

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 950

DATE: JANUARY 1, 2021

PROJECT RP0705

**The following classification changes will be effected by this Notice of Changes:**

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Symbols Deleted:	A61M	1/10, 1/1001, 1/1003, 1/1005, 1/1006, 1/1008, 1/101, 1/1012, 1/1013, 1/1015, 1/1017, 1/1018, 1/102, 1/1022, 1/1024, 1/1025, 1/1029, 1/1031, 1/1032, 1/1034, 1/1036, 1/1037, 1/1039, 1/1041, 1/1043, 1/1044, 1/1046, 1/1048, 1/1049, 1/1051, 1/1053, 1/1055, 1/1056, 1/1058, 1/106, 1/1062, 1/1063, 1/1065, 1/1067, 1/1068, 1/107, 1/1072, 1/1074, 1/1075, 1/1081, 1/1082, 1/1084, 1/1086, 1/1087, 1/1089, 1/1096, 1/1098, 1/12, 1/122, 1/125, 1/127
Symbols New:	A61M	60/00, 60/10, 60/104, 60/109, 60/113, 60/117, 60/122, 60/126, 60/13, 60/135, 60/139, 60/143, 60/148, 60/152, 60/157, 60/161, 60/165, 60/17, 60/174, 60/178, 60/183, 60/187, 60/191, 60/196, 60/20, 60/205, 60/211, 60/216, 60/221, 60/226, 60/232, 60/237, 60/242, 60/247, 60/253, 60/258, 60/263, 60/268, 60/274, 60/279, 60/284, 60/289, 60/295, 60/30, 60/31, 60/32, 60/33, 60/34, 60/35, 60/36, 60/37, 60/38, 60/39, 60/40, 60/403, 60/405, 60/408, 60/411, 60/414, 60/416, 60/419, 60/422, 60/424, 60/427, 60/43, 60/432, 60/435, 60/438, 60/441, 60/443, 60/446, 60/449, 60/451, 60/454, 60/457, 60/459, 60/462, 60/465, 60/468, 60/47, 60/473, 60/476, 60/478, 60/481, 60/484, 60/486, 60/489, 60/492, 60/495, 60/497, 60/50, 60/508, 60/515, 60/523, 60/531, 60/538, 60/546, 60/554, 60/562, 60/569, 60/577, 60/585, 60/592, 60/80, 60/802, 60/804, 60/806, 60/808, 60/81, 60/812, 60/814, 60/816, 60/818, 60/82, 60/822, 60/824, 60/825, 60/827, 60/829, 60/831, 60/833, 60/835, 60/837, 60/839, 60/841, 60/843, 60/845, 60/847, 60/849, 60/851, 60/853, 60/855, 60/857, 60/859, 60/861, 60/863, 60/865, 60/867, 60/869, 60/871, 60/873, 60/875, 60/876, 60/878, 60/88, 60/882, 60/884, 60/886, 60/888, 60/89, 60/892, 60/894, 60/896, 60/898, 60/90
Titles Changed:	A61D	7/00
	A61F	2/00
	A61H	31/00
	A61M	Subclass

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Warnings New:	A61M	60/00, 60/10, 60/122, 60/126, 60/135, 60/139, 60/143, 60/165, 60/17, 60/174, 60/196, 60/20, 60/205, 60/211, 60/216, 60/258, 60/263, 60/268, 60/274, 60/279, 60/30, 60/40, 60/403, 60/424, 60/465, 60/497, 60/50, 60/508, 60/562, 60/569, 60/585, 60/592, 60/80, 60/802, 60/818, 60/82, 60/822, 60/824, 60/825, 60/857, 60/859, 60/871, 60/873, 60/876, 60/878, 60/88, 60/882, 60/884, 60/90
Notes New:	A61M	60/00
Guidance Headings Deleted:	A61F	2/00
<b>DEFINITIONS:</b>		
Definitions Deleted:	A61M	1/10, 1/101, 1/1037, 1/1046, 1/1053, 1/1067, 1/1068, 1/107, 1/1072, 1/1086, 1/12, 1/127
Definitions New:	A61M	60/00, 60/205, 60/268, 60/40, 60/50, 60/871
Definitions Modified:	A61F	2/00, 2/2481
	A61H	31/00
	A61L	27/00
	A61M	25/1018

