	{Stepped cones, i.e. having discrete diameter changes}			

2002/30382 . . . . .	{made by pushing lateral pegs into mating lateral slots or bores}	2002/30429 . . . . .	{made by inserting a hook into a cooperating slot}
2002/30383 . . . . .	{made by laterally inserting a protrusion, e.g. a rib into a complementarily-shaped groove}	2002/30431 . . . . .	{made by first pushing a necked button longitudinally and then sliding it laterally within a keyhole slot}
2002/30385 . . . . .	{the rib and groove having non-parallel, e.g. conically-tapered, cooperating sides, e.g. having a trapezoidal front cross-section}	2002/30433 . . . . .	{using additional screws, bolts, dowels or rivets, e.g. connecting screws}
2002/30387 . . . . .	{Dovetail connection}	2002/30434 . . . . .	{using bolts}
2002/30388 . . . . .	{Half-dovetail}	2002/30436 . . . . .	{using dowels}
2002/3039 . . . . .	{with possibility of relative movement of the rib within the groove}	2002/30438 . . . . .	{using nuts}
2002/30392 . . . . .	{Rotation}	2002/30439 . . . . .	{Screw head protectors}
2002/30393 . . . . .	{with additional means for limiting said rotation}	2002/30441 . . . . .	{using rivets or directly riveted}
2002/30395 . . . . .	{with additional means for preventing or locking said rotation}	2002/30443 . . . . .	{using washers}
2002/30397 . . . . .	{Limited lateral translation of the rib within a larger groove}	2002/30444 . . . . .	{Split washers}
2002/30398 . . . . .	{Sliding}	2002/30446 . . . . .	{Spring washers, e.g. Belleville washers}
2002/304 . . . . .	{with additional means for limiting said sliding}	2002/30448 . . . . .	{using adhesives}
2002/30401 . . . . .	{with additional means for preventing or locking said sliding}	2002/30449 . . . . .	{the adhesive being cement}
2002/30403 . . . . .	{Longitudinally-oriented cooperating ribs and grooves on mating lateral surfaces of a mainly longitudinal connection}	2002/30451 . . . . .	{soldered or brazed or welded}
2002/30405 . . . . .	{made by screwing complementary threads machined on the parts themselves}	2002/30453 . . . . .	{brazed}
2002/30406 . . . . .	{Threads machined on spherical, e.g. hemispherical, surfaces}	2002/30454 . . . . .	{by high energy welding, e.g. laser beam welding, electron beam welding, plasma welding}
2002/30408 . . . . .	{Conical threadings}	2002/30456 . . . . .	{by spot welding}
2002/3041 . . . . .	{having threaded portions of different pitches}	2002/30457 . . . . .	{by ultrasonic or sonic 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}	2002/30459 . . . . .	{stapled}
2002/30413 . . . . .	{having threads of increasing height or depth}	2002/30461 . . . . .	{sutured, ligatured or stitched}
2002/30415 . . . . .	{with additional means for limiting the length of the movement of the male threads within the female threads}	2002/30462 . . . . .	{retained or tied with a rope, string, thread, wire or cable}
2002/30416 . . . . .	{Microthreads}	2002/30464 . . . . .	{using bands, belts or straps}
2002/30418 . . . . .	{Double or multiple threadings}	2002/30466 . . . . .	{being elastic}
2002/3042 . . . . .	{with a pin cooperating with a helical groove}	2002/30467 . . . . .	{using hook and loop-type fasteners}
2002/30421 . . . . .	{Rounded threads}	2002/30469 . . . . .	{using band clamps}
2002/30423 . . . . .	{Stepped cylindrical threads, i.e. having discrete diameter changes}	2002/30471 . . . . .	{connected by a hinged linkage mechanism, e.g. of the single-bar or multi-bar linkage type}
2002/30425 . . . . .	{Square threads}	2002/30472 . . . . .	{using connecting nails or pins}
2002/30426 . . . . .	{Bayonet coupling}	2002/30474 . . . . .	{using an intermediate sleeve interposed between both prosthetic parts to be coupled}
2002/30428 . . . . .	{made by inserting a protrusion into a slot}	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}
		2002/30489 . . . . .	{Circumferential cooperating serrations}
		2002/3049 . . . . .	{using a slidable sleeve covering the connection}
		2002/30492 . . . . .	{using a locking pin}



2002/30494	. . . . .	{Cooperating protrusions and recesses, e.g. radial serrations, located on abutting end surfaces of a longitudinal connection}	2002/3056	. . . . .	{Torque-limiting means}
2002/30495	. . . . .	{using a locking ring}	2002/30561	. . . . .	{breakable or frangible}
2002/30497	. . . . .	{Split ring, e.g. circlip}	2002/30563	. . . . .	{having elastic means or damping means, different from springs, e.g. including an elastomeric core or shock absorbers}
2002/30499	. . . . .	{Wire ring}	2002/30565	. . . . .	{having spring elements}
2002/305	. . . . .	{Snap connection}	2002/30566	. . . . .	{Helical springs}
2002/30502	. . . . .	{Press-buttons}	2002/30568	. . . . .	{Multiple spring systems including two or more helical springs}
2002/30504	. . . . .	{made by laterally snapping a peg or a like protrusion into a mating detent, hole or slot}	2002/3057	. . . . .	{Concentric outer and inner helical springs}
2002/30505	. . . . .	{spring biased}	2002/30571	. . . . .	{Leaf springs}
2002/30507	. . . . .	{using a threaded locking member, e.g. a locking screw or a set screw}	2002/30573	. . . . .	{2-D spiral springs}
2002/30509	. . . . .	{using a traction locking screw}	2002/30574	. . . . .	{with an integral complete or partial collar or flange}
2002/3051	. . . . .	{using a locking bolt or a set bolt}	2002/30576	. . . . .	{with extending fixation tabs}
2002/30512	. . . . .	{using a locking nut or a set nut}	2002/30578	. . . . .	{having apertures, e.g. for receiving fixation screws}
2002/30514	. . . . .	{using a locking washer}	2002/30579	. . . . .	{with mechanically expandable devices, e.g. fixation devices}
2002/30515	. . . . .	{using a locking wedge or block}	2002/30581	. . . . .	{having a pocket filled with fluid, e.g. liquid}
2002/30517	. . . . .	{using a locking plate}	2002/30583	. . . . .	{filled with hardenable fluid, e.g. curable in-situ}
2002/30518	. . . . .	{with possibility of relative movement between the prosthetic parts}	2002/30584	. . . . .	{filled with gas}
2002/3052	. . . . .	{unrestrained in only one direction, e.g. moving unidirectionally}	2002/30586	. . . . .	{having two or more inflatable pockets or chambers}
2002/30522	. . . . .	{releasable, e.g. using a releasable ratchet}	2002/30588	. . . . .	{filled with solid particles}
2002/30523	. . . . .	{by means of meshing gear teeth}	2002/30589	. . . . .	{Sealing means}
2002/30525	. . . . .	{Worm gears}	2002/30591	. . . . .	{O-rings}
2002/30527	. . . . .	{using a gear box}	2002/30593	. . . . .	{hollow}
2002/30528	. . . . .	{Means for limiting said movement}	2002/30594	. . . . .	{slotted}
2002/3053	. . . . .	{having additional means for preventing unwanted connections}	2002/30596	. . . . .	{slots ending in apertures, e.g. for avoiding stress concentration at the ends of the slots}
2002/30532	. . . . .	{for preventing connection between parts of wrong sizes or orientations}	2002/30598	. . . . .	{Plurality of slots}
2002/30533	. . . . .	{for preventing permanent connection between prosthetic parts and trial parts}	2002/30599	. . . . .	{stackable}
2002/30535	. . . . .	{Special structural features of bone or joint prostheses not otherwise provided for}	2002/30601	. . . . .	{telescopic}
2002/30537	. . . . .	{adjustable}	2002/30602	. . . . .	{Shaft made of a bundle of anchoring rods or bristles, e.g. fasciculate shaft}
2002/30538	. . . . .	{for adjusting angular orientation}	2002/30604	. . . . .	{modular}
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}	2002/30606	. . . . .	{Sets comprising both cemented and non-cemented endoprostheses}
2002/30542	. . . . .	{at continuous positions}	2002/30607	. . . . .	{Kits of prosthetic parts to be assembled in various combinations for forming different prostheses}
2002/30543	. . . . .	{at only two discrete angular positions, e.g. located at 180 degrees intervals}	2002/30609	. . . . .	{Sets comprising both coated and non-coated endoprostheses}
2002/30545	. . . . .	{for adjusting a diameter}	2002/30611	. . . . .	{Nested prosthetic parts}
2002/30546	. . . . .	{for adjusting elasticity, flexibility, spring rate or mechanical tension}	2002/30612	. . . . .	{Pre-assembled implant modules}
2002/30548	. . . . .	{for adjusting fluid pressure}	2002/30614	. . . . .	{Sets comprising both primary and revision endoprostheses}
2002/3055	. . . . .	{for adjusting length}	2002/30616	. . . . .	{Sets comprising a plurality of prosthetic parts of different sizes or orientations}
2002/30551	. . . . .	{at different discrete positions, e.g. at equidistant intervals}	2002/30617	. . . . .	{Visible markings for adjusting, locating or measuring}
2002/30553	. . . . .	{for adjusting a position by translation along an axis}	2002/30619	. . . . .	{Wire rings}
2002/30555	. . . . .	{along two perpendicular axes}	2002/30621	. . . . .	{Features concerning the anatomical functioning or articulation of the prosthetic joint}
2002/30556	. . . . .	{for adjusting thickness}			
2002/30558	. . . . .	{Force-limiting means}			

2002/30622	. . . . .	{Implant for fusing a joint or bone material}	2002/30682	. . . . .	{Means for preventing migration of particles released by the joint, e.g. wear debris or cement particles}
2002/30624	. . . . .	{Hinged joint, e.g. with transverse axle restricting the movement}	2002/30683	. . . . .	{Means for collecting wear particles in a hollow cavity inside the prosthesis}
2002/30626	. . . . .	{allowing only for single rotation}	2002/30685	. . . . .	{Means for reducing or preventing the generation of wear particulates}
2002/30627	. . . . .	{by means of cooperating stepped cylindrical surfaces}	2002/30686	. . . . .	{Devices for removing particulate debris from prosthetic joints}
2002/30629	. . . . .	{of the pin-guiding groove linkage type}	2002/30688	. . . . .	{Means for allowing passage or sliding of tendons or ligaments}
2002/3063	. . . . .	{having bearing bushes between the rotating parts}	2002/3069	. . . . .	{Revision endoprostheses}
2002/30632	. . . . .	{with rotation-limiting stops, e.g. projections or recesses}	2002/30691	. . . . .	{Drainage means, e.g. for evacuating blood or other fluids}
2002/30634	. . . . .	{biaxial}	2002/30693	. . . . .	{Air venting means}
2002/30635	. . . . .	{Cardan or gimbal joints}	2002/30695	. . . . .	{Sound-damping or noise-reducing means}
2002/30637	. . . . .	{Dual arrangement of two adjacent hinged joints}	2002/30696	. . . . .	{Means for preventing the accidental forgetting of prosthetic parts inside the body during operation}
2002/30639	. . . . .	{having rolling elements between both articulating surfaces}	2002/30698	. . . . .	{Alarm means}
2002/3064	. . . . .	{Ball bearings}	2002/307	. . . . .	{Prostheses for animals}
2002/30642	. . . . .	{having a single rolling (or sliding) ball articulating between two cups}	2002/30701	. . . . .	{for cats}
2002/30644	. . . . .	{Roller bearings}	2002/30703	. . . . .	{for dogs}
2002/30645	. . . . .	{Needle bearings}	2002/30705	. . . . .	{for horses}
2002/30647	. . . . .	{Joints made of two toroidal rings engaged together}	2002/30706	. . . . .	{specially designed for children, e.g. having means for adjusting to their growth}
2002/30649	. . . . .	{Ball-and-socket joints}	2002/30708	. . . . .	{Means for distinguishing between left-sided and right-sided devices, Sets comprising both left-sided and right-sided prosthetic parts}
2002/3065	. . . . .	{Details of the ball-shaped head}	2002/3071	. . . . .	{Identification means; Administration of patients}
2002/30652	. . . . .	{Special cut-outs, e.g. flat or grooved cut-outs}	2002/30711	. . . . .	{with bar code}
2002/30654	. . . . .	{Details of the concave socket}	2002/30713	. . . . .	{colour-coded}
2002/30655	. . . . .	{Non-spherical concave inner surface}	2002/30714	. . . . .	{coded with symbols, e.g. dots, numbers, letters, words}
2002/30657	. . . . .	{made of different partially-spherical concave portions}	2002/30716	. . . . .	{for single use, e.g. having means for preventing re-use}
2002/30658	. . . . .	{having a central conforming area surrounded by a peripheral annular non-conforming area}	2002/30718	. . . . .	{Means for protecting prosthetic parts, e.g. during operation}
2002/3066	. . . . .	{having a central non-conforming area surrounded by a peripheral annular conforming area}	2002/30719	. . . . .	{Means for cleaning prostheses}
2002/30662	. . . . .	{with rotation-limiting means}	2/30721	. . . . .	{Accessories}
2002/30663	. . . . .	{multiaxial, e.g. biaxial; multipolar, e.g. bipolar or having an intermediate shell articulating between the ball and the socket}	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> )}
2002/30665	. . . . .	{Dual arrangement of two adjacent ball-and-socket joints}	2/30724	. . . . .	{Spacers for centering an implant in a bone cavity, e.g. in a cement-receiving cavity}
2002/30667	. . . . .	{Features concerning an interaction with the environment or a particular use of the prosthesis}	2002/30726	. . . . .	{Centering or guiding rods, e.g. for insertion of femoral shafts}
2002/30668	. . . . .	{Means for transferring electromagnetic energy to implants}	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> )}
2002/3067	. . . . .	{for data transfer}	2002/30729	. . . . .	{Separate collars}
2002/30672	. . . . .	{temporary}	2002/30731	. . . . .	{Bone edge protectors}
2002/30673	. . . . .	{Lubricating means, e.g. synovial pocket}	2002/30733	. . . . .	{Inserts placed into an endoprosthetic cavity, e.g. for modifying a material property}
2002/30675	. . . . .	{Means for regulating synovial fluid pressure}	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}
2002/30677	. . . . .	{Means for introducing or releasing pharmaceutical products, e.g. antibiotics, into the body}			
2002/30678	. . . . .	{Gene therapy}			
2002/3068	. . . . .	{the pharmaceutical product being in a reservoir}			

2002/30736	. . . . .	{Augments or augmentation pieces, e.g. wedges or blocks for bridging a bone defect}	2002/30787	. . . . .	{inclined obliquely with respect to each other}
2002/30738	. . . . .	{Sleeves}	2002/30789	. . . . .	{perpendicular with respect to each other}
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> )}	2002/3079	. . . . .	{Stepped or enlarged apertures, e.g. having discrete diameter changes}
2002/30741	. . . . .	{for the lesser trochanter}	2002/30792	. . . . .	{Dual tapered apertures}
2/30742	. . . . .	{Bellows or hose-like seals; Sealing membranes ( <a href="#">A61B 17/8808 takes precedence</a> ; <a href="#">sealing membranes for retaining bone substitute A61F 2/2846</a> )}	2002/30794	. . . . .	{the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap}
2/30744	. . . . .	{End caps, e.g. for closing an endoprosthetic cavity}	2002/30795	. . . . .	{Blind bores, e.g. of circular cross-section}
2002/30746	. . . . .	{closable by a rotation different from screwing or bayonet coupling, e.g. about the cap central longitudinal axis}	2002/30797	. . . . .	{internally-threaded}
2002/30747	. . . . .	{closable by translation}	2002/30799	. . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}
2/30749	. . . . .	{Fixation appliances for connecting prostheses to the body}	2002/308	. . . . .	{oblong}
2002/30751	. . . . .	{for attaching cartilage scaffolds to underlying bone}	2002/30802	. . . . .	{arcuate}
2002/30752	. . . . .	{by means of a bed of granular material}	2002/30803	. . . . .	{inclined obliquely}
2002/30754	. . . . .	{Implants for interposition between two natural articular surfaces}	2002/30805	. . . . .	{Recesses of comparatively large area with respect to their low depth}
2/30756	. . . . .	{Cartilage endoprostheses ( <a href="#">A61F 2/3603 takes precedence</a> )}	2002/30807	. . . . .	{Plurality of blind bores}
2002/30757	. . . . .	{made of a sheet covering the natural articular surface, e.g. cap}	2002/30808	. . . . .	{parallel}
2002/30759	. . . . .	{Mosaicplasty, i.e. using a plurality of individual cartilage plugs for filling a substantial cartilage defect}	2002/3081	. . . . .	{inclined obliquely with respect to each other}
2002/30761	. . . . .	{Support means for artificial cartilage, e.g. cartilage defect covering membranes}	2002/30812	. . . . .	{perpendicular with respect to each other}
2002/30762	. . . . .	{Means for culturing cartilage}	2002/30813	. . . . .	{Stepped or enlarged blind bores, e.g. having discrete diameter changes}
2002/30764	. . . . .	{Cartilage harvest sites}	2002/30815	. . . . .	{the enlarged portion being used for receiving and hiding a screw head, a nut or a closing cap}
2002/30766	. . . . .	{Scaffolds for cartilage ingrowth and regeneration}	2002/30817	. . . . .	{Intersecting or overlapping blind bores}
2/30767	. . . . .	{Special external and/or bone-contacting surfaces, e.g. coating for improving bone ingrowth ( <a href="#">materials for coating prostheses A61L 27/28</a> )}	2002/30818	. . . . .	{castellated or crenellated}
2002/30769	. . . . .	{madreporic}	2002/3082	. . . . .	{Grooves}
2/30771	. . . . .	{applied in original prostheses, e.g. holes, grooves ( <a href="#">etching the surface A61F 2/30767</a> )}	2002/30822	. . . . .	{Circumferential grooves}
2002/30772	. . . . .	{Apertures or holes, e.g. of circular cross section}	2002/30823	. . . . .	{having the shape of a reverse dovetail}
2002/30774	. . . . .	{internally-threaded}	2002/30825	. . . . .	{arcuate}
2002/30775	. . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}	2002/30827	. . . . .	{Plurality of grooves}
2002/30777	. . . . .	{Oblong apertures}	2002/30828	. . . . .	{parallel}
2002/30779	. . . . .	{arcuate}	2002/3083	. . . . .	{inclined obliquely with respect to each other}
2002/3078	. . . . .	{having an undulated contour, e.g. made of intercommunicating circular holes}	2002/30831	. . . . .	{perpendicular with respect to each other}
2002/30782	. . . . .	{inclined obliquely}	2002/30833	. . . . .	{with enlarged portion}
2002/30784	. . . . .	{Plurality of holes}	2002/30835	. . . . .	{for receiving and hiding a screw head or a nut}
2002/30785	. . . . .	{parallel}	2002/30836	. . . . .	{knurled}
			2002/30838	. . . . .	{Microstructures}
			2002/3084	. . . . .	{Nanostructures}
			2002/30841	. . . . .	{Sharp anchoring protrusions for impaction into the bone, e.g. sharp pins, spikes}
			2002/30843	. . . . .	{Pyramidally-shaped}
			2002/30845	. . . . .	{with cutting edges}
			2002/30846	. . . . .	{circular}
			2002/30848	. . . . .	{straight}
			2002/3085	. . . . .	{with a threaded, e.g. self-tapping, bone-engaging surface, e.g. external surface}
			2002/30851	. . . . .	{Multiple threadings}
			2002/30853	. . . . .	{Double threadings}