The following subclasses/groups are also impacted by this Notice of Changes: A61B, A61N, F16C

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

- 3.  REVISION CONCORDANCE LIST (RCL)
- 4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS A61D - VETERINARY INSTRUMENTS, IMPLEMENTS, TOOLS, OR METHODS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	A61D7/00	0	Devices or methods for introducing solid, liquid, or gaseous remedies or other materials into or onto the bodies of animals (for reproduction or fertilisation A61D 19/00{; devices for implanting pellets, radon seeds or the like A61M 37/0069})	

**SUBCLASS 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)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	A61F 2/00	0	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 60/00; artificial kidneys A61M 1/14)	

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**SUBCLASS A61H - PHYSICAL THERAPY APPARATUS, e.g. DEVICES FOR LOCATING OR STIMULATING REFLEX POINTS IN THE BODY; ARTIFICIAL RESPIRATION; MASSAGE; BATHING DEVICES FOR SPECIAL THERAPEUTIC OR HYGIENIC PURPOSES OR SPECIFIC PARTS OF THE BODY (electrotherapy, magnetotherapy, radiation therapy, ultrasound therapy A61N)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	A61H31/00	0	Artificial respiration or heart stimulation, e.g. heart massage (artificial respiration by treatment with gas or air, e.g. mouth-to-mouth respiration A61M 16/00; applying electric currents by contact electrodes for stimulation, e.g. heart pace-makers A61N 1/36 {; teaching or training models, demonstration models for medical purposes G09B 23/288})	

**SUBCLASS A61M - DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/26; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	A61M	Subclass	DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/26; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR{(Electrotherapy, e.g. producing anaesthesia by the use of alternating or intermittent currents A61N1/36021)}	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	A61M 1/10	1	Blood pumps; Artificial hearts; Devices for mechanical circulatory assistance, e.g. intra-aortic balloon pumps (artificial heart valves A61F 2/24; heart stimulation A61H 31/00)	<Administrative transfer to A61M 60/00>
D	A61M 1/1001	2	{General aspects of blood pumps irrespective of pump type}	<Administrative transfer to A61M 60/00>
D	A61M 1/1003	3	{skeletal muscle-powered}	<Administrative transfer to A61M 60/882>
D	A61M 1/1005	3	{with means for making a blood flow pulsatile (moving filter membranes used for pumping A61M 1/267; piston pumps A61M 1/1081)}	<Administrative transfer to A61M 60/562>
D	A61M 1/1006	3	{Blood pumps incorporated within another functional device, e.g. an oxygenator, a dialyser or a blood chamber}	<Administrative transfer to A61M 60/113>
D	A61M 1/1008	2	{Tubes; Connections therefor}	<Administrative transfer to A61M 60/857>
D	A61M 1/101	2	{Non-positive displacement pumps, e.g. impeller, centrifugal, vane pumps}	<Administrative transfer to A61M 60/205>
D	A61M 1/1012	3	{Constructional features thereof}	<Administrative transfer to A61M 60/205>
D	A61M 1/1013	4	{Types of bearings}	<Administrative transfer to A61M 60/818>
D	A61M 1/1015	5	{Magnetic bearings}	<Administrative transfer to A61M 60/82>
D	A61M 1/1017	5	{Hydrodynamic bearings}	<Administrative transfer to A61M 60/824>
D	A61M 1/1018	4	{with occluders preventing backflow}	<Administrative transfer to A61M 60/833>
D	A61M 1/102	4	{having a purge fluid supply}	<Administrative transfer to A61M 60/829>
D	A61M 1/1022	5	{using filtered blood as purge fluid}	<Administrative transfer to A61M 60/831>
D	A61M 1/1024	4	{having a collapsible rotor}	<Administrative transfer to A61M 60/205>
D	A61M 1/1025	4	{Details on blood sealings between rotational parts, e.g. sealing by axial forces}	<Administrative transfer to A61M 60/205>
D	A61M 1/1029	3	{Drive systems therefor}	<Administrative transfer to A61M 60/40>
D	A61M 1/1031	4	{using a motor with canned rotor, i.e. a motor enclosed within a casing along with the rotor so that the motor bearings are lubricated by the blood that is being pumped}	<Administrative transfer to A61M 60/422>