2002/30855	. . . . .	{Quadruple or higher rank multiple threadings}	2002/30915	. . . . .	{made of a stack of bonded perforated sheets, grids or wire meshes}
2002/30856	. . . . .	{Triple threadings}	2002/30917	. . . . .	{for avoiding direct contact between bone and implant, e.g. extensible membrane for preventing contamination or for easy removal}
2002/30858	. . . . .	{Threads interrupted by grooves or sidewalls, e.g. flat sidewalls}	2002/30919	. . . . .	{Sleeves}
2002/30859	. . . . .	{having threaded portions of different pitches}	2002/3092	. . . . .	{having an open-celled or open-pored structure}
2002/30861	. . . . .	{having threads of increasing or decreasing height}	2002/30922	. . . . .	{Hardened surfaces}
2002/30863	. . . . .	{the entry end surface having flutes, relief grooves, starter notches or beveled indentations}	2002/30924	. . . . .	{by shot peening}
2002/30864	. . . . .	{Microthreads}	2002/30925	. . . . .	{etched}
2002/30866	. . . . .	{Rounded threads}	2002/30927	. . . . .	{Electrolytic etching}
2002/30868	. . . . .	{Square, rectangular or rhomboidal threads}	2002/30929	. . . . .	{having at least two superposed coatings}
2002/30869	. . . . .	{Dovetail-shaped}	2002/3093	. . . . .	{for promoting ingrowth of bone tissue}
2002/30871	. . . . .	{Trapezoidal threads}	2002/30932	. . . . .	{for retarding or preventing ingrowth of bone tissue}
2002/30873	. . . . .	{Threadings machined on non-cylindrical external surfaces}	2002/30934	. . . . .	{Special articulating surfaces}
2002/30874	. . . . .	{on conical, e.g. frustoconical, surfaces}	2002/30935	. . . . .	{Concave articulating surface composed of a central conforming area surrounded by a peripheral annular non-conforming area}
2002/30876	. . . . .	{on spherical, e.g. hemispherical, surfaces}	2002/30937	. . . . .	{with cut-outs}
2002/30878	. . . . .	{with non-sharp protrusions, for instance contacting the bone for anchoring, e.g. keels, pegs, pins, posts, shanks, stems, struts}	2002/30939	. . . . .	{Means for modifying the geometry of articulating surfaces, e.g. for compensating excessive clearance caused by wear}
2002/30879	. . . . .	{Ribs}	2/3094	. . . . .	{Designing or manufacturing processes (not used, see subgroups)}
2002/30881	. . . . .	{Circumferential ribs}	2/30942	. . . . .	{for designing or making customized prostheses, e.g. using templates, CT or NMR scans, finite-element analysis or CAD-CAM techniques (computer-assisted sizing or machining of dental prostheses A61C 13/0004; CAD-CAM techniques per se G05B 19/4202)}
2002/30883	. . . . .	{dovetail-shaped}	2002/30943	. . . . .	{using mathematical models}
2002/30884	. . . . .	{Fins or wings, e.g. longitudinal wings for preventing rotation within the bone cavity}	2002/30945	. . . . .	{using geometrical models}
2002/30886	. . . . .	{externally-threaded}	2002/30947	. . . . .	{Fractal geometry}
2002/30887	. . . . .	{with two portions of opposite threads, i.e. a right-hand thread and a left-hand thread}	2002/30948	. . . . .	{using computerized tomography, i.e. CT scans}
2002/30889	. . . . .	{Arcuate pegs}	2002/3095	. . . . .	{using computerized axial tomography, i.e. CAT scans}
2002/30891	. . . . .	{Plurality of protrusions}	2002/30952	. . . . .	{using CAD-CAM techniques or NC-techniques}
2002/30892	. . . . .	{parallel}	2002/30953	. . . . .	{using a remote computer network, e.g. Internet}
2002/30894	. . . . .	{inclined obliquely with respect to each other}	2002/30955	. . . . .	{using finite-element analysis}
2002/30896	. . . . .	{perpendicular with respect to each other}	2002/30957	. . . . .	{using a positive or a negative model, e.g. moulds}
2002/30897	. . . . .	{Stepped protrusions, i.e. having discrete diameter changes}	2002/30958	. . . . .	{using lost patterns, e.g. lost wax}
2002/30899	. . . . .	{Protrusions pierced with apertures}	2002/3096	. . . . .	{trimmed or cut to a customised size}
2002/30901	. . . . .	{longitudinally}	2002/30962	. . . . .	{using stereolithography}
2002/30902	. . . . .	{laterally or radially}	2002/30963	. . . . .	{using templates, e.g. grid charts}
2002/30904	. . . . .	{serrated profile, i.e. saw-toothed}	2/30965	. . . . .	{Reinforcing the prosthesis by embedding particles or fibres during moulding or dipping}
2002/30906	. . . . .	{shot- sand- or grit-blasted}	2002/30967	. . . . .	{Diffusion bonding}
2/30907	. . . . .	{Nets or sleeves applied to surface of prostheses or in cement}	2002/30968	. . . . .	{Sintering}
2002/30909	. . . . .	{Nets}	2002/3097	. . . . .	{using laser}
2002/30911	. . . . .	{having a honeycomb structure}	2002/30971	. . . . .	{Laminates, i.e. layered products}
2002/30912	. . . . .	{made of expanded metal, e.g. diamond mesh or metal nets having lozenge-shaped apertures}	2002/30973	. . . . .	{Two joined adjacent layers having complementary interlocking protrusions and recesses}
2002/30914	. . . . .	{Details of the mesh structure, e.g. disposition of the woven warp and weft wires}	2002/30975	. . . . .	{made of two halves}



2002/30976	. . . .	{using hydrojet}	2002/3411	. . . . .	{having a snap connection between two concentric shells}
2002/30978	. . . .	{using electrical discharge machining [EDM]}	2002/3412	. . . . .	{with pins or protrusions, e.g. non-sharp pins or protrusions projecting from a shell surface}
2002/3098	. . . .	{using physical vapour deposition [PVD]}	2002/3414	. . . . .	{Polar protrusion, e.g. for centering two concentric shells}
2002/30981	. . . .	{using chemical vapour deposition [CVD]}	2002/3416	. . . . .	{externally-threaded}
2002/30983	. . . .	{using electrostatic spray deposition [ESD]}	2002/3417	. . . . .	{the outer shell having protrusions on meridian lines, e.g. equidistant fins or wings around the equatorial zone}
2002/30985	. . . .	{using three dimensional printing [3DP]}	2002/3419	. . . . .	{Meridian ribs}
2002/30986	. . . .	{using hot isostatic pressing [HIP]}	2002/342	. . . . .	{the outer shell having circumferential protrusions parallel to the equatorial plane, e.g. circumferential fins or wings}
2/30988	. . .	{Other joints not covered by any of the groups <a href="#">A61F 2/32</a> - <a href="#">A61F 2/4425</a> }	2002/3422	. . . . .	{Circumferential ribs}
2/3099	. . . .	{for temporo-mandibular [TM, TMJ] joints (endoprotheses for mandibular reconstruction <a href="#">A61F 2/2803</a> )}	2002/3424	. . . . .	{arranged in rows, the circumferential ribs covering only partially the outer shell surface, e.g. located in the equatorial zone}
2002/30991	. . . . .	{Mandibular components}	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}
2002/30993	. . . . .	{Temporal components}	2002/3427	. . . . .	{Non-meridian ribs, e.g. parallel ribs, inclined or perpendicular with respect to the equatorial plane}
2002/30995	. . . .	{for sacro-iliac joints}	2002/3429	. . . . .	{with an integral peripheral collar or flange, e.g. oriented away from the shell centre line}
2002/30996	. . . .	{for sterno-clavicular joints}	2002/343	. . . . .	{partial, i.e. not extending along the entire equatorial circumference}
2002/30998	. . . .	{for acromio-clavicular joints}	2002/3432	. . . . .	{having apertures for receiving fixation screws}
2/32	. . .	for the hip	2002/3433	. . . . .	{with cut-outs, e.g. for allowing escape of excess bone cement}
<b>NOTE</b>			2002/3435	. . . . .	{peripheral lip, e.g. elastic lip}
Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only			2002/3437	. . . . .	{oriented inwardly towards the shell centre line}
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}	2002/3438	. . . . .	{hollow, e.g. clearance between inner and outer shells}
2002/3216	. . . . .	{tripolar}	2002/344	. . . . .	{the inner shell having an inner hip femoral head-receiving cavity offset from its centre line}
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}	2002/3441	. . . . .	{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}
2002/3233	. . . .	{having anti-luxation means for preventing complete dislocation of the femoral head from the acetabular cup}	2002/3443	. . . . .	{with an anti-luxation elevated rim portion, e.g. on the inner shell}
2002/3241	. . . .	{having a ring, e.g. for locking the femoral head into the acetabular cup}	2002/3445	. . . . .	{having a number of shells different from two}
2002/325	. . . . .	{Split ring}	2002/3446	. . . . .	{Single cups}
2002/3258	. . . . .	{Elastic or split ring, slidable from a first insertion position to a second locked position}	2002/3448	. . . . .	{Multiple cups made of three or more concentric shells fitted or nested into one another}
2002/3266	. . . . .	{Wire ring}	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}
2002/3275	. . . . .	{Partial ring, i.e. not extending along the entire equatorial circumference}	2002/3451	. . . . .	{with angular positioning means for selecting any one of a plurality of radial orientations between two concentric shells, e.g. at discrete positions}
2002/3283	. . . . .	{having two rings}			
2002/3291	. . . . .	{for locking two concentric acetabular shells}			
2/34	. . . .	Acetabular cups			
2002/3401	. . . . .	{with radial apertures, e.g. radial bores for receiving fixation screws}			
2002/3403	. . . . .	{Polar aperture}			
2002/3404	. . . . .	{internally-threaded}			
2002/3406	. . . . .	{Oblong apertures}			
2002/3408	. . . . .	{Shells having at least two sets of different apertures, e.g. one set located in the equatorial zone and another set located in the polar zone}			
2002/3409	. . . . .	{having a bayonet coupling between an outer shell and a bearing insert}			

2002/3453	. . . . .	{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. endoprosthesis 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}			
2002/3456	. . . . .	{ellipsoidal or having a flattened polar region}			
2002/3458	. . . . .	{having a flattened polar plane}			
2002/3459	. . . . .	{made of different partially-spherical portions}	2/3603	. . . . .	{implanted without ablation of the whole natural femoral head (endoprosthesis cartilage <a href="#">A61F 2/30756</a> )}
2002/3461	. . . . .	{having a lower equatorial peripheral spherical portion and an upper polar spherical portion, e.g. of differing radii or centres of rotation}	2002/3605	. . . . .	{made of two or more concentric caps fitted onto one another}
2002/3462	. . . . .	{having a frustoconical external shape, e.g. entirely frustoconical}	2/3607	. . . . .	{including proximal or total replacement of the femur}
2002/3464	. . . . .	{partially frustoconical}	2/3609	. . . . .	{Femoral heads or necks; Connections of endoprosthesis heads or necks to endoprosthesis femoral shafts ( <a href="#">A61F 2/3601</a> takes precedence)}
2002/3466	. . . . .	{having a cylindrical external shape, e.g. entirely cylindrical}			
2002/3467	. . . . .	{partially cylindrical}	2002/3611	. . . . .	{Heads or epiphyseal parts of femur}
2002/3469	. . . . .	{with non-radial inner bores or canals}	2002/3613	. . . . .	{with lateral or oblique apertures, holes or openings}
2002/347	. . . . .	{with a slotted shell, e.g. outer shell having radial or meridian slots}	2002/3615	. . . . .	{having a concave shape, e.g. hemispherical cups}
2002/3472	. . . . .	{with one radial or meridian slot ending in a polar aperture}	2002/3617	. . . . .	{with special cut-outs, e.g. flat cut-outs for inserting the head into a cooperating shell, in a given insertion position}
2002/3474	. . . . .	{slots ending in non-polar apertures}	2002/3619	. . . . .	{hollow}
2002/3475	. . . . .	{horizontal slots, i.e. parallel to the equatorial plane}	2002/3621	. . . . .	{pierced with a longitudinal bore}
2002/3477	. . . . .	{arcuate slots}	2002/3623	. . . . .	{Non-spherical heads}
2002/3479	. . . . .	{Cage-like shells, e.g. hemispherical outer shells made of meridian strips or wires connected to an equatorial strip, rim or wire}	2002/3625	. . . . .	{Necks}
2002/348	. . . . .	{Additional features}	2002/3627	. . . . .	{with lateral apertures, holes or openings}
2002/3482	. . . . .	{Two hemispherical halves having completely different structures}	2002/3629	. . . . .	{inclined obliquely}
2002/3483	. . . . .	{having a convex shape, e.g. hemispherical heads}	2002/3631	. . . . .	{with an integral complete or partial peripheral collar or bearing shoulder at its base}
2002/3485	. . . . .	{Shells made of block segments linked by thin connecting strips}	2002/3633	. . . . .	{with an integral protrusion extending distally under the collar}
2002/3487	. . . . .	{Partial acetabular cups, e.g. strips replacing only partially the natural acetabular cartilage}	2002/3635	. . . . .	{having a separate element placed under the collar}
2002/3488	. . . . .	{for allowing sliding or for preventing hurting of the psoas muscle}	2002/3637	. . . . .	{with an angled portion, e.g. oriented towards the lesser trochanter}
2002/349	. . . . .	{Shell having a wavy or undulated peripheral rim}	2002/3639	. . . . .	{with cut-outs}
2002/3491	. . . . .	{partial, i.e. not extending along the entire equatorial circumference}	2002/3641	. . . . .	{pierced with apertures perpendicular to the collar longitudinal axis}
2002/3493	. . . . .	{Spherical shell significantly greater than a hemisphere, e.g. extending over more than 200 degrees}	2002/3643	. . . . .	{pierced with apertures parallel or oblique with respect to the collar longitudinal axis}
2002/3495	. . . . .	{Spherical shell significantly smaller than a hemisphere, e.g. extending over less than 160 degrees}	2002/3645	. . . . .	{hollow}
2002/3496	. . . . .	{having a non-spherical concave inner surface}	2002/3647	. . . . .	{pierced with a longitudinal bore}
2002/3498	. . . . .	{made of different partially-spherical concave portions}	2002/3649	. . . . .	{offset from the neck central longitudinal axis}
2/36	. . . . .	Femoral heads; {Femoral endoprosthesis}	2002/365	. . . . .	{Connections of heads to necks}
			2002/3652	. . . . .	{Connections of necks to shafts}
			2002/3654	. . . . .	{Connections of heads directly to shafts}
			2002/3656	. . . . .	{with angular positioning means for selecting any one of a plurality of radial orientations, e.g. at discrete positions}

2002/3658	. . . . .	{Two angular positions, e.g. located at 180 degrees intervals}	2/3872	. . . .	{Meniscus for implantation between the natural bone surfaces}
2002/366	. . . . .	{at continuous positions}	2/3877	. . . .	{Patellae or trochleae}
2/3662	. . . . .	{Femoral shafts}	2002/3881	. . . . .	{with moving parts}
2002/3664	. . . . .	{with non-sharp protrusions}	2/3886	. . . .	{for stabilising knees against anterior or lateral dislocations}
2002/3666	. . . . .	{Circumferential flanges or fins}	2/389	. . . .	{Tibial components ( <a href="#">A61F 2/3868</a> takes precedence)}
2002/3668	. . . . .	{Longitudinal fins or wings, e.g. for preventing rotation within the intramedullary bone cavity}	2002/3895	. . . .	{unicompartmental}
2/367	. . . . .	{Proximal or metaphyseal parts of shafts ( <a href="#">trochanteric devices connected to said proximal parts A61F 2/30739</a> )}	2/40	. . .	for shoulders
2/3672	. . . . .	{Intermediate parts of shafts}	<b>NOTE</b>  Documents, which are of interest for more than one of the following subgroups, are classified in the hierarchically higher group only		
2002/3674	. . . . .	{Connections of proximal parts to distal parts}			
2/3676	. . . . .	{Distal or diaphyseal parts of shafts}	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> )}
2002/3678	. . . . .	{Geometrical features}	2002/4007	. . . . .	{implanted without ablation of the whole natural humeral head}
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}	2002/4011	. . . .	{including proximal or total replacement of the humerus}
2002/3682	. . . . .	{Oblong apertures}	2/4014	. . . .	{Humeral heads or necks; Connections of endoprosthetic heads or necks to endoprosthetic humeral shafts}
2002/3684	. . . . .	{inclined obliquely with respect to the shaft longitudinal axis, e.g. along the neck axis}	2002/4018	. . . . .	{Heads or epiphyseal parts of humerus}
2002/3686	. . . . .	{bent}	2002/4022	. . . . .	{having a concave shape, e.g. hemispherical cups}
2002/3688	. . . . .	{with opposite proximal and distal curvatures, i.e. S-shaped shaft}	2002/4025	. . . . .	{hollow}
2002/369	. . . . .	{Stepped shaft, i.e. having discrete diameter changes}	2002/4029	. . . . .	{Necks}
2002/3692	. . . . .	{hollow}	2002/4033	. . . . .	{with an integral complete or partial peripheral collar at its base}
2002/3694	. . . . .	{with longitudinal bores}	2002/4037	. . . . .	{Connections of heads to necks}
2002/3696	. . . . .	{slotted}	2002/404	. . . . .	{with a clearance between proximal end of neck and inner end of head}
2002/3698	. . . . .	{twisted about the longitudinal axis of the shaft}	2002/4044	. . . . .	{Connections of necks to shafts}
2/38	. . .	for elbows or knees	2002/4048	. . . . .	{with an inner clearance between both parts}
<b>NOTE</b>  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}
2/385	. . . . .	{also provided with condylar bearing surfaces}	2002/4092	. . . .	{Clavicular components}
2/3854	. . . . .	{with ball and socket joint}	2002/4096	. . . .	{Coracoid process components}
2/3859	. . . .	{Femoral components}	2/42	. . .	for wrists or ankles; for hands, e.g. fingers; for feet, e.g. toes
2002/3863	. . . . .	{Condyles fitted on an anchored base}	2/4202	. . . .	{for ankles}
2/3868	. . . .	{with sliding tibial bearing}			

2002/4205	. . . . .	{Tibial components}	2002/443	. . . . .	{having two transversal endplates and at least one intermediate component}
2002/4207	. . . . .	{Talar components}	2002/4435	. . . . .	{Support means or repair of the natural disc wall, i.e. annulus, e.g. using plates, membranes or meshes}
2002/421	. . . . .	{Fibular components, e.g. fibular-malleolar shields}	2002/444	. . . . .	{for replacing the nucleus pulposus}
2002/4212	. . . . .	{Tarsal bones}	2002/4445	. . . . .	{Means for culturing intervertebral disc tissue}
2002/4215	. . . . .	{Lateral row of tarsal bones}	2002/445	. . . . .	{Intervertebral disc tissue harvest sites}
2002/4217	. . . . .	{Calcaneum or calcaneus or heel bone}	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> )}
2002/422	. . . . .	{Medial 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}
2002/4223	. . . . .	{Implants for correcting a flat foot}	2/4465	. . . . .	{having a circular or kidney shaped cross-section substantially perpendicular to the axis of the spine}
2/4225	. . . . .	{for feet, e.g. toes}	2/447	. . . . .	{substantially parallelepipedal, e.g. having a rectangular or trapezoidal cross-section}
2002/4228	. . . . .	{for interphalangeal joints, i.e. IP joints}	2002/4475	. . . . .	{hollow}
2002/423	. . . . .	{for big or great 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}
2002/4233	. . . . .	{for metatarso-phalangeal joints, i.e. MTP joints}	2002/4485	. . . . .	{comprising three or more adjacent spinal implants}
2002/4235	. . . . .	{for big or great toes}	2002/449	. . . . .	{comprising multiple spinal implants located in different intervertebral spaces or in different vertebrae}
2002/4238	. . . . .	{for tarso-metatarsal joints, i.e. TMT joints}	2002/4495	. . . . .	{having a fabric structure, e.g. made from wires or fibres}
2/4241	. . . . .	{for hands, e.g. fingers}	2/46	. . . . .	Special tools or methods for implanting or extracting artificial joints, accessories, bone grafts or substitutes, or particular adaptations therefor
2002/4243	. . . . .	{for interphalangeal joints, i.e. IP 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> )}
2002/4246	. . . . .	{for distal interphalangeal joints, i.e. DIP joints}	2002/4602	. . . . .	{for compacting}
2002/4248	. . . . .	{for proximal interphalangeal joints, i.e. PIP joints}	2/4603	. . . . .	{for insertion or extraction of endoprosthetic joints or of accessories thereof}
2002/4251	. . . . .	{for metacarpo-phalangeal joints, i.e. MCP or MP joints, e.g. knuckle joints}	2/4605	. . . . .	{of elbows}
2002/4253	. . . . .	{for thumbs}	2/4606	. . . . .	{of wrists or ankles; of hands, e.g. fingers; of feet, e.g. toes}
2002/4256	. . . . .	{for carpo-metacarpal joints, i.e. CMC joints}	2/4607	. . . . .	{of hip femoral endoprostheses}
2002/4258	. . . . .	{for trapezo-metacarpal joints of thumbs}	2/4609	. . . . .	{of acetabular cups}
2/4261	. . . . .	{for wrists}	2/461	. . . . .	{of knees}
2002/4264	. . . . .	{for radio-carpal joints}	2/4611	. . . . .	{of spinal prostheses}
2002/4266	. . . . .	{for ulno-carpal joints}	2/4612	. . . . .	{of shoulders}
2002/4269	. . . . .	{for distal radio-ulnar joints, i.e. DRU joints}	2/4614	. . . . .	{of plugs for sealing a cement-receiving space}
2002/4271	. . . . .	{Carpal bones}	2002/4615	. . . . .	{of spacers}
2002/4274	. . . . .	{Distal carpal row, i.e. bones adjacent the metacarpal bones}	2002/4616	. . . . .	{of temporo-mandibular joints}
2002/4276	. . . . .	{Trapezium}	2/4618	. . . . .	{of cartilage}
2002/4279	. . . . .	{Trapezoid}	2002/4619	. . . . .	{for extraction}
2002/4282	. . . . .	{Capitate}	2002/462	. . . . .	{of broken endoprosthetic joint parts}
2002/4284	. . . . .	{Hamate}	2002/4622	. . . . .	{having the shape of a forceps or a clamp}
2002/4287	. . . . .	{Proximal carpal row, i.e. bones adjacent the radius and the ulna}	2002/4623	. . . . .	{having a handle portion, e.g. integral with the implanting tool}
2002/4289	. . . . .	{Scaphoid or navicular bone}	2002/4624	. . . . .	{releasable from the implanting tool}
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 ( <a href="#">devices implanted between spinous or transverse processes A61B 17/7062</a> )}			
2/441	. . . . .	{made of inflatable pockets or chambers filled with fluid, e.g. with hydrogel}			
2002/4415	. . . . .	{elements of the prosthesis being arranged in a chain like manner}			
2/442	. . . . .	{Intervertebral or spinal discs, e.g. resilient ( <a href="#">non-disc-shaped intervertebral inflatable pockets A61F 2/441</a> ; <a href="#">non-disc-shaped intervertebral fusion implants A61F 2/4455</a> )}			
2/4425	. . . . .	{made of articulated components}			



2002/4625	. . . . .	{with relative movement between parts of the instrument during use}	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> )}
2002/4627	. . . . .	{with linear motion along or rotating motion about the instrument axis or the implantation direction, e.g. telescopic, along a guiding rod, screwing inside the instrument}	2002/4676	. . . . .	{for coating the bony surface}
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}	2002/4677	. . . . .	{using a guide wire}
2002/4629	. . . . .	{connected to the endoprosthesis or implant via a threaded connection}	2002/4679	. . . . .	{having quick release means}
2002/4631	. . . . .	{the prosthesis being specially adapted for being cemented}	2/468	. . . . .	{Testing instruments for artificial joints (for testing non-implantable prostheses <a href="#">A61F 2/76</a> )}
2002/4632	. . . . .	{using computer-controlled surgery, e.g. robotic surgery}	2002/4681	. . . . .	{by applying mechanical shocks, e.g. by hammering}
2002/4633	. . . . .	{for selection of endoprosthetic joints or for pre-operative planning}	2002/4683	. . . . .	{by applying ultrasonic vibrations}
2002/4635	. . . . .	{using minimally invasive surgery}	2/4684	. . . . .	{Trial or dummy prostheses}
2002/4636	. . . . .	{through the hip femoral neck}	2002/4685	. . . . .	{by means of vacuum}
2/4637	. . . . .	{for connecting or disconnecting two parts of a prosthesis}	2002/4687	. . . . .	{Mechanical guides for implantation instruments}
2002/4638	. . . . .	{Tools for performing screwing, e.g. nut or screwdrivers, or particular adaptations therefor}	2002/4688	. . . . .	{having operating or control means}
2002/464	. . . . .	{of end caps for closing a prosthetic cavity}	2002/4689	. . . . .	{acoustic}
2002/4641	. . . . .	{for disconnecting}	2002/469	. . . . .	{electrical}
2002/4642	. . . . .	{for inserting or connecting a locking mechanism}	2002/4692	. . . . .	{fluid}
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> )}	2002/4693	. . . . .	{hydraulic}
2002/4645	. . . . .	{Devices for grinding or milling bone material}	2002/4694	. . . . .	{pneumatic}
2002/4646	. . . . .	{Devices for cleaning bone graft}	2002/4696	. . . . .	{optical}
2002/4648	. . . . .	{Means for culturing bone graft}	2002/4697	. . . . .	{visual}
2002/4649	. . . . .	{Bone graft or bone dowel harvest sites}	2002/4698	. . . . .	{magnetic}
2002/465	. . . . .	{using heating means}	2002/48	. . . . .	{Operating or control means}
2002/4651	. . . . .	{Electric or electromagnetic heating}	2002/481	. . . . .	{acoustic or audible}
2002/4653	. . . . .	{using cooling means}	2002/482	. . . . .	{electrical}
2002/4654	. . . . .	{Cryogenic cooling}	2002/484	. . . . .	{fluid}
2002/4655	. . . . .	{for introducing lubricating fluid}	2002/485	. . . . .	{hydraulic}
2/4657	. . . . .	{Measuring instruments used for implanting artificial joints (for surgical instruments <a href="#">A61B 90/06</a> )}	2002/487	. . . . .	{pneumatic}
2002/4658	. . . . .	{for measuring dimensions, e.g. length}	2002/488	. . . . .	{Means for detecting or monitoring wear}
2002/4659	. . . . .	{for measuring a diameter}	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> )}
2002/4661	. . . . .	{for measuring thickness}	2002/5001	. . . . .	{Cosmetic coverings}
2002/4662	. . . . .	{for measuring penetration depth}	2002/5003	. . . . .	{having damping means, e.g. shock absorbers (for implantable joints <a href="#">A61F 2002/30563</a> )}
2002/4663	. . . . .	{for measuring volumes or other three-dimensional shapes}	2002/5004	. . . . .	{operated by electro- or magnetorheological fluids}
2002/4664	. . . . .	{for measuring conicities}	2002/5006	. . . . .	{Dampers, e.g. hydraulic damper}
2002/4666	. . . . .	{for measuring force, pressure or mechanical tension}	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> )}
2002/4667	. . . . .	{for measuring torque}	2002/5009	. . . . .	{having two or more elastomeric blocks}
2002/4668	. . . . .	{for measuring angles}	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> )}
2002/467	. . . . .	{for measuring fluid pressure}	2002/5012	. . . . .	{having two or more inflatable pockets}
2002/4671	. . . . .	{for measuring resonant frequency}	2002/5013	. . . . .	{filled with particles (for joints <a href="#">A61F 2002/30588</a> )}
2002/4672	. . . . .	{for measuring temperature}	2002/5015	. . . . .	{hardenable fluid, e.g. curable in-situ or cold-hardening casting substance}
2002/4674	. . . . .	{for measuring the pH}	2002/5016	. . . . .	{adjustable (for implantable prostheses <a href="#">A61F 2002/30537</a> )}
			2002/5018	. . . . .	{for adjusting angular orientation}
			2002/502	. . . . .	{for adjusting length (for implantable joints <a href="#">A61F 2002/3055</a> )}

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, A61F 2/602, A61F 2/7843; 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}
2002/5066	. . {Muscles ( <a href="#">implantable A61F 2002/0894</a> )}	2/60	. . Artificial legs or feet or parts thereof
2002/5067	. . {having rolling elements between articulating surfaces ( <a href="#">for implantable joints A61F 2002/30639</a> )}	2/601	. . . {Peg legs, e.g. wooden legs}
2002/5069	. . . {Ball bearings}	2/602	. . . {with air cushions ( <a href="#">A61F 2/7843</a> takes precedence)}
2002/507	. . . {Roller bearings}	2/604	. . . {Joints for artificial legs ( <a href="#">A61F 2/605, A61F 2/64, A61F 2/6607</a> take precedence)}
2002/5072	. . {having spring elements ( <a href="#">spring-biased locking means A61F 2002/30505; for implantable joints A61F 2002/30565; other elastic means A61F 2002/5007</a> )}	2/605	. . . {Hip joints}
2002/5073	. . . {Helical springs, e.g. having at least one helical spring}	2002/607	. . . {Lower legs}
2002/5075	. . . . {Multiple spring systems including two or more helical springs}	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}	2002/764	. . . . .	{for measuring acceleration}
2002/665	. . . . .	{Soles}	2002/7645	. . . . .	{for measuring torque, e.g. hinge or turning moment, moment of force}
2002/6657	. . . . .	{having a plate-like or strip-like spring element, e.g. an energy-storing cantilever spring keel}	2002/765	. . . . .	{for measuring time or frequency}
2002/6664	. . . . .	{Dual structures made of two connected cantilevered leaf springs}	2002/7655	. . . . .	{for measuring fluid pressure}
2002/6671	. . . . .	{C-shaped}	2002/766	. . . . .	{for measuring moisture}
2002/6678	. . . . .	{L-shaped}	2002/7665	. . . . .	{for measuring temperatures}
2002/6685	. . . . .	{S-shaped}	2002/767	. . . . .	{for measuring blood pressure}
2002/6692	. . . . .	{circular or loop-shaped}	2002/7675	. . . . .	{for measuring oxygen content}
2/68	. .	Operating or control means	2002/768	. . . . .	{for measuring battery status}
2002/6809	. . .	{acoustic}	2002/7685	. . . . .	{located on natural or sound-site limbs, e.g. comparison measuring means}
2002/6818	. . .	{for braking}	2002/769	. . . . .	{Displaying measured values}
2002/6827	. . .	{Feedback system for providing user sensation, e.g. by force, contact or position}	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> )}
2002/6836	. . .	{Gears specially adapted therefor, e.g. reduction gears}	2/78	. .	Means for protecting prostheses or for attaching them to the body, e.g. bandages, harnesses, straps, or stockings for the limb stump
2002/6845	. . .	{Clutches}	2002/7806	. . .	{using adhesive means (for connecting prosthetic parts <a href="#">A61F 2002/30448</a> )}
2002/6854	. . .	{for locking or unlocking a joint}	2/7812	. . .	{Interface cushioning members placed between the limb stump and the socket, e.g. bandages or stockings for the limb stump}
2002/6863	. . .	{magnetic (magnetic prosthetic parts <a href="#">A61F 2002/30079</a> )}	2002/7818	. . . . .	{Stockings or socks for the limb stump (cosmetic coverings <a href="#">A61F 2/0059</a> )}
2002/6872	. . .	{attached and mechanically operated by remaining muscle (bioelectrical control <a href="#">A61F 2/72</a> )}	2002/7825	. . . . .	{Devices for putting-on or pulling-off stockings}
2002/6881	. . .	{optical}	2002/7831	. . . . .	{with a rope for pulling the sock inside the socket}
2002/689	. . .	{Alarm means, e.g. acoustic}	2002/7837	. . . . .	{Sleeves for attaching or protecting, i.e. open ended hoses}
2/70	. . .	electrical {(not used, see <a href="#">A61F 2/68</a> and <a href="#">A61F 2/72</a> )}	2/7843	. . . . .	{Inflatable bladders}
2002/701	. . . . .	{operated by electrically controlled means, e.g. solenoids or torque motors}	2002/785	. . . . .	{Pads, e.g. relief pads}
2002/702	. . . . .	{Battery-charging stations}	2002/7856	. . . . .	{having finger loops or grips}
2002/704	. . . . .	{computer-controlled, e.g. robotic control}	2002/7862	. . . . .	{Harnesses, straps (for connecting prosthetic parts <a href="#">A61F 2002/30464</a> )}
2002/705	. . . . .	{Electromagnetic data transfer (for implantable prostheses <a href="#">A61F 2250/0002</a> )}	2002/7868	. . . . .	{Means for putting-on or pulling-off prostheses}
2002/707	. . . . .	{Remote control}	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> )}
2002/708	. . . . .	{electrically self charging}	2002/7881	. . . . .	{using hook and loop-type fasteners (for connecting prosthetic parts <a href="#">A61F 2002/30467</a> )}
2/72	. . . . .	Bioelectrical control, e.g. myoelectric	2002/7887	. . . . .	{for connecting limb exoprostheses to the stump bone}
2002/74	. . . . .	{fluid, i.e. hydraulic or pneumatic (inflatable pocket filled with fluid <a href="#">A61F 2002/501</a> )}	2002/7893	. . . . .	{using slide fasteners, e.g. zippers}
2002/741	. . . . .	{using powered actuators, e.g. stepper motors or solenoids}	2/80	. . . . .	Sockets, e.g. of suction type
2002/742	. . . . .	{Low pressure systems, e.g. vacuum pump}	2002/802	. . . . .	{Suction sockets, i.e. utilizing differential air pressure to retain the prosthesis on the stump}
2002/744	. . . . .	{Vane- or curved-cylinder type actuators, e.g. actuators using rotary pistons}	2002/805	. . . . .	{having an air valve}
2002/745	. . . . .	{hydraulic}	2002/807	. . . . .	{having a vacuum reservoir chamber}
2002/747	. . . . .	{pneumatic}	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> )
2002/748	. . . . .	{Valve systems}	2002/821	. .	{Ostial stents}
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}			

2002/823	. . {Stents, different from stent-grafts, adapted to cover an aneurysm}	2/95	. Instruments specially adapted for placement or removal of stents or stent-grafts
2002/825	. . {having longitudinal struts}	2002/9505	. . {having retaining means other than an outer sleeve, e.g. male-female connector between stent and instrument}
2002/826	. . {more than one stent being applied sequentially}	2002/9511	. . . {the retaining means being filaments or wires}
2002/828	. . {Means for connecting a plurality of stents allowing flexibility of the whole structure}	2002/9517	. . {handle assemblies therefor}
2/844	. . folded prior to deployment	2002/9522	. . {Means for mounting a stent onto the placement instrument}
2/848	. . having means for fixation to the vessel wall, e.g. barbs	2002/9528	. . {for retrieval of stents}
2002/8483	. . . {Barbs}	2002/9534	. . {for repositioning of stents}
2002/8486	. . . {provided on at least one of the ends}	2/954	. . for placing stents or stent-grafts in a bifurcation
2/852	. . Two or more distinct overlapping stents	2/958	. . Inflatable balloons for placing stents or stent-grafts
2/856	. . Single tubular stent with a side portal passage	2002/9583	. . . {Means for holding the stent on the balloon, e.g. using protrusions, adhesives or an outer sleeve}
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	2002/9586	. . . . {the means being inside the balloon}
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> )	2/962	. . having an outer sleeve
2/885	. . . . {comprising a coil including a plurality of spiral or helical sections with alternate directions around a central axis}	2/966	. . . with relative longitudinal movement between outer sleeve and prosthesis, e.g. using a push rod
2/89	. . . the wire-like elements comprising two or more adjacent rings flexibly connected by separate members	2002/9665	. . . . {with additional retaining means}
2/90	. . . characterised by a net-like or mesh-like structure	2/97	. . . the outer sleeve being splittable
2/91	. . . . made from perforated sheet material or tubes, e.g. perforated by laser cuts or etched holes	<b>3/00</b>	<b>Lengthening pieces for natural legs</b>
2/915	. . . . . with bands having a meander structure, adjacent bands being connected to each other	<b>4/00</b>	<b>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>})</b>
2002/91508	. . . . . {the meander having a difference in amplitude along the band}		
2002/91516	. . . . . {the meander having a change in frequency along the band}	<b>5/00</b>	<b>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>)</b>
2002/91525	. . . . . {within the whole structure different bands showing different meander characteristics, e.g. frequency or amplitude}	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> )}
2002/91533	. . . . . {characterised by the phase between adjacent bands}	5/0006	. . {Diet or mouth appliances}
2002/91541	. . . . . {Adjacent bands are arranged out of phase}	5/0009	. . {External belts}
2002/9155	. . . . . {Adjacent bands being connected to each other}	5/0013	. . {Implantable devices or invasive measures}
2002/91558	. . . . . {connected peak to peak}	2005/0016	. . . {comprising measuring means}
2002/91566	. . . . . {connected trough to trough}	2005/002	. . . . {for sensing mechanical parameters}
2002/91575	. . . . . {connected peak to trough}	2005/0023	. . . . {for sensing chemical parameters}
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}	5/0026	. . . {Anti-eating devices using electrical stimulation}
2002/91591	. . . . . {Locking connectors, e.g. using male-female connections}	5/003	. . . {inflatable}
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}	5/0033	. . . . {with more than one chamber}
2/93	. . . circumferentially expandable by using ratcheting locks	5/0036	. . . {Intragastrical devices}
2/94	. . Stents retaining their form, i.e. not being deformable, after placement in the predetermined place	5/004	. . . . {remotely adjustable}
2/945	. . . hardenable, e.g. stents formed <u>in situ</u>	5/0043	. . . . . {using injection ports}
		5/0046	. . . . . {with wireless means}
		5/005	. . . {Gastric bands}
		5/0053	. . . . {remotely adjustable}
		5/0056	. . . . . {using injection ports}
		5/0059	. . . . . {with wireless means}
		5/0063	. . . . {wrapping the stomach}



5/0066	. . . . {Closing devices for gastric bands}	2005/0186	. . . . {Thumb protectors}
5/0069	. . . {in the wall of the stomach}	2005/0188	. . . {having pressure sensors}
5/0073	. . . {in the abdominal cavity, e.g. not attached to the stomach}	5/019	. . {Toe correcting or spreading devices}
5/0076	. . . {preventing normal digestion, e.g. Bariatric or gastric sleeves}	5/0193	. . {Apparatus specially adapted for treating hip dislocation; Abduction splints}
5/0079	. . . . {Pyloric or esophageal obstructions}	5/0195	. . {Shoe-like orthopaedic devices for protecting the feet against injuries after operations}
5/0083	. . . {Reducing the size of the stomach, e.g. gastropasty ( <a href="#">surgical interventions A61B 17/00</a> )}	2005/0197	. . {with spring means}
5/0086	. . . . {using clamps, folding means or the like}	5/02	. . Orthopaedic corsets ( <a href="#">arm-rests for use as writing aids B43L 15/00</a> )
5/0089	. . {Instruments for placement or removal}	5/022	. . . {consisting of one or more shells}
5/0093	. {Rectal devices, e.g. for the treatment of haemorrhoids}	5/024	. . . {having pressure pads connected in a frame for reduction or correction of the curvature of the spine}
5/0096	. {Anti-rape devices}	5/026	. . . {Back straightening devices with shoulder braces to force back the shoulder to obtain a correct curvature of the spine ( <a href="#">for clavicle fractures A61F 5/05808</a> ; <a href="#">restraining devices A61F 5/37</a> )}
5/01	. Orthopaedic devices, e.g. splints, casts or braces	5/028	. . . {Braces for providing support to the lower back, e.g. lumbo sacral supports}
5/0102	. . {specially adapted for correcting deformities of the limbs or for supporting them; Ortheses, e.g. with articulations}	5/03	. . Corsets or bandages for abdomen, teat or breast support, with or without pads ( <a href="#">trusses A61F 5/24</a> , <a href="#">pressure-pads A61F 5/30</a> ); <a href="#">brassieres A41C 3/00</a> )
5/0104	. . . {without articulation}	<b>NOTE</b>	
5/0106	. . . . {for the knees}	Bandages for support of breasts or abdomen are classified in group <a href="#">A61F 13/14</a>	
5/0109	. . . . . {Sleeve-like structures}	5/04	. . Devices for stretching or reducing fractured limbs; Devices for distractions; Splints ( <a href="#">plaster of Paris bandages A61F 13/04</a> ; <a href="#">with surgery A61B 17/60</a> )
5/0111	. . . . . {for the feet or ankles}	5/042	. . . for extension or stretching
5/0113	. . . . . {Drop-foot appliances}	5/048	. . . . Traction splints
5/0116	. . . . . {for connecting the feet to each other or to fixed surroundings ( <a href="#">A61F 5/0193 takes precedence</a> )}	5/05	. . . for immobilising ( <a href="#">A61F 5/0102 takes precedence</a> )
5/0118	. . . . . {for the arms, hands or fingers}	5/055	. . . . Cervical collars
5/012	. . . {inflatable}	5/058	. . . . Splints
5/0123	. . . {for the knees ( <a href="#">A61F 5/0106 takes precedence</a> )}	5/05808	. . . . . {Splints for clavicle fractures}
5/0125	. . . . {the device articulating around a single pivot-point}	5/05816	. . . . . {Inflatable splints}
5/0127	. . . {for the feet ( <a href="#">A61F 5/0111 takes precedence</a> )}	5/05825	. . . . . {Strips of substantially planar form}
5/013	. . . {for the arms, hands or fingers ( <a href="#">A61F 5/0118 takes precedence</a> )}	5/05833	. . . . . {Splints rigidified by vacuum evacuation}
2005/0132	. . . {Additional features of the articulation}	5/05841	. . . . . {for the limbs ( <a href="#">A61F 5/05816</a> , <a href="#">A61F 5/05833 take precedence</a> )}
2005/0134	. . . . {with two orthogonal pivots}	5/0585	. . . . . {for the legs ( <a href="#">toe correcting devices A61F 5/019</a> )}
2005/0137	. . . . {with two parallel pivots}	5/05858	. . . . . {for the arms ( <a href="#">restraining devices, e.g. slings A61F 5/37</a> )}
2005/0139	. . . . . {geared}	5/05866	. . . . . . {for wrists, hands, fingers or thumbs}
2005/0141	. . . . {with more than two parallel pivots}	5/05875	. . . . . . {for fingers}
2005/0144	. . . . {Multibar}	5/05883	. . . . . {for the neck or head ( <a href="#">A61F 5/05816</a> , <a href="#">A61F 5/05833 take precedence</a> ; <a href="#">cervical supports A61F 5/055</a> )}
2005/0146	. . . . {combining rotational and sliding movements, e.g. simulating movements of a natural joint}	5/05891	. . . . . {for the head, e.g. jaws, nose ( <a href="#">nose correcting A61F 5/08</a> )}
2005/0148	. . . . . {Floating pivotal axis}	5/08	. . Devices for correcting deformities of the nose; {Devices for enlarging the nostril, e.g. for breathing improvement}
2005/0151	. . . . {combining rotational and torsional movements}	5/10	. . Devices for correcting deformities of the fingers
2005/0153	. . . . {combining rotational and stretching movements}	5/11	. . Devices for correcting deformities of the nails
2005/0155	. . . . {with actuating means}		
2005/0158	. . . . {with locking means}		
2005/016	. . . . . {in standing position}		
2005/0162	. . . . . {when weight is applied}		
2005/0165	. . . . {with limits of movement}		
2005/0167	. . . . . {adjustable}		
2005/0169	. . . . {with damping means}		
2005/0172	. . . . {with cushions}		
2005/0174	. . . . . {laterally placed}		
2005/0176	. . . . . {supporting the patella}		
2005/0179	. . . . {with spring means}		
2005/0181	. . . {Protectors for articulations}		
2005/0183	. . . . {Hip protectors, e.g. for elderly people}		

- 5/14 . . . Special medical insertions for shoes for flat-foot, club-foot, 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}	2007/0026	. . . {Middle part of back}
6/06	. for use by females ( <a href="#">A61F 6/20</a> takes precedence)	2007/0027	. . . {Lower part of back}
6/065	. . {Condom-like devices worn by females}	2007/0028	. . . {Rectum}
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}	2007/0029	. . {Arm or parts thereof}
6/12	. . . Inserters or removers	2007/003	. . . {Shoulder}
6/14	. . intra-uterine type	2007/0031	. . . {Upper arm}
6/142	. . . {Wirelike structures, e.g. loops, rings, spirals}	2007/0032	. . . {Elbow}
6/144	. . . . {with T-configuration}	2007/0034	. . . {Lower arm}
6/146	. . . {Occluders for the cervical canal (occluding by internal devices <a href="#">A61B 17/12022</a> ; dilators <a href="#">A61M 29/00</a> )}	2007/0035	. . . {Wrist}
6/148	. . . {with sheet-like structure}	2007/0036	. . . {Hand}
6/16	. . . inflatable	2007/0037	. . . {Finger}
6/18	. . . Inserters or removers; {Apparatus for loading an intra-uterine device into an insertion tube}	2007/0038	. . . {Thumb}
6/20	. Vas deferens occluders; Fallopian occluders	2007/0039	. . {Leg or parts thereof}
6/202	. . {Means specially adapted for ligaturing, compressing or clamping of oviduct or vas deferens (of tubular organs in general <a href="#">A61B 17/12</a> )}	2007/004	. . . {Hip}
6/204	. . . {Clamp applying devices}	2007/0041	. . . {Upper leg}
6/206	. . {Clamps (ligaturing clamps or clips <a href="#">A61B 17/122</a> )}	2007/0042	. . . {Knee}
6/208	. . {Implements for ligaturing}	2007/0043	. . . {Lower leg, calf}
6/22	. . implantable in tubes {(occluding by internal devices <a href="#">A61B 17/12022</a> )}	2007/0044	. . . {Ankle}
6/225	. . . {transcervical}	2007/0045	. . . {Foot}
6/24	. . . characterised by valve means	2007/0046	. . . {Toe}
<b>7/00</b>	<b>Heating or cooling appliances for medical or therapeutic treatment of the human body (heating or cooling means in connection with bedsteads or mattresses <a href="#">A47C 21/00</a>; {massage, therapeutic baths <a href="#">A61H</a>}; hyperthermia using electric or magnetic fields or ultrasound <a href="#">A61N</a>; electric heating elements <a href="#">H05B</a>)</b>	2007/0047	. . . {Sole}
2007/0001	. {Body part}	2007/0048	. . {Genitals}
2007/0002	. . {Head or parts thereof}	2007/005	. . . {female}
2007/0003	. . . {Face}	2007/0051	. . {Stumps after amputation}
2007/0004	. . . {Eyes or part of the face surrounding the eyes}	2007/0052	. . {for treatment of skin or hair}
2007/0005	. . . {Ears}	7/0053	. {Cabins, rooms, chairs or units for treatment with a hot or cold circulating fluid}
2007/0006	. . . {Nose}	2007/0054	. {with a closed fluid circuit, e.g. hot water}
2007/0007	. . . {Forehead, e.g. headbands}	2007/0055	. . {of gas, e.g. hot air or steam}
2007/0008	. . . {Scalp}	2007/0056	. . {for cooling}
2007/0009	. . . {Throat or neck}	2007/0057	. . . {of gas, e.g. air or carbon dioxide}
2007/001	. . . . {Throat only}	2007/0058	. . . {evaporating on or near the spot to be cooled}
2007/0011	. . . . {Neck only}	2007/0059	. {with an open fluid circuit}
2007/0012	. . . . . {with means for support of the head}	2007/006	. . {of gas}
2007/0013	. . . {Jaw}	2007/0061	. . . {Using breath}
2007/0014	. . . {Chin}	2007/0062	. . . {the gas being steam or water vapour}
2007/0015	. . . {Cheeks}	2007/0063	. . {for cooling}
2007/0017	. . . {Mouth}	2007/0064	. . . {of gas}
2007/0018	. . {Trunk or parts thereof}	2007/0065	. . . . {Causing evaporation}
2007/0019	. . . {Breast}	2007/0067	. . . . . {of sweat}
2007/002	. . . . {Heart}	2007/0068	. . . {evaporating on the spot to be cooled}
2007/0021	. . . {Female breast}	2007/0069	. . {with return means}
2007/0022	. . . {Abdomen}	7/007	. {characterised by electric heating}
2007/0023	. . . {Waist}	2007/0071	. . {using a resistor, e.g. near the spot to be heated}
2007/0024	. . . {Back}	2007/0072	. . . {remote from the spot to be heated}
2007/0025	. . . {Higher part of back}	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. ( <a href="#">A61F 2007/0078</a> 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 Method 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 eye-ball and coupling in laser light, {e.g. gonioscopes ([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 {(walking or guiding aids for blinds [A61H 3/06](#); teaching or communicating with blinds [G09B 21/00](#) promoting of eye function by stimulation with electric currents using contact electrodes [A61N 1/36046](#))}
- 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. cures (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 1/36032](#))}
- 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 (absorbent structures with superabsorbent materials, e.g. SAM [K61F13/15D7](#))}
- 2013/00234 . . . {metallic layer (metallic underlayers [K61F13/15E2](#))}
- 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 (air permeability of absorbent structures [K61F13/15D10T](#); underlayers impervious to fluids but not for air or vapours [K61F13/15E1A](#); fibrous underlayers impervious to fluids end open for air [K61F13/15E3A](#))}
- 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}	2013/00548	. . . . {net (wound bandages with net structure <a href="#">A61F 2013/00097</a> )}
2013/00412	. . . . {for use with needles, tubes or catheters}	2013/00553	. . . . {with detachable parts}
2013/00417	. . . . {pierced by needle}	2013/00557	. . . . {detachable absorbent pad}
2013/00421	. . . . {with double adhesive layer (with cyano-acrylic adhesive <a href="#">A61F 2013/00459</a> ; with adhesive connecting means <a href="#">A61F 2013/00561</a> ; adhesives for plasters <a href="#">A61F 2013/00655</a> ; with absorbent adhesives <a href="#">A61F 2013/00757</a> ; with permeable adhesive layers <a href="#">A61F 2013/00761</a> ; different adhesion of different adhesive layers <a href="#">A61F 2013/00804</a> ; changing the adhesion force with strain value <a href="#">A61F 2013/00838</a> )}	2013/00561	. . . . {with adhesive connecting means (plasters with a double adhesive layer <a href="#">A61F 2013/00421</a> ; with cyano-acrylic adhesive <a href="#">A61F 2013/00459</a> ; adhesives for plasters <a href="#">A61F 2013/00655</a> ; with absorbent adhesives <a href="#">A61F 2013/00757</a> ; with permeable adhesive layers <a href="#">A61F 2013/00761</a> ; different adhesion of different adhesive layers <a href="#">A61F 2013/00804</a> ; changing the adhesion force with strain value <a href="#">A61F 2013/00838</a> )}
2013/00425	. . . . {for removing of external skin layer, e.g. prepping}	2013/00565	. . . . {with hook and loop-type fastener connecting means}
2013/00429	. . . . {for conducting tests}	2013/0057	. . . . {with openable cover}
2013/00434	. . . . {Epicutaneous test}	2013/00574	. . . . {shaped as a body part ( <a href="#">A61F 2013/00187</a> take precedence; use of plasters <a href="#">A61F 2013/00365</a> ; containing means for different purposes <a href="#">A61F 2013/00902</a> )}
2013/00438	. . . . {blood tests}	2013/00578	. . . . {conformable; soft or flexible, e.g. elastomeric}
2013/00442	. . . . {using electrodes}	2013/00582	. . . . {Properties of backing}
2013/00446	. . . . {for oriental medicine}	2013/00587	. . . . {Thickness}
2013/00451	. . . . {for surgical sutures, e.g. butterfly type}	2013/00591	. . . . {breaking stress or force}
2013/00455	. . . . {for protection of suture stitches (protection of the body or articulation <a href="#">A61F 2013/00272</a> ; safety barrier for protection of the operator <a href="#">A61F 2013/00297</a> ; skin protection <a href="#">A61F 2013/00387</a> ; protection of wound surround <a href="#">A61F 2013/00825</a> )}	2013/00595	. . . . {breaking strain or extension}
2013/00459	. . . . {with cyano-acrylic adhesive (adhesives for mucosae <a href="#">A61F 2013/00714</a> or for use on wounds <a href="#">A61F 2013/00719</a> )}	2013/006	. . . . {Elastic modulus}
2013/00463	. . . . {haemostatic}	2013/00604	. . . . {Multilayer}
2013/00468	. . . . {applying local pressure}	2013/00608	. . . . {with reinforcing layers}
2013/00472	. . . . {with chemical means}	2013/00612	. . . . {with different thickness}
2013/00476	. . . . {for nose}	2013/00617	. . . . {with different hardness}
2013/0048	. . . . {for toes (for red nails, in-grown nails or felons <a href="#">A61F 2013/00353</a> )}	2013/00621	. . . . {cast}
2013/00485	. . . . {treating of athlete's foot}	2013/00625	. . . . {in situ}
2013/00489	. . . . {for bracing or strapping}	2013/00629	. . . . {on a model}
2013/00493	. . . . {torso}	2013/00634	. . . . {foam}
2013/00497	. . . . {eye patch}	2013/00638	. . . . {Gel}
2013/00502	. . . . {for eyelids}	2013/00642	. . . . {soluble, e.g. in water}
2013/00506	. . . . {for treating warts}	2013/00646	. . . . {Medication patches, e.g. transcutaneous}
2013/0051	. . . . {for treating insect bite}	2013/00651	. . . . {tapered, bevelled or chamfered}
2013/00514	. . . . {ticks}	2013/00655	. . . . {adhesive (wound bandages with alginate <a href="#">A61F 2013/00229</a> ; plasters with a double adhesive layer <a href="#">A61F 2013/00421</a> ; with cyano-acrylic adhesive <a href="#">A61F 2013/00459</a> ; plasters for treating burn with hydrogel <a href="#">A61F 2013/00523</a> ; with adhesive connecting means <a href="#">A61F 2013/00561</a> ; adhesive for plasters, with hydrogel <a href="#">A61F 2013/00676</a> ; for use on mucosae <a href="#">A61F 2013/00714</a> ; for use on wounds <a href="#">A61F 2013/00719</a> ; wound humidity control with hydrocolloids or superabsorbers <a href="#">A61F 2013/00748</a> ; with absorbent adhesives <a href="#">A61F 2013/00757</a> ; with fumed silica <a href="#">A61F 2013/00787</a> ; with viscoelastic oil-elastomer gel <a href="#">A61F 2013/00893</a> )}
2013/00519	. . . . {for treating burn (bandages for burns or skin transplants <a href="#">A61F 2013/00157</a> )}	2013/00659	. . . . {polymeric base}
2013/00523	. . . . {with hydrogel (wound bandages with alginate <a href="#">A61F 2013/00229</a> ; adhesive for plasters; with hydrogel <a href="#">A61F 2013/00676</a> ; water-based <a href="#">A61F 2013/00689</a> ; for use on mucosae <a href="#">A61F 2013/00714</a> ; for use on wounds <a href="#">A61F 2013/00719</a> ; wound humidity control with hydrocolloids or superabsorbers <a href="#">A61F 2013/00748</a> ; with absorbent adhesives <a href="#">A61F 2013/00757</a> ; with fumed silica <a href="#">A61F 2013/00787</a> ; with viscoelastic oil-elastomer gel <a href="#">A61F 2013/00893</a> )}	2013/00663	. . . . {acrylic}
2013/00527	. . . . {artificial skin}	2013/00668	. . . . {Ether}
2013/00531	. . . . {for exfoliation (enzymes therefor <a href="#">A61F 2013/00927</a> )}	2013/00672	. . . . {cyano-acrylic}
2013/00536	. . . . {for draining or irrigating wounds}	2013/00676	. . . . {hydrogel}
2013/0054	. . . . {for deep wounds}		
2013/00544	. . . . {form or structure}		



- 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 debriding wounds or others, collagen or growth factors}
- 2013/00931 . . . . {chitin}
- 2013/00936 . . . {metal (wound bandages with a metallic layer [A61F 2013/00234](#))}
- 2013/0094 . . . {for sensing physical parameters (plasters for conducting test [A61F 2013/00429](#))}
- 2013/00944 . . . . {humidity; moisture}
- 2013/00948 . . . . {Ph, e.g. acid}
- 2013/00953 . . . . {temperature}
- 2013/00957 . . . . {pressure}
- 2013/00961 . . . . {electrical conductivity}
- 2013/00965 . . . . {microbiological activity}

- 2013/0097 . . . . {oxygen content}
- 2013/00974 . . . {for writing or drawing, e.g. labels}
- 2013/00978 . . {attachments assembly for prosthesis; pouch, e.g. ostomy}
- 2013/00982 . . {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 ([orthoses A61F 5/0102](#))}
- 13/06 . specially adapted for feet or legs; Corn-pads; Corn-rings
- 13/061 . . {for knees (incorporating non-textile reinforcing elements, e.g. springs or stays, [A61F 5/0111](#); Patella supports)}
- 13/062 . . . {Openable readjustable}
- 13/063 . . {Corn-pads; Corn-rings}
- 13/064 . . {for feet (incorporating non-textile reinforcing elements, e.g. springs or stays [A61F 5/0111](#); corn-pads, corn-rings [A61F 13/063](#))}
- 13/065 . . . {Looped bandages around the forefoot ([A61F 13/068](#) takes precedence)}
- 13/066 . . . {for the ankle}
- 13/067 . . . {for the sole of the foot (rigid shoe insertions for supporting the sole [A61F 5/14](#))}
- 13/068 . . . {for the toes (toe correcting or spreading devices [A61F 5/019](#))}
- 13/069 . . . {Decubitus ulcer bandages}
- 13/08 . Elastic stockings; for contracting aneurisms
- 13/085 . . . {Openable readjustable}
- 13/10 . specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors {(restraining devices for arms [A61F 5/37](#); shoulder bandages [A61F 13/14](#))}
- 13/101 . . {for the elbow, e.g. decubitus ulcer bandages ([A61F 13/107](#) takes precedence)}
- 13/102 . . . {Openable readjustable}
- 13/104 . . {for the hands or fingers ([A61F 13/107](#) takes precedence)}
- 13/105 . . . {for the fingers; Finger-stalls; Nail-protectors (devices for correcting deformities of the nails [A61F 5/11](#))}
- 13/107 . . {for wrist support (incorporating non-textile reinforcing elements, e.g. springs or metal braces [A61F 5/0118](#); Compression devices for tennis elbow (epicondylitis)}
- 13/108 . . . {Openable readjustable}
- 13/12 . specially adapted for the head or neck
- 13/122 . . {specially adapted for the face}
- 13/124 . . . {specially adapted for the eyes}
- 13/126 . . . {specially adapted for the nose}
- 13/128 . . {specially adapted for the neck}

13/14	. specially adapted for the breast or abdomen ( <a href="#">corsets or bandages for support of breast or abdomen A61F 5/03</a> )	2013/15341	. . . . . {to fire or flame}
13/141	. . {Milk breast pads}	2013/15349	. . . . . {with controlled smoke emission}
13/143	. . {Thorax bandages or bandaging garments}	2013/15357	. . . . . {Stiffness, e.g. Taber rigidity}
13/145	. . . {specially adapted for the female anatomy}	2013/15365	. . . . . {Dimensions}
13/146	. . {Shoulder bandages or bandaging garments}	2013/15373	. . . . . {Calliper, i.e. thickness}
13/148	. . {Abdomen bandages or bandaging garments}	2013/15382	. . . . . {Reduced thickness}
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</a> ); Supporting or fastening means therefor; Tampon applicators	2013/1539	. . . . . {being expandable}
		2013/15398	. . . . . {for giving the illusion of a thick absorbent pad}
2013/15008	. . {characterized by the use}	2013/15406	. . . . . {Basis weight}
2013/15016	. . . {for breast; pads for bras}	2013/15414	. . . . . {Bulk thickness}
2013/15024	. . . {for protecting the body against ulcers}	2013/15422	. . . . . {Density}
2013/15032	. . . {as umbilical bandage}	2013/1543	. . . . . {with a density gradient in the horizontal plane}
2013/1504	. . . . {for avoiding contact with umbilical region}	2013/15439	. . . . . {with a density gradient in the vertical plane}
2013/15048	. . . {for protection against contamination, or protection in using body disinfecting wipes}	2013/15447	. . . . . {Fibre dimension, e.g. denier or tex}
2013/15056	. . . . {for the protection for furniture, e.g. car seats, chairs, beds}	2013/15455	. . . . . {Volume-to-fibre surface area ratio}
2013/15065	. . . . {for protecting in contaminated ambience, e.g. NBC or industrial chemicals}	2013/15463	. . . . . {Absorbency}
2013/15073	. . . {as drapes}	2013/15471	. . . . . {Total capacity}
2013/15081	. . . {as prophylaxis}	2013/15479	. . . . . {Drip capacity}
2013/15089	. . . . {as facial prophylaxis}	2013/15487	. . . . . {Capillary properties, e.g. wicking}
2013/15097	. . . . {as genital prophylaxis}	2013/15495	. . . . . {pore dimension}
2013/15105	. . . . {as contraceptive, e.g. condom}	2013/15504	. . . . . {with a porosity gradient in the vertical or horizontal plane}
2013/15113	. . . {for haemorrhoids}	2013/15512	. . . . . {with specific hydrophilicity}
2013/15121	. . . {for mild incontinence}	2013/1552	. . . . . {with specific diffusion velocity}
2013/1513	. . . {for anal discharge}	2013/15528	. . . . . {with specific capillary or osmotic pressure}
2013/15138	. . . . {for flatus, i.e. gas}	2013/15536	. . . . . {with a capillarity gradient in the vertical or horizontal plane}
2013/15146	. . . {for urine collection}	2013/15544	. . . . . {Permeability}
2013/15154	. . . {for hospitalised patients}	2013/15552	. . . . . {Air permeability}
2013/15162	. . . {for jaundice phototherapy, i.e. UV light-permeable or transparent materials}	2013/1556	. . . . . {Water permeability}
2013/1517	. . . {for puerperae, i.e. after childbirth}	2013/15569	. . . . . {Adhesivity}
2013/15178	. . . {for prevention and therapy of hip dysplasia or subluxation}	13/15577	. . {Apparatus or processes for manufacturing}
2013/15186	. . . {for animals}	13/15585	. . . {of babies' napkins, e.g. diapers ( <a href="#">A61F 13/15617 - A61F 13/15804 take precedence</a> )}
2013/15195	. . . {as swimwear}	13/15593	. . . . {having elastic ribbons fixed thereto; Devices for applying the ribbons}
13/15203	. . {Properties of the article, e.g. stiffness or absorbency ( <a href="#">chemical aspects A61L 15/00</a> )}	13/15601	. . . . . {the ribbons being applied transversely to the direction of the movement of the webs the diapers are being made of}
13/15211	. . . {soluble or disintegratable in liquid}	13/15609	. . . . . {the ribbons being applied in an irregular path}
2013/15219	. . . . {by mechanical separation of water resistant parts}	13/15617	. . . {Making absorbent pads from fibres or pulverulent material with or without treatment of the fibres}
2013/15227	. . . . {by its solubility in particular Ph solution}	13/15626	. . . . {Making fibrous pads without outer layers}
2013/15235	. . . . {by its solubility in water}	13/15634	. . . . {Making fibrous pads between sheets or webs}
2013/15243	. . . {printed or coloured, e.g. to match skin}	13/15642	. . . . {by depositing continuous layers or pads of fibrous material on single sheets or webs}
13/15252	. . . {compostable or biodegradable}	13/1565	. . . . {by depositing continuous layers of fibrous material between webs, e.g. wrapping layers of fibrous material}
2013/1526	. . . . {compostable}	13/15658	. . . . {Forming continuous, e.g. composite, fibrous webs, e.g. involving the application of pulverulent material on parts thereof}
13/15268	. . . {reusable ( <a href="#">with separable parts A61F 13/505</a> )}	13/15666	. . . {Wrapping formed fibrous webs or pads, e.g. the pads being formed by uniting pad pieces cut from fibrous webs}
2013/15276	. . . {washable}		
2013/15284	. . . {characterized by quantifiable properties}		
2013/15292	. . . . {Resistance, i.e. modulus or strength}		
2013/153	. . . . . {in dry conditions}		
2013/15308	. . . . . {in wet conditions, i.e. wet strength}		
2013/15317	. . . . . {Wet compressibility, i.e. void volume/gr}		
2013/15325	. . . . . {Stress relaxation or compression recovery}		
2013/15333	. . . . . {to hot, e.g. 90 decC washing procedures}		

13/15674	. . . .	{by wrapping webs or pads between webs moving in their longitudinal direction}	13/20	. .	Tampons, e.g. catamenial tampons; Accessories therefor
13/15682	. . . .	{by folding webs, moving in their longitudinal direction, around webs or pads}	13/2002	. . . .	{characterised by the use}
13/15691	. . . .	{by inserting webs or pads in a tube or a netting, e.g. involving forming of the tube or netting}	13/2005	. . . .	{specially adapted for the nose cavity}
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}	13/2008	. . . .	{specially adapted for the oral cavity}
13/15707	. . .	{Mechanical treatment, e.g. notching, twisting, compressing, shaping}	13/2011	. . . .	{specially adapted for anal cavity}
2013/15715	. . . .	{Shaping or making outer layers}	2013/2014	. . . .	{for endoscopic procedures}
13/15723	. . . .	{Partitioning batts; Cutting}	13/2017	. . . .	{specially adapted for the ear cavity}
13/15731	. . . .	{Treating webs, e.g. for giving them a fibre-like appearance, e.g. by embossing}	13/202	. . . .	{Catamenial tampons ( <a href="#">A61F 13/2022</a> - <a href="#">A61F 13/34</a> take precedence)}
13/15739	. . . .	{Sealing, e.g. involving cutting}	13/2022	. . .	{characterised by the shape}
13/15747	. . . .	{Folding; Pleating; Coiling; Stacking; Packaging}	13/2025	. . . .	{adapted to change of shape once expelled of the applicator}
13/15756	. . .	{Applying tabs, strips, tapes, loops; Knotting the ends of pads}	13/2028	. . . .	{adapted to change of shape after absorption of liquid}
13/15764	. . .	{Transferring, feeding or handling devices; Drives}	13/2031	. . . .	{having depressions or elevations, e.g. dots, lines}
13/15772	. . .	{Control}	13/2034	. . . .	{having grooves or ribs, having a main axis in the longitudinal direction}
2013/1578	. . . .	{via optical means associated to computer coordinator}	13/2037	. . . .	{having grooves or ribs, having a main axis in the radial direction}
2013/15788	. . . .	{of the presence of the article or components}	13/204	. . . .	{having an external member remaining outside the body cavity, e.g. for form fitting or leakage prevention ( <a href="#">withdrawal strings</a> persee <a href="#">A61F 13/34</a> )}
2013/15796	. . . .	{of the alignment or position of article or components}	13/2042	. . . .	{having a central tubular opening}
13/15804	. . .	{Plant, e.g. involving several steps}	13/2045	. . . .	{Cup-shaped type tampons ( <a href="#">non-absorbent catamenial cups</a> <a href="#">A61F 5/4553</a> )}
2013/15813	. . . .	{with modular lines}	13/2048	. . . .	{Ball-shaped tampons}
2013/15821	. . .	{characterized by the apparatus for manufacturing}	13/2051	. . .	{characterised by the material or the structure of the inner absorbing core}
2013/15829	. . . .	{using pressure liquid jet}	13/2054	. . . .	{made by compressing a not-rolled web or pledged}
2013/15837	. . . .	{using solvent}	13/2057	. . . .	{made of foam}
2013/15845	. . . .	{using a specific cam for programming the apparatus}	13/206	. . . .	{Tampons made of rolled-up material}
2013/15853	. . . .	{using a specific computer algorithm for programming the apparatus}	13/2062	. . . .	{Tampons made from folded lengths of material, e.g. of string}
2013/15861	. . . .	{for bonding}	13/2065	. . . .	{Tampons folded from sheets of material ( <a href="#">A61F 13/206</a> takes precedence)}
2013/15869	. . . .	{with ultrasonic energy}	13/2068	. . . .	{Tampons made from several layers ( <a href="#">A61F 13/2065</a> , <a href="#">A61F 13/206</a> take precedence)}
2013/15878	. . . .	{by thermal bonding}	13/2071	. . .	{characterised by the material or the structure of the outer layer}
2013/15886	. . . .	{by spot bonding}	13/2074	. . .	{impregnated with hydrophobic, hydrophilic, skin enhancers, medicinal etc. substances}
2013/15894	. . . .	{by infra-red radiation}	13/2077	. . .	{having a visual effect, e.g. printed or embossed}
2013/15902	. . . .	{with specific parameters, e.g. temperature, pressure}	13/208	. . .	{having means for avoiding leakage, e.g. liquid impermeable withdrawal end ( <a href="#">A61F 13/204</a> takes precedence)}
2013/1591	. . . .	{via adhesive}	13/2082	. . .	{Apparatus or processes of manufacturing}
2013/15918	. . . .	{for die cutting}	13/2085	. . . .	{Catamenial tampons}
2013/15926	. . . .	{for vacuum forming}	13/2088	. . . .	{shaping the tampon by compressing}
2013/15934	. . . .	{for making non-woven}	13/2091	. . . .	{providing grooves on the tampon}
2013/15943	. . . .	{by air-laid technique}	13/2094	. . . .	{rolling a web material to form a tampon}
2013/15951	. . . .	{by wet-laid technique}	13/2097	. . . .	{method of manufacturing tampon applicators}
2013/15959	. . . .	{by spunbond technique}	13/26	. . .	Means for inserting tampons, {i.e. applicators}
2013/15967	. . . .	{by meltblown technique}	13/263	. . . .	{with reduced length before use, e.g. with folding rod}
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}			



- 13/266 . . . . {Insertion devices, e.g. rods or plungers, separate from the tampon}
- 13/28 . . . . with lubricating means
- 13/34 . . . Means for withdrawing tampons {, e.g. withdrawal strings}
- 13/36 . . Surgical swabs, e.g. for absorbency or packing body cavities during surgery ([A61F 13/38](#) takes precedence)
- 13/38 . . Swabs having a stick-type handle, {e.g. cotton tips (ear cleaners other than cotton tips [A61F 11/006](#); swabs containing a liquid, e.g. in a rupturable reservoir, [A61M 35/006](#))}
- 13/385 . . . {Apparatus or processes of manufacturing}
- 13/42 . . with wetness indicator or alarm
- 2013/421 . . . {the alarm being a temperature change}
- 2013/422 . . . {the alarm being a colour change}
- 2013/423 . . . {the alarm being a volume change or a movement of a component}
- 2013/424 . . . {having an electronic device}
- 2013/425 . . . {being also a toilet training aid}
- 2013/426 . . . {Moisture sensitive polymers}
- 2013/427 . . . {pH indicator}
- 2013/428 . . . {for articles with superabsorbent materials}
- 2013/429 . . . {Thermochromic materials, e.g. ink or dye}
- 13/44 . . with radio-opaque material or signalling means for residual material
- 13/45 . . characterised by the shape (cup-shaped type tampons [A61F 13/2045](#))
- 2013/4506 . . . {special configurations using catheter or tube}
- 2013/4512 . . . {folded in special shape during use ([A61F 13/534](#), [A61F 13/551](#), [A61F 13/56](#), [A61F 13/15747](#) take precedence)}
- 2013/4518 . . . . {formed from two separated panels}
- 2013/4525 . . . . {by front and rear joined laterally at the crotch}
- 2013/4531 . . . . {by lateral panels joined at the centreline, i.e. along the longitudinal axis}
- 2013/4537 . . . . {with aeration ducts (with hose-like, tubular sealing barriers [A61F 13/49473](#))}
- 2013/4543 . . . . {with a special transverse section ([A61F 13/534](#) takes precedence)}
- 2013/455 . . . . {having a "W" shape}
- 2013/4556 . . . . {having a "M" shape}
- 2013/4562 . . . . {cup-shaped}
- 2013/4568 . . . . {three-dimensional; with split absorbent core}
- 2013/4575 . . . . {connected by elastic means}
- 2013/4581 . . . . {with absorbent core in separated pieces}
- 2013/4587 . . . {with channels or deep spot depressions on the upper surface ([A61F 13/4704](#) and [A61F 13/49001](#) take precedence)}
- 2013/4593 . . . {allowing introduction of medical instruments without removing the absorbent article}
- 13/47 . . . Sanitary towels, incontinence pads or napkins ([A61F 13/49](#) takes precedence)
- 13/4702 . . . . {having a reinforcing member}
- 13/4704 . . . . {having preferential bending zones, e.g. fold lines or grooves}
- 2013/4706 . . . . {enlarged in the anal area}
- 2013/4708 . . . . {Panty-liner}
- 13/471 . . . . specially adapted for male use
- 13/472 . . . . specially adapted for female use ([A61F 13/474](#), [A61F 13/475](#), [A61F 13/476](#) take precedence)}
- 13/47209 . . . . {having only interlabial part, i.e. with no extralabial parts}
- 13/47218 . . . . . {with a raised crotch region, e.g. hump}
- 13/47227 . . . . . {for interlabial use}
- 13/47236 . . . . . {characterised by an unusual contour}
- 13/47245 . . . . . {with asymmetry around the x or y axis}
- 13/47254 . . . . . {with a tanga shape}
- 13/47263 . . . . . {with activating means, e.g. elastic, heat or chemical activatable means}
- 13/47272 . . . . . {with a longitudinal raised end, e.g. cup-shaped gluteal groove ([for edge leakage prevention \[A61F 13/494\]\(#\)](#))}
- 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}
- 13/4753 . . . . . {the barrier being not integral with the topsheet or backsheet}
- 13/4755 . . . . . {the means being a flat barrier on or inside the absorbent article, e.g. backsheet wrapped around the edges}
- 13/4756 . . . . . {the means consisting of grooves, e.g. channels, depressions or embossments, resulting in a heterogeneous surface level}
- 13/4757 . . . . . {the means being located outside the perimeter of the absorbent core ([A61F 13/4752](#) takes precedence)}
- 13/4758 . . . . . {the means preventing fluid flow in a longitudinal direction}
- 13/476 . . . . characterised by encircling the crotch region of the undergarment
- 13/49 . . . Absorbent articles specially adapted to be worn around the waist, e.g. diapers
- 13/49001 . . . . {having preferential bending zones, e.g. fold lines or grooves}
- 13/49003 . . . . {Reusable, washable fabric diapers}
- 13/49004 . . . . {with fastening means}
- 13/49006 . . . . {the reusable article being in the form of pants or briefs, e.g. slip or panty for light incontinence}
- 13/49007 . . . . {Form-fitting, self-adjusting disposable diapers}
- 13/49009 . . . . . {with elastic means}
- 13/49011 . . . . . {the elastic means is located at the waist region}
- 13/49012 . . . . . {the elastic means being elastic panels}
- 13/49014 . . . . . {the elastic means is located at the side panels}
- 13/49015 . . . . . {the elastic means being elastic panels}
- 13/49017 . . . . . {the elastic means being located at the crotch region}
- 13/49019 . . . . . {the elastic means being placed longitudinally, transversely or diagonally over the article}

13/4902	. . . . .	{characterised by the elastic material}	2013/4908	. . . . .	{concave}
2013/49022	. . . . .	{being elastomeric sheet}	2013/49082	. . . . .	{being a complex shape not covered by the other groups <a href="#">A61F 2013/49068-A61F 2013/4908</a> }
2013/49023	. . . . .	{being textured, e.g. corrugated}	2013/49084	. . . . .	{conformable}
2013/49025	. . . . .	{having multiple elastic strands}	2013/49085	. . . . .	{with a multiplicity of rounded, i.e. spherical elements}
2013/49026	. . . . .	{with variable spacing}	2013/49087	. . . . .	{having breakable lateral stitches or panels}
2013/49028	. . . . .	{with different tensile stress}	2013/49088	. . . . .	{characterized by the leg opening}
2013/4903	. . . . .	{being a net}	2013/4909	. . . . .	{being asymmetric leg openings}
2013/49031	. . . . .	{being elastic in longitudinal direction}	2013/49092	. . . . .	{comprising leg cuffs}
2013/49033	. . . . .	{being elastic in transversal direction}	2013/49093	. . . . .	{having multiple barriers}
2013/49034	. . . . .	{being elastic in both the transversal and longitudinal direction}	2013/49095	. . . . .	{Being formed by lateral sleeves}
2013/49036	. . . . .	{having an inelastic zone by deactivating the elastic property}	2013/49096	. . . . .	{with braces}
2013/49038	. . . . .	{the elastic means is located all around the absorbent article's perimeter}	2013/49098	. . . . .	{Other Details not otherwise provided of the absorbent articles specially adapted to be worn around the waist}
2013/49039	. . . . .	{the elastic means is located around the target zone}	13/491	. . . . .	specially adapted for gender distinct urine discharge pattern
2013/49041	. . . . .	{having a specific location other than covered by groups <a href="#">A61F 13/49011 - A61F 13/49019</a> }	13/4915	. . . . .	{specially adapted for male use}
2013/49042	. . . . .	{with only stretchable part, i.e. part being not elastic but only extensible with not a full recovery of its original length}	13/493	. . . . .	adjustable {by adding or removing material, e.g. umbilical cord arrangements (adjustable by the fastening <a href="#">A61F 13/5638, A61F 13/5655</a> )}
2013/49044	. . . . .	{being stretchable non-elastic panels, ( <a href="#">A61F 13/4902</a> takes precedence)}	13/494	. . . . .	characterised by edge leakage prevention means
2013/49046	. . . . .	{at the crotch}	13/49406	. . . . .	{the edge leakage prevention means being at the crotch region}
2013/49047	. . . . .	{at the ears}	13/49413	. . . . .	{the edge leakage prevention means being an upstanding barrier}
2013/49049	. . . . .	{on the hips}	13/4942	. . . . .	{the barrier not being integral with the top- or back-sheet}
2013/4905	. . . . .	{at the waist}	13/49426	. . . . .	{the barrier having an absorbent medium}
2013/49052	. . . . .	{having a specific direction of stretchability}	2013/49433	. . . . .	{the barrier having variable heights}
2013/49053	. . . . .	{being stretchable in the longitudinal direction or machine direction, i.e. longitudinal}	2013/4944	. . . . .	{having multiple barriers}
2013/49055	. . . . .	{being stretchable in transversal direction or cross machine direction}	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)}
2013/49057	. . . . .	{being stretchable in both longitudinal and transversal direction}	13/49453	. . . . .	{the edge leakage prevention sheet being combined with the impermeable backing sheet, e.g. integral with the backing sheet}
13/49058	. . . . .	{characterised by the modular concept of constructing the diaper}	13/4946	. . . . .	{the edge leakage prevention means being an absorbent medium ( <a href="#">A61F 13/49426</a> takes precedence)}
13/4906	. . . . .	{the diaper having an outer chassis forming the diaper and an independent absorbent structure attached to the chassis}	13/49466	. . . . .	{the edge leakage prevention means being at the waist region}
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}	13/49473	. . . . .	{the edge leakage prevention means having a continuous closed form, e.g. circle, ellipse, rectangle}
2013/49063	. . . . .	{the diaper having decoupled components}	2013/4948	. . . . .	{the edge leakage prevention means being elastic}
2013/49065	. . . . .	{being joined by a transverse line}	2013/49486	. . . . .	{the edge leakage prevention means being padded}
2013/49066	. . . . .	{being joined by an area of low stiffness}	2013/49493	. . . . .	{the edge leakage prevention means being or forming three-dimensional barrier with raised lateral side-or end-wall}
2013/49068	. . . . .	{characterized by the shape of the outline}	13/495	. . . . .	with faecal cavity
2013/49069	. . . . .	{being rectangular, i.e. parallelepiped}	2013/4951	. . . . .	{with internal barriers}
2013/49071	. . . . .	{being triangular}	2013/4953	. . . . .	{with rear faecal part separate from front urinary part}
2013/49073	. . . . .	{being trapezoidal}			
2013/49074	. . . . .	{hourglass; dog bone-shaped}			
2013/49076	. . . . .	{as "I"-shaped}			
2013/49077	. . . . .	{as "T"-shaped}			
2013/49079	. . . . .	{as backbone-shape}			

2013/4955	. . . . .	{with separable, disposable upper body layer}	2013/51097	. . . . .	{with high friction coefficient for fixation of the bandage}
2013/4956	. . . . .	{with vertical spacer or separator keeping other components out of contact}	13/511	. . . . .	Topsheet, i.e. the permeable cover or layer facing the skin
2013/4958	. . . . .	{with a faecal management layer}	13/51104	. . . . .	{the top sheet having a three-dimensional cross-section, e.g. corrugations, embossments, recesses or projections}
13/496	. . . . .	in the form of pants or briefs	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}
13/4963	. . . . .	{characterized by the seam}	13/51113	. . . . .	{comprising an additive, e.g. lotion or odour control ( <a href="#">A61F 13/51108</a> takes precedence)}
2013/4966	. . . . .	{with intentionally damp topsheet}	2013/51117	. . . . .	{the lotion having skin care properties}
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> })	13/51121	. . . . .	{characterised by the material}
2013/5055	. . . . .	{Possibility of doubling or putting in new pieces}	2013/51126	. . . . .	{being nets}
13/51	. . . . .	characterised by the outer layers {(wicking or transfer layers <a href="#">A61F 13/537</a> )}	2013/5113	. . . . .	{being foams}
2013/51002	. . . . .	{with special fibres}	2013/51134	. . . . .	{the foam being compressed and expandable, e.g. a cellulosic sponge}
2013/51004	. . . . .	{characterized by the length of the fibres}	2013/51139	. . . . .	{being woven or knitted fabrics}
2013/51007	. . . . .	{characterized by the orientation of fibres}	2013/51143	. . . . .	{being papers}
2013/51009	. . . . .	{characterized by the shape of the fibres}	2013/51147	. . . . .	{being polymeric films}
2013/51011	. . . . .	{characterized by the count of the fibres, e.g. denier or tex}	2013/51152	. . . . .	{having specific distance between the fibres}
2013/51014	. . . . .	{characterized by the connection between the fibres}	2013/51156	. . . . .	{having integrally attached}
2013/51016	. . . . .	{followed by a distension heat treatment}	13/5116	. . . . .	{being formed of multiple layers ( <a href="#">A61F 13/5123</a> takes precedence)}
2013/51019	. . . . .	{being cellulosic material}	2013/51165	. . . . .	{with the combination of films and nonwovens}
2013/51021	. . . . .	{being chemically modified}	2013/51169	. . . . .	{the nonwoven being hydroentangled or needlingentangled to the film}
2013/51023	. . . . .	{being polymeric fibres}	2013/51173	. . . . .	{with the combination of polymeric films}
2013/51026	. . . . .	{being in thermoplastic material}	2013/51178	. . . . .	{with the combination of nonwoven webs}
2013/51028	. . . . .	{being bicomponent}	2013/51182	. . . . .	{with non-continuous bonding}
2013/5103	. . . . .	{being hydrophobic}	2013/51186	. . . . .	{specially shaped topsheets}
2013/51033	. . . . .	{being hydrophilic}	2013/51191	. . . . .	{Self-sealing top layers}
2013/51035	. . . . .	{being biodegradable, e.g. Rayon, polylactate, dioxanone}	2013/51195	. . . . .	{not contacting the absorber}
2013/51038	. . . . .	{being a mixture of fibres}	13/512	. . . . .	characterised by its apertures, e.g. perforations
2013/5104	. . . . .	{with pulp and polymeric fibres}	13/5121	. . . . .	{characterised by the vertical shape of the apertures, e.g. three dimensional apertures, e.g. macro-apertures}
2013/51042	. . . . .	{with hydrophobic and hydrophilic fibres}	13/5122	. . . . .	{and comprising secondary apertures, e.g. macro-apertures in combination with micro-apertures}
2013/51045	. . . . .	{with thermoplastic binder}	13/5123	. . . . .	{the apertures being formed on a multilayer top sheet}
2013/51047	. . . . .	{with antibacterial agents}	13/5125	. . . . .	{the apertures not being formed through the complete thickness of the topsheet, e.g. blind holes ( <a href="#">blind holes in a single layered topsheet <a href="#">A61F 13/51104</a></a> )}
2013/5105	. . . . .	{with mineral or inert material}	13/5126	. . . . .	{characterised by the planar distribution of the apertures, e.g. in a predefined pattern}
2013/51052	. . . . .	{having different diameters}	2013/5127	. . . . .	{characterized by the dimension of apertures}
2013/51054	. . . . .	{having different densities}	2013/5128	. . . . .	{characterized by open targets or acquisitions or vulnerability zones}
2013/51057	. . . . .	{having different ratio of fibres}	13/513	. . . . .	{characterised by its function or properties, e.g. stretchability, breathability, rewet, visual effect;} having areas of different permeability
2013/51059	. . . . .	{being sprayed with chemicals}	13/51305	. . . . .	{having areas of different permeability}
2013/51061	. . . . .	{for rendering the surface hydrophobic}			
2013/51064	. . . . .	{in the legs area}			
2013/51066	. . . . .	{for rendering the surface hydrophilic}			
2013/51069	. . . . .	{by hydrophilisation with plasma or corona discharge}			
2013/51071	. . . . .	{with anti-static agents}			
2013/51073	. . . . .	{with lubricants}			
2013/51076	. . . . .	{with perfumes or odour-masking agents}			
2013/51078	. . . . .	{being embossed}			
2013/5108	. . . . .	{in grids}			
2013/51083	. . . . .	{in point}			
2013/51085	. . . . .	{in diamonds}			
2013/51088	. . . . .	{in very fine micro-texture}			
2013/5109	. . . . .	{with odour control}			
2013/51092	. . . . .	{characterized by the dimensions}			
2013/51095	. . . . .	{being metallic}			

13/51311	. . . . .	{the permeability gradient being in the vertical direction}	2013/51454	. . . . .	{being papers}
2013/51316	. . . . .	{with low friction coefficient}	13/51456	. . . . .	{characterised by its properties}
2013/51322	. . . . .	{being elastomeric or stretchable}	13/51458	. . . . .	{being air-pervious or breathable}
2013/51327	. . . . .	{in only one specific direction}	13/5146	. . . . .	{having apertures of perforations}
2013/51333	. . . . .	{in only specific parts or sections of the top layer}	13/51462	. . . . .	{being defined by a value or parameter}
2013/51338	. . . . .	{having improved touch or feeling, e.g. smooth film}	13/51464	. . . . .	{being stretchable or elastomeric}
2013/51344	. . . . .	{with pile webs or velvet-like tissues}	13/51466	. . . . .	{providing stretchability without the use of elastic material}
2013/5135	. . . . .	{with flame retardant agents or fire extinguishing agents}	2013/51468	. . . . .	{being removable}
2013/51355	. . . . .	{for improving fluid flow}	2013/5147	. . . . .	{the outer layer being adhesive itself}
2013/51361	. . . . .	{with pleats or folds}	2013/51472	. . . . .	{for reducing noise}
2013/51366	. . . . .	{with hydrophilic lower face}	13/51474	. . . . .	{characterised by its structure}
2013/51372	. . . . .	{with valve or valve-like upper layer; Tapered capillary structures}	13/51476	. . . . .	{being three-dimensional, e.g. embossed, textured, pleated, or with three-dimensional features, like gathers or loops}
2013/51377	. . . . .	{having decoration properties}	13/51478	. . . . .	{being a laminate, e.g. multi-layered or with several layers}
2013/51383	. . . . .	{being adapted for female properties}	13/5148	. . . . .	{having an impervious inner layer and a cloth-like outer layer}
2013/51388	. . . . .	{being adapted to male properties}	2013/51482	. . . . .	{being laminated on paper}
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}	13/51484	. . . . .	{being inhomogeneous in the plane of the sheet, i.e. having zones of different properties or structures}
13/514	. . .	backsheet, i.e. the impermeable cover or layer furthest from the skin {(A61F 13/15211, A61F 13/15252 take precedence)}	2013/51486	. . . . .	{with specially shaped backsheets}
13/51401	. . . . .	{characterised by the material}	2013/51488	. . . . .	{for napkins}
13/51403	. . . . .	{with activating means, e.g. for closing apertures upon contact with water}	2013/5149	. . . . .	{being embossed}
13/51405	. . . . .	{treated or coated, e.g. with moisture repellent agent}	2013/51492	. . . . .	{having specially shaped gas or air bubbles or bag-like structure}
2013/51407	. . . . .	{being flexible}	2013/51494	. . . . .	{having underlayer extending around the longitudinal edges of the absorbent core}
2013/51409	. . . . .	{being a film}	13/51496	. . . . .	{having visual effects}
2013/51411	. . . . .	{being impervious to fluids but not for air or vapours}	13/51498	. . . . .	{Details not otherwise provided for}
2013/51413	. . . . .	{with macroscopic openings}	13/515	. . .	characterised by the interconnection of the topsheet and the backsheet
2013/51415	. . . . .	{with pores}	13/52	. . .	{Layers coated or treated to decrease absorbency}
2013/51417	. . . . .	{with thin films}	13/53	. . .	characterised by the absorbing medium (A61F 13/20 takes precedence)
2013/51419	. . . . .	{with stretched areas}	2013/530007	. . .	{being made from pulp}
2013/51421	. . . . .	{only in special places}	2013/530014	. . . . .	{being made in hard wood pulp}
2013/51423	. . . . .	{the vapour permeability being less than 500g/m <sup>2</sup> /24h}	2013/530021	. . . . .	{being made in soft wood pulp}
2013/51425	. . . . .	{being impervious, i.e. occlusive}	2013/530029	. . . . .	{being made from cotton}
2013/51427	. . . . .	{having valves}	2013/530036	. . . . .	{being made in chemically-modified cellulosic material, e.g. Rayon}
2013/51429	. . . . .	{being elastomeric or stretchable sheet}	2013/530043	. . . . .	{being made in oxidized cellulose}
2013/51431	. . . . .	{in the composition of the elastomer}	2013/530051	. . . . .	{being made in cross-linked cellulosic fibres}
2013/51433	. . . . .	{being biodegradable}	2013/530058	. . . . .	{with specific method of producing wood pulp fibres}
2013/51435	. . . . .	{having flame retardant agent or fire extinguishing agent}	2013/530065	. . . . .	{with chemical pulp}
2013/51437	. . . . .	{being integral with absorbent core}	2013/530072	. . . . .	{with sulphate pulp, e.g. Kraft}
2013/51439	. . . . .	{being foams}	2013/53008	. . . . .	{being unbleached}
2013/51441	. . . . .	{being a fibrous material}	2013/530087	. . . . .	{with debonding agents}
2013/51443	. . . . .	{being impervious to fluids and being air permeable}	2013/530094	. . . . .	{with mechanical pulp}
2013/51445	. . . . .	{comprising microfibres, e.g. Gore-Tex}	2013/530102	. . . . .	{with thermomechanical pulp}
2013/51447	. . . . .	{being air permeable}	2013/530109	. . . . .	{with chemithermomechanical pulp}
2013/51449	. . . . .	{being knitted or woven fabrics}	2013/530116	. . . . .	{with recycled material, e.g. paper}
2013/5145	. . . . .	{being treated materials}	2013/530124	. . . . .	{with compressed and delaminated material}
2013/51452	. . . . .	{being nonwovens}	2013/530131	. . .	{being made in fibre but being not pulp}
			2013/530138	. . . . .	{characterized by the fibre length}



2013/530145 . . . . .	{being short}	2013/53054 . . . . .	{the maximum being along the side edges}
2013/530153 . . . . .	{being long}	2013/530547 . . . . .	{positioned in a separate layer or layers}
2013/53016 . . . . .	{having special shape}	2013/530554 . . . . .	{and being fixed to a web}
2013/530167 . . . . .	{being crimped}	2013/530562 . . . . .	{being arranged in discontinuous pattern}
2013/530175 . . . . .	{with capillary channel}	2013/530569 . . . . .	{characterized by the particle size}
2013/530182 . . . . .	{characterized by the connection between the fibres}	2013/530576 . . . . .	{having different size in different parts}
2013/530189 . . . . .	{with thermoplastic adhesive}	2013/530583 . . . . .	{characterized by the form}
2013/530197 . . . . .	{with water-soluble binder}	2013/530591 . . . . .	{in granules or particles}
2013/530204 . . . . .	{being alcohol-based binder}	2013/530598 . . . . .	{in aggregates}
2013/530211 . . . . .	{with water-insoluble binder}	2013/530605 . . . . .	{in sheet}
2013/530218 . . . . .	{followed by heat treatment}	2013/530613 . . . . .	{in fibres}
2013/530226 . . . . .	{with polymeric fibres}	2013/53062 . . . . .	{being made into a paper or non-woven}
2013/530233 . . . . .	{being thermoplastic fibres}	2013/530627 . . . . .	{in flakes}
2013/53024 . . . . .	{being bicomponent fibres}	2013/530635 . . . . .	{in thin film}
2013/530248 . . . . .	{being thermosetting fibres}	2013/530642 . . . . .	{being cross-linked or polymerised <u>in situ</u> }
2013/530255 . . . . .	{being hydrophobic fibres}	2013/530649 . . . . .	{in sponge or foam}
2013/530262 . . . . .	{only in particular parts or specially arranged}	2013/530656 . . . . .	{being cut into pieces}
2013/53027 . . . . .	{the maximum being at the crotch}	2013/530664 . . . . .	{being a knitted or woven fabric}
2013/530277 . . . . .	{the maximum being at front or rear}	2013/530671 . . . . .	{being mixed with mineral or inert material, e.g. "introfying particles"}
2013/530284 . . . . .	{the maximum being at a certain depth in the thickness}	2013/530678 . . . . .	{with citric acid}
2013/530291 . . . . .	{the maximum being along the sides}	2013/530686 . . . . .	{with metallic soluble salts, e.g. Na, K, Mg chloride}
2013/530299 . . . . .	{being hydrophilic fibres}	2013/530693 . . . . .	{with polymeric material}
2013/530306 . . . . .	{coated with superabsorbent polymer}	2013/5307 . . . . .	{characterized by the quantity or ratio of superabsorbent material}
2013/530313 . . . . .	{being biodegradable}	2013/530708 . . . . .	{characterized by the absorbency properties}
2013/530321 . . . . .	{in biopolymer, e.g. PHA}	2013/530715 . . . . .	{by the acquisition rate}
2013/530328 . . . . .	{being mineral fibres, e.g. glass}	2013/530722 . . . . .	{by the delayed absorbency}
2013/530335 . . . . .	{being in peat moss}	2013/530729 . . . . .	{by the swelling rate}
2013/530343 . . . . .	{being natural fibres}	2013/530737 . . . . .	{by the absorbent capacity}
2013/53035 . . . . .	{of cotton}	2013/530744 . . . . .	{by the absorbency under load}
2013/530357 . . . . .	{of wool}	2013/530751 . . . . .	{by the centrifugal load}
2013/530364 . . . . .	{of bamboo}	2013/530759 . . . . .	{by the osmotic feature}
2013/530372 . . . . .	{of ramie or jute or linen}	2013/530766 . . . . .	{by the cross-link factor}
2013/530379 . . . . .	{comprising mixtures of fibres}	2013/530773 . . . . .	{by the inverse temperature transition}
2013/530386 . . . . .	{with pulp and polymeric}	2013/530781 . . . . .	{by the ionic surfactant, e.g. salt resistant}
2013/530394 . . . . .	{in coform}	2013/530788 . . . . .	{characterized by the gel layer permeability}
2013/530401 . . . . .	{with hydrophobic and hydrophilic fibres}	2013/530795 . . . . .	{being biodegradable}
2013/530408 . . . . .	{with thermoplastic binder}	2013/530802 . . . . .	{characterized by the foam or sponge other than superabsorbent ( <a href="#">A61F 2013/530649</a> takes precedence)}
2013/530416 . . . . .	{having different count, e.g. denier or tex}	2013/53081 . . . . .	{with special pore dimension or arrangement}
2013/530423 . . . . .	{having different densities}	2013/530817 . . . . .	{being open cells}
2013/53043 . . . . .	{with different ratio of components}	2013/530824 . . . . .	{the cells being opened by mechanical or physical treatment}
2013/530437 . . . . .	{having a part with elevated absorption means}	2013/530832 . . . . .	{being closed cells}
2013/530445 . . . . .	{by defining a target or acquisition or vulnerability zone}	2013/530839 . . . . .	{being hydrophilic}
2013/530452 . . . . .	{having chemically-stiffened fibres}	2013/530846 . . . . .	{being hydrophobic}
2013/530459 . . . . .	{being curled}	2013/530854 . . . . .	{being collapsed or collapsible foam}
2013/530467 . . . . .	{being twisted}	2013/530861 . . . . .	{having slit regions}
2013/530474 . . . . .	{being cross-linked}	2013/530868 . . . . .	{characterized by the liquid distribution or transport means other than wicking layer ( <a href="#">A61F 13/537</a> takes precedence)}
2013/530481 . . . . .	{having superabsorbent materials, i.e. highly absorbent polymer gel materials}	2013/530875 . . . . .	{having holes}
2013/530489 . . . . .	{being randomly mixed in with other material}	2013/530883 . . . . .	{having folds}
2013/530496 . . . . .	{being fixed to fibres}	2013/53089 . . . . .	{having impervious part}
2013/530503 . . . . .	{comprising poly-aluminium-chloride}		
2013/53051 . . . . .	{being only in particular parts or specially arranged}		
2013/530518 . . . . .	{the maximum being at the crotch}		
2013/530525 . . . . .	{the maximum being at front or rear}		
2013/530532 . . . . .	{the maximum being at certain depth in the thickness}		

2013/530897 . . . . .	{having capillary means, e.g. pore or fibre size gradient}	13/53717 . . . . .	{the layer having a promotional function on liquid propagation in the horizontal direction}
2013/530905 . . . . .	{being hydrophilic}	2013/53721 . . . . .	{with capillary means}
2013/530912 . . . . .	{being hydrophobic}	2013/53726 . . . . .	{on the top layer}
2013/530919 . . . . .	{being hydroneutral}	2013/5373 . . . . .	{on the bottom layer}
2013/530927 . . . . .	{having longitudinal barriers}	2013/53734 . . . . .	{with compressed lines}
2013/530934 . . . . .	{having a density gradient}	2013/53739 . . . . .	{with compressed points}
2013/530941 . . . . .	{through the thickness}	13/53743 . . . . .	{characterised by the position of the layer relative to the other layers}
2013/530948 . . . . .	{along the length}	13/53747 . . . . .	{the layer is facing the topsheet (layer is part of the topsheet <a href="#">A61F 13/511</a> )}
2013/530956 . . . . .	{being only in particular parts or specially arranged}	13/53752 . . . . .	{the layer is embedded in the absorbent core}
2013/530963 . . . . .	{being maximum at the crotch}	13/53756 . . . . .	{the layer facing the back-sheet}
2013/53097 . . . . .	{being at front or rear region}	13/5376 . . . . .	{characterised by the performance of the layer, e.g. acquisition rate, distribution time, transfer time}
2013/530978 . . . . .	{being at a particular depth in the thickness}	2013/53765 . . . . .	{characterized by its geometry}
2013/530985 . . . . .	{being along the side edges}	2013/53769 . . . . .	{with the wicking layer not contacting the absorbent core}
2013/530992 . . . . .	{in the form of string or ball instead of sheets}	2013/53773 . . . . .	{with a deformable spacing structure}
13/531 . . . . .	having a homogeneous composition through the thickness of the pad ( <a href="#">A61F 13/538</a> , <a href="#">A61F 13/539</a> take precedence)	2013/53778 . . . . .	{with grooves}
2013/5312 . . . . .	{with structure resisting compression}	2013/53782 . . . . .	{with holes}
2013/5315 . . . . .	{with a tissue-wrapped core}	2013/53786 . . . . .	{with folds}
2013/5317 . . . . .	{with integral impervious bottom surface}	2013/53791 . . . . .	{being resilient or elastic}
13/532 . . . . .	inhomogeneous in the plane of the pad	2013/53795 . . . . .	{being a surge management layer}
13/5323 . . . . .	{having absorbent material located in discrete regions, e.g. pockets}	13/538 . . . . .	characterised by specific fibre orientation or weave
2013/5326 . . . . .	{being a flanged fibrous pad}	2013/5383 . . . . .	{by the fibre orientation in the x-y plane}
13/533 . . . . .	having discontinuous areas of compression	2013/5386 . . . . .	{by the fibre orientation in the z plane or vertical direction}
13/534 . . . . .	having an inhomogeneous composition through the thickness of the pad ( <a href="#">A61F 13/538</a> , <a href="#">A61F 13/539</a> take precedence; homogeneous cores with tissue wrapping <a href="#">A61F 13/53</a> )	13/539 . . . . .	characterised by the connection of the absorbent layers with each other or with the outer layers
13/53409 . . . . .	{having a folded core}	2013/53908 . . . . .	{with adhesive}
13/53418 . . . . .	{having a C-folded cross-section}	2013/53916 . . . . .	{with epicyclical pattern}
13/53427 . . . . .	{having an e-folded cross-section}	2013/53925 . . . . .	{with intermittent pattern, e.g. spots}
13/53436 . . . . .	{having an undulated or corrugated cross-section}	2013/53933 . . . . .	{with water-soluble binder}
2013/53445 . . . . .	{from several sheets}	2013/53941 . . . . .	{being alcohol-based binder}
2013/53454 . . . . .	{with mirror-like structure}	2013/5395 . . . . .	{with thermoplastic agent, i.e. softened by heat}
2013/53463 . . . . .	{with a reinforcing structure, e.g. net}	2013/53958 . . . . .	{with separate adhesive layer}
2013/53472 . . . . .	{being a non-woven tissue wrapping the core}	2013/53966 . . . . .	{by needling, sewing, blow-needling}
2013/53481 . . . . .	{being biodegradable}	2013/53975 . . . . .	{by Hydraulic entanglement}
2013/5349 . . . . .	{being a tissue-wrapped core}	2013/53983 . . . . .	{with hook and loop-type fastener or the like}
13/535 . . . . .	inhomogeneous in the plane of the pad, e.g. core absorbent layers being of different sizes ( <a href="#">A61F 13/5323</a> , <a href="#">A61F 13/537</a> take precedence)	2013/53991 . . . . .	{by ultrasonic method}
2013/5355 . . . . .	{with terraced core}	13/551 . . . . .	Packaging before or after use ({ <a href="#">general packaging of absorbent pads B65D 85/00</a> })
13/536 . . . . .	having discontinuous areas of compression	13/55105 . . . . .	{packaging of diapers}
13/537 . . . . .	characterised by a layer facilitating or inhibiting flow in one direction or plane, e.g. a wicking layer ({ <a href="#">A61F 13/538</a> takes precedence})	13/5511 . . . . .	{characterized by the container ( <a href="#">A61F 15/00</a> takes precedence)}
13/53704 . . . . .	{the layer having an inhibiting function on liquid propagation}	13/55115 . . . . .	{characterized by the features before use, e.g. how are the diapers folded or arranged in a package}
13/53708 . . . . .	{the layer having a promotional function on liquid propagation in at least one direction}	13/5512 . . . . .	{after use}
13/53713 . . . . .	{the layer having a promotional function on liquid propagation in the vertical direction}	2013/55125 . . . . .	{the disposal system being a bag or a pocket integral with or attached to the diaper}
		13/5513 . . . . .	{packaging of feminine sanitary napkins}
		13/55135 . . . . .	{before use}
		13/5514 . . . . .	{each item packaged single}

- 13/55145 . . . . {multiple packaged items}
- 13/5515 . . . . {after use}
- 2013/55155 . . . . {the disposal system being a bag or pocket integral with or attached to the sanitary napkin}
- 13/5516 . . . . {packaging of interlabial absorbing articles}
- 13/55165 . . . . {before use}
- 13/5517 . . . . {after use}
- 13/55175 . . . . {packaging of tampons}
- 13/5518 . . . . {after use}
- 13/55185 . . . . {in combination with the applicator}
- 13/5519 . . . . {packages containing more than one kind of item, e.g. tampon and napkin, or diaper and an exchangeable insert}
- 2013/55195 . . . . {Packaging for dispensing and disposing}
- 13/56 . . . . Supporting or fastening means
- 13/5605 . . . . {specially adapted for sanitary napkins or the like}
- 13/5611 . . . . {using fastening strips, e.g. adhesive, on the undergarment-facing side}
- 13/5616 . . . . {using flaps, e.g. adhesive, for attachment to the undergarment (leakage prevention means encircling the crotch portion [A61F 13/476](#))}
- 13/5622 . . . . {specially adapted for diapers or the like}
- 2013/5627 . . . . {comprising a zip fastener}
- 13/5633 . . . . {open type diaper}
- 13/5638 . . . . {adjustable open type diapers (adjustable otherwise than by the fasteners [A61F 13/493](#))}
- 13/5644 . . . . {having more than one pair of fasteners}
- 13/565 . . . . {pants type diaper}
- 13/5655 . . . . {adjustable pants type diapers (adjustable otherwise than by the fasteners [A61F 13/493](#))}
- 2013/5661 . . . . {in special holders for beds, chairs or seats}
- 2013/5666 . . . . {connected to itself ([A61F 13/58](#) and [A61F 13/62](#) take precedence)}
- 2013/5672 . . . . {with buttons or the like ([A61F 13/78](#) takes precedence)}
- 2013/5677 . . . . {refastenable}
- 2013/5683 . . . . {Disposition or arrangement}
- 2013/5688 . . . . {inclined at an oblique angle to the longitudinal axis}
- 2013/5694 . . . . {Other non adhesive means than hook and loop-type fastener or belts ([A61F 13/62](#), [A61F 13/64](#) and [A61F 13/66](#) take precedence)}
- 13/58 . . . . Adhesive tab fastener elements ([A61F 13/5611](#), [A61F 13/5616](#)), [A61F 13/66](#) take precedence)
- 13/581 . . . . {Tab fastener elements combining adhesive and mechanical fastening (fabric strip fastener elements [A61F 13/62](#))}
- 2013/582 . . . . {with one strip on one place}
- 2013/583 . . . . {with strips on several places}
- 2013/585 . . . . {being spot like}
- 2013/586 . . . . {on lateral flaps}
- 2013/587 . . . . {on rear or front tabs}
- 2013/588 . . . . {on waist panels}
- 13/60 . . . . with release means associated with tab fasteners
- 13/62 . . . . {Mechanical fastening means, ([A61F 13/5611](#), [A61F 13/5616](#), [A61F 13/581](#), [A61F 13/66](#) take precedence);}
- 13/622 . . . . {Fabric strip fastener elements, e.g. hook and loop}
- 13/625 . . . . {characterised by the hook}
- 13/627 . . . . {characterised by the loop}
- 13/64 . . . . Straps, belts, ties or endless bands ([A61F 13/5605](#), [A61F 13/5622](#)), [A61F 13/66](#) take precedence)
- 13/66 . . . . Garments, holders or supports not integral with absorbent pads
- 13/665 . . . . {Means specific for supporting or fastening sanitary towels; and sanitary towels}
- 13/68 . . . . abdominal enclosing type
- 13/70 . . . . with openable or removable crotch portion
- 13/72 . . . . with endless waist encircling band, e.g. panty type
- 13/74 . . . . having means to retain absorbent pads
- 13/76 . . . . transverse to width of the pads or fastener elements, e.g. straps, end flaps or tucks
- 13/78 . . . . Button or snap fastener elements
- 13/80 . . . . adjustable relative to body crotch area
- 13/82 . . . . with means for attaching to the body
- 13/84 . . . . Accessories, not otherwise provided for, for absorbent pads
- 2013/8402 . . . . {including disposal means ([A61F 13/5512](#), [A61F 13/5515](#), [A61F 13/5517](#), [A61F 13/5518](#) 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}
- 15/00 Auxiliary appliances for wound dressings; Dispensing containers for dressings or bandages** {(packaging of absorbent articles such as diapers, feminine hygiene absorbing pads or tampons [A61F 13/551](#); packaging of wound dressings [A61F 13/00072](#))}
- 15/001 . {Packages or dispensers for bandages, cotton balls, drapes, dressings, gauze, gowns, sheets, sponges, swabsticks or towels ([A61F 15/007](#) takes precedence)}
- 15/002 . . {dispensers for web or tape like bandages}
- 15/003 . . {dispensers for 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 ([corn plasters A61F 13/063](#))}
- 15/02 . Devices for cutting bandages of any kind, e.g. shears, cast-cutting saws

**17/00 First-aid kits**

- 2210/00 Particular material properties of prostheses classified in groups [A61F 2/00](#) - [A61F 2/26](#) or [A61F 2/82](#) or [A61F 9/00](#) or [A61F 11/00](#) or subgroups thereof**
- 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 in situ, e.g. epoxy resins
- 2210/009 . magnetic
- 2210/0095 . radioactive

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

- 2220/00 Fixations or connections for prostheses classified in groups [A61F 2/00](#) - [A61F 2/26](#) or [A61F 2/82](#) or [A61F 9/00](#) or [A61F 11/00](#) or subgroups thereof**
- 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
- 2230/00 Geometry of prostheses classified in groups [A61F 2/00](#) - [A61F 2/26](#) or [A61F 2/82](#) or [A61F 9/00](#) or [A61F 11/00](#) or subgroups thereof**
- 2230/0002 . Two-dimensional shapes, e.g. cross-sections
- 2230/0004 . . Rounded shapes, e.g. with rounded corners
- 2230/0006 . . . circular
- 2230/0008 . . . elliptical or oval
- 2230/001 . . . Figure-8-shaped, e.g. hourglass-shaped
- 2230/0013 . . . Horseshoe-shaped, e.g. crescent-shaped, C-shaped, U-shaped
- 2230/0015 . . . Kidney-shaped, e.g. bean-shaped
- 2230/0017 . . Angular shapes
- 2230/0019 . . . rectangular
- 2230/0021 . . . square
- 2230/0023 . . . triangular
- 2230/0026 . . . trapezoidal
- 2230/0028 . . Shapes in the form of latin or greek characters
- 2230/003 . . . Alpha-shaped
- 2230/0032 . . . B-shaped
- 2230/0034 . . . D-shaped
- 2230/0036 . . . E-shaped, e.g. epsilon-shaped
- 2230/0039 . . . H-shaped
- 2230/0041 . . . J-shaped
- 2230/0043 . . . L-shaped
- 2230/0045 . . . Omega-shaped
- 2230/0047 . . . Pi-shaped
- 2230/005 . . . Rosette-shaped, e.g. star-shaped
- 2230/0052 . . . T-shaped
- 2230/0054 . . . V-shaped
- 2230/0056 . . . W-shaped, e.g. M-shaped, sigma-shaped
- 2230/0058 . . . X-shaped
- 2230/006 . . . Y-shaped
- 2230/0063 . Three-dimensional shapes
- 2230/0065 . . toroidal, e.g. ring-shaped, doughnut-shaped
- 2230/0067 . . conical
- 2230/0069 . . cylindrical
- 2230/0071 . . spherical



2230/0073	. . Quadric-shaped	2250/0032	. . differing in radiographic density
2230/0076	. . . ellipsoidal or ovoid	2250/0034	. . differing in viscosity
2230/0078	. . . hyperboloidal	2250/0035	. . differing in release or diffusion time
2230/008	. . . paraboloidal	2250/0036	. . differing in thickness
2230/0082	. . parallelepipedal	2250/0037	. . differing in height or in length
2230/0084	. . . cubical	2250/0039	. . differing in diameter
2230/0086	. . Pyramidal, tetrahedral, or wedge-shaped	2250/004	. . differing in coefficient of thermal expansion, e.g. dilation, dilatation
2230/0089	. . . tetrahedral, i.e. having a triangular basis	2250/0041	. . differing in wear resistance
2230/0091	. . helically-coiled or spirally-coiled, i.e. having a 2-D spiral cross-section	2250/0042	. . differing in shape-memory transition temperatures, e.g. in martensitic transition temperature, in austenitic transition temperature
2230/0093	. . Umbrella-shaped, e.g. mushroom-shaped	2250/0043	. . differing in electric properties, e.g. in electrical conductivity, in galvanic properties
2230/0095	. . Saddle-shaped	2250/0045	. . . differing in electromagnetical properties
2230/0097	. . Harpoon-shaped	2250/0046	. . differing in melting temperature
<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>	2250/0047	. . differing in thermal conductivity
2240/001	. Designing or manufacturing processes	2250/0048	. . differing in mechanical expandability, e.g. in mechanical, self- or balloon expandability
2240/002	. . Designing or making customized prostheses	2250/005	. . differing in colour
2240/004	. . . Using a positive or negative model, e.g. moulds	2250/0051	. . differing in tissue ingrowth capacity, e.g. made from both ingrowth-promoting and ingrowth-preventing parts
2240/005	. . Templates	2250/0052	. . . differing in bone ingrowth capacity
2240/007	. . Dummy prostheses	2250/0053	. . differing in optical properties
2240/008	. . Means for testing implantable prostheses	2250/0054	. . differing in corrosion resistance
<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>	2250/0056	. . differing in wettability, e.g. in hydrophilic or hydrophobic behaviours
2250/0001	. Means for transferring electromagnetic energy to implants	2250/0057	. . made from both cured and uncured parts
2250/0002	. . for data transfer	2250/0058	. Additional features; Implant or prostheses properties not otherwise provided for
2250/0003	. having an inflatable pocket filled with fluid, e.g. liquid or gas	2250/0059	. . temporary
2250/0004	. adjustable	2250/006	. . modular
2250/0006	. . for adjusting angular orientation	2250/0062	. . . Kits of prosthetic parts to be assembled in various combinations for forming different prostheses
2250/0007	. . for adjusting length	2250/0063	. . . Nested prosthetic parts
2250/0008	. . for adjusting a position by translation along an axis or two perpendicula axes	2250/0064	. . . Sets comprising a plurality of prosthetic parts of different sizes
2250/0009	. . for adjusting thickness	2250/0065	. . telescopic
2250/001	. . for adjusting a diameter	2250/0067	. . Means for introducing or releasing pharmaceutical products into the body
2250/0012	. . for adjusting elasticity, flexibility, spring rate or mechanical tension	2250/0068	. . . the pharmaceutical product being in a reservoir
2250/0013	. . for adjusting fluid pressure	2250/0069	. . Sealing means
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	2250/007	. . . O-rings
2250/0015	. . differing in density or specific weight	2250/0071	. . breakable or frangible
2250/0017	. . . differing in yarn density	2250/0073	. . Force-limiting means
2250/0018	. . differing in elasticity, stiffness or compressibility	2250/0074	. . . Torque-limiting means
2250/0019	. . differing in hardness, e.g. Vickers, Shore, Brinell	2250/0075	. . Sound-damping or noise-reducing means
2250/002	. . differing in moment of inertia	2250/0076	. . waterproof
2250/0021	. . differing in coefficient of friction	2250/0078	. . Gender-specific, e.g. different for male and female patients
2250/0023	. . differing in porosity	2250/0079	. . Means for preventing the accidental forgetting of prosthetic parts inside the body during operation
2250/0024	. . . made from both porous and non-porous parts, e.g. adjacent parts	2250/008	. . Alarm means
2250/0025	. . differing in roughness	2250/0081	. . Prosthesis for animals
2250/0026	. . differing in surface structures	2250/0082	. . specially designed for children, e.g. having means for adjusting to their growth
2250/0028	. . differing in fibre orientations	2250/0084	. . Means for distinguishing between left-sided and right-sided devices; Sets comprising both left-sided and right-sided prosthetic parts
2250/0029	. . differing in bending or flexure capacity	2250/0085	. . Identification means; Administration of patients
2250/003	. . differing in adsorbability or resorbability, i.e. in adsorption or resorption time	2250/0086	. . . with bar code
2250/0031	. . . made from both resorbable and non-resorbable prosthetic parts, e.g. adjacent parts		

2250/0087	. . . colour-coded	2310/00245	. . . . containing niobium oxide
2250/0089	. . . coded with symbols, e.g. dots, numbers, letters, words	2310/00251	. . . . containing hafnia or hafnium oxide
2250/009	. . for single use, e.g. having means for preventing re-use	2310/00257	. . . . containing tantalum oxide
2250/0091	. . transparent or translucent	2310/00263	. . . based on metal borides
2250/0092	. . Means for cleaning prostheses	2310/00269	. . . based on metal carbides
2250/0093	. . Ultrasound system, e.g. for inducing coagulation during eye surgery	2310/00275	. . . . containing boron carbide
2250/0095	. . . with high intensity focused ultrasound	2310/00281	. . . . containing silicon carbide
2250/0096	. . Markers and sensors for detecting a position or changes of a position of an implant, e.g. RF sensors, ultrasound markers	2310/00287	. . . . containing titanium carbide
2250/0097	. . . Visible markings, e.g. indicia	2310/00293	. . . containing a phosphorus-containing compound, e.g. apatite
2250/0098	. . . radio-opaque, e.g. radio-opaque markers	2310/00299	. . . based on metal nitrides
<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>	2310/00305	. . . . containing boron nitride
2310/00005	. The prosthesis being constructed from a particular material	2310/00311	. . . . containing aluminium nitride
2310/00011	. . Metals or alloys	2310/00317	. . . . containing silicon nitride
2310/00017	. . . Iron- or Fe-based alloys, e.g. stainless steel	2310/00323	. . . . containing titanium nitride
2310/00023	. . . Titanium or titanium-based alloys, e.g. Ti-Ni alloys	2310/00329	. . Glasses, e.g. bioglass
2310/00029	. . . Cobalt-based alloys, e.g. Co-Cr alloys or Vitallium	2310/00335	. . . Porcelain
2310/00035	. . . Other metals or alloys	2310/00341	. . Coral, e.g. aragonite, porite
2310/00041	. . . . Magnesium or Mg-based alloys	2310/00347	. . Nacre or mother-of-pearl
2310/00047	. . . . Aluminium or Al-based alloys	2310/00353	. . Bone cement, e.g. polymethylmethacrylate or PMMA
2310/00053	. . . . Vanadium or V-based alloys	2310/00359	. . Bone or bony tissue
2310/00059	. . . . Chromium or Cr-based alloys	2310/00365	. . Proteins; Polypeptides; Degradation products thereof
2310/00065	. . . . Manganese or Mn-based alloys	2310/00371	. . . Collagen
2310/00071	. . . . Nickel or Ni-based alloys	2310/00377	. . . Fibrin
2310/00077	. . . . Copper or Cu-based alloys	2310/00383	. . . Gelatin
2310/00083	. . . . Zinc or Zn-based alloys	2310/00389	. The prosthesis being coated or covered with a particular material
2310/00089	. . . . Zirconium or Zr-based alloys	2310/00395	. . Coating or prosthesis-covering structure made of metals or of alloys
2310/00095	. . . . Niobium or Nb-based alloys	2310/00401	. . . Coating made of iron, of stainless steel or of other Fe-based alloys
2310/00101	. . . . Molybdenum or Mo-based alloys	2310/00407	. . . Coating made of titanium or of Ti-based alloys
2310/00107	. . . . Palladium or Pd-based alloys	2310/00413	. . . Coating made of cobalt or of Co-based alloys
2310/00113	. . . . Silver or Ag-based alloys	2310/00419	. . . Other metals
2310/00119	. . . . Tin or Sn-based alloys	2310/00425	. . . . Coating made of magnesium or of Mg-based alloys
2310/00125	. . . . Hafnium or Hf-based alloys	2310/00431	. . . . Coating made of aluminium or of Al-based alloys
2310/00131	. . . . Tantalum or Ta-based alloys	2310/00437	. . . . Coating made of silicon or Si-based alloys
2310/00137	. . . . Tungsten or W-based alloys	2310/00443	. . . . Coating made of vanadium or of V-based alloys
2310/00143	. . . . Iridium or Ir-based alloys	2310/00449	. . . . Coating made of chromium or Cr-based alloys
2310/00149	. . . . Platinum or Pt-based alloys	2310/00455	. . . . Coating made of manganese Mn-based alloys
2310/00155	. . . . Gold or Au-based alloys	2310/00461	. . . . Coating made of nickel or Ni-based alloys
2310/00161	. . Carbon; Graphite	2310/00467	. . . . Coating made of copper or Cu-based alloys
2310/00167	. . . Diamond or diamond-like carbon	2310/00473	. . . . Coating made of zinc or Zn-based alloys
2310/00173	. . . Graphite	2310/00479	. . . . Coating made of germanium or Ge-based alloys
2310/00179	. . Ceramics or ceramic-like structures	2310/00485	. . . . Coating made of zirconium or Zr-based alloys
2310/00185	. . . based on metal oxides	2310/00491	. . . . Coating made of niobium or Nb-based alloys
2310/00191	. . . . containing beryllium oxide	2310/00497	. . . . Coating made of molybdenum or Mo-based alloys
2310/00197	. . . . containing magnesia or magnesium oxide	2310/00502	. . . . Coating made of ruthenium or Ru-based alloys
2310/00203	. . . . containing alumina or aluminium oxide	2310/00508	. . . . Coating made of rhodium or Rh-based alloys
2310/00209	. . . . . Corundum or Sapphire	2310/00514	. . . . Coating made of palladium or Pd-based alloys
2310/00215	. . . . containing silica or silicon oxide	2310/0052	. . . . Coating made of silver or Ag-based alloys
2310/00221	. . . . containing calcia or calcium oxide	2310/00526	. . . . Coating made of indium or In-based alloys
2310/00227	. . . . containing titania or titanium oxide		
2310/00233	. . . . containing chromia or chromium oxides CrO, CrO <sub>2</sub> or CrO <sub>3</sub>		
2310/00239	. . . . containing zirconia or zirconium oxide ZrO <sub>2</sub>		

2310/00532	. . . .	Coating made of tin or Sn-based alloys	2310/00802	. . .	Coating or prosthesis-covering structure made of compounds based on metal hydrides
2310/00538	. . . .	Coating made of hafnium or Hf-based alloys	2310/00808	. . . .	Coating made of titanium hydride
2310/00544	. . . .	Coating made of tantalum or Ta-based alloys	2310/00814	. . . .	Coating made of vanadium hydride
2310/0055	. . . .	Coating made of tungsten or W-based alloys	2310/0082	. . . .	Coating made of chromium hydride
2310/00556	. . . .	Coating made of iridium or Ir-based alloys	2310/00826	. . . .	Coating made of zirconium hydride
2310/00562	. . . .	Coating made of platinum or Pt-based alloys	2310/00832	. . . .	Coating made of niobium hydride
2310/00568	. . . .	Coating made of gold or Au-based alloys	2310/00838	. . . .	Coating made of hafnium hydride
2310/00574	. .	Coating or prosthesis-covering structure made of carbon, e.g. of pyrocarbon	2310/00844	. . . .	Coating made of tantalum hydride
2310/0058	. . .	Coating made of diamond or of diamond-like carbon DLC	2310/0085	. . .	Coating or prosthesis-covering structure made of compounds based on metal chlorides
2310/00586	. . .	Coating made of graphite	2310/00856	. . .	Coating or prosthesis-covering structure made of compounds based on metal nitrides
2310/00592	. .	Coating or prosthesis-covering structure made of ceramics or of ceramic-like compounds	2310/00862	. . . .	Coating made of boron nitride
2310/00598	. . .	Coating or prosthesis-covering structure made of compounds based on metal oxides or hydroxides	2310/00868	. . . .	Coating made of aluminium nitride
2310/00604	. . . .	Coating made of aluminium oxide or hydroxides	2310/00874	. . . .	Coating made of silicon nitride
2310/0061	. . . .	Coating made of silicon oxide or hydroxides	2310/0088	. . . .	Coating made of titanium nitride
2310/00616	. . . .	Coating made of titanium oxide or hydroxides	2310/00886	. . . .	Coating made of chromium nitride
2310/00622	. . . .	Coating made of chromium oxide or hydroxides	2310/00892	. . . .	Coating made of zirconium nitride
2310/00628	. . . .	Coating made of cobalt oxide or hydroxides	2310/00898	. . . .	Coating made of niobium nitride
2310/00634	. . . .	Coating made of zirconium oxide or hydroxides	2310/00904	. . . .	Coating made of hafnium nitride
2310/0064	. . . .	Coating made of niobium oxide or hydroxides	2310/0091	. . . .	Coating made of tantalum nitride
2310/00646	. . . .	Coating made of molybdenum oxide or hydroxides	2310/00916	. . .	Coating or prosthesis-covering structure made of compounds based on metal sulfides
2310/00652	. . . .	Coating made of hafnium oxide or hydroxides	2310/00922	. . . .	Coating made of molybdenum sulfide
2310/00658	. . . .	Coating made of tantalum oxide or hydroxides	2310/00928	. .	Coating or prosthesis-covering structure made of glass or of glass-containing compounds, e.g. of bioglass
2310/00664	. . . .	Coating made of tungsten oxide or hydroxides	2310/00934	. . .	Coating made of enamel
2310/0067	. . .	Coating or prosthesis-covering structure made of compounds based on metal borides	2310/0094	. . .	Coating made of porcelain
2310/00676	. . . .	Coating made of aluminium boride	2310/00946	. .	Coating or prosthesis-covering structure made of nacre or mother-of-pearl
2310/00682	. . . .	Coating made of titanium boride	2310/00952	. .	Coating, pre-coating or prosthesis-covering structure made of bone cement, e.g. pre-applied PMMA cement mantle
2310/00688	. . . .	Coating made of vanadium boride	2310/00958	. .	Coating or prosthesis-covering structure made of bone or of bony tissue
2310/00694	. . . .	Coating made of chromium boride	2310/00964	. .	Coating or prosthesis-covering structure made of cartilage
2310/007	. . . .	Coating made of cobalt boride	2310/0097	. .	Coating or prosthesis-covering structure made of pharmaceutical products, e.g. antibiotics
2310/00706	. . . .	Coating made of zirconium boride	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
2310/00712	. . . .	Coating made of molybdenum boride	2310/00982	. . .	Coating made of collagen
2310/00718	. . . .	Coating made of lanthanum boride	2310/00988	. . .	Coating made of fibrin
2310/00724	. . . .	Coating made of tungsten boride	2310/00994	. . .	Coating made of gelatin
2310/0073	. . .	Coating or prosthesis-covering structure made of compounds based on metal carbides			
2310/00736	. . . .	Coating made of boron carbide			
2310/00742	. . . .	Coating made of silicon carbide			
2310/00748	. . . .	Coating made of titanium carbide			
2310/00754	. . . .	Coating made of chromium carbide			
2310/0076	. . . .	Coating made of nickel carbide			
2310/00766	. . . .	Coating made of zirconium carbide			
2310/00772	. . . .	Coating made of niobium carbide			
2310/00778	. . . .	Coating made of hafnium carbide			
2310/00784	. . . .	Coating made of tantalum carbide			
2310/0079	. . . .	Coating made of tungsten carbide			
2310/00796	. . .	Coating or prosthesis-covering structure made of a phosphorus-containing compound, e.g. hydroxy(l)apatite			