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D	A61M 1/1032	5	{with hydraulic or pneumatic driving means}	<Administrative transfer to A61M 60/405>
D	A61M 1/1034	5	{using rotating cables for driving}	<Administrative transfer to A61M 60/414>
D	A61M 1/1036	5	{using rotating magnets for driving}	<Administrative transfer to A61M 60/419>
D	A61M 1/1037	2	{Pumps having flexible elements, e.g. with membranes, diaphragms, or bladder pumps (Moving membranes in blood filters used for pumping A61M 1/267)}	<Administrative transfer to A61M 60/268>
D	A61M 1/1039	3	{Peristaltic pumps}	<Administrative transfer to A61M 60/279>
D	A61M 1/1041	4	{Linear}	<Administrative transfer to A61M 60/284>
D	A61M 1/1043	3	{Constructional features thereof}	<Administrative transfer to A61M 60/268>
D	A61M 1/1044	4	{Compliance chamber containing a gas or liquid other than blood to compensate volume variations of a blood chamber}	<Administrative transfer to A61M 60/869>
D	A61M 1/1046	3	{Drive systems therefor, e.g. mechanically, electromechanically or skeletal muscle drive means}	<Administrative transfer to A61M 60/40>
D	A61M 1/1048	4	{characterised by way of converting the movement}	<Administrative transfer to A61M 60/40>
D	A61M 1/1049	5	{with means converting the rotation of a motor into a translational movement of the flexible element}	<Administrative transfer to A61M 60/40>
D	A61M 1/1051	6	{the axis of both movements being parallel, e.g. roller screw actuator, cylindrical cam transmission}	<Administrative transfer to A61M 60/40>
D	A61M 1/1053	4	{using non-rotary electrical means}	<Administrative transfer to A61M 60/40>
D	A61M 1/1055	5	{Electromagnetic means, e.g. solenoids or ferro-fluids, magnetostrictive means}	<Administrative transfer to A61M 60/40>
D	A61M 1/1056	5	{Thermo-electric means, e.g. shaped memory alloys}	<Administrative transfer to A61M 60/40>
D	A61M 1/1058	5	{Piezoelectric means}	<Administrative transfer to A61M 60/40>
D	A61M 1/106	4	{using hydraulic or pneumatic means}	<Administrative transfer to A61M 60/40>
D	A61M 1/1062	5	{with application of vacuum at the blood pump, e.g. to accelerate filling}	<Administrative transfer to A61M 60/43>
D	A61M 1/1063	5	{Diastole or systole switching by stopping or reversing a hydraulic or pneumatic pump operating at a much higher cyclical speed than the heart rate}	<Administrative transfer to A61M 60/432>

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D	A61M 1/1065	5	{Diastole or systole switching by valve means between the blood pump and the hydraulic or pneumatic energy source}	<Administrative transfer to A61M 60/435>
D	A61M 1/1067	3	{using a blood vessel as flexible element (not used, see subgroups)}	<Administrative transfer to A61M 60/268>
D	A61M 1/1068	4	{using the heart as flexible element}	<Administrative transfer to A61M 60/268>
D	A61M 1/107	3	{Pulsating membrane pumps without valves, e.g. for counter pulsation, extra-arterial balloon pumps}	<Administrative transfer to A61M 60/274>
D	A61M 1/1072	4	{Intra-arterial balloon pumps, e.g. intra-aortic (intravascular pumps A61M 1/125)}	<Administrative transfer to A61M 60/135>
D	A61M 1/1074	5	{Intra-ventricular balloon pumps}	<Administrative transfer to A61M 60/17>
D	A61M 1/1075	3	{the pump membrane acting as inlet valve}	<Administrative transfer to A61M 60/898>
D	A61M 1/1081	2	{Piston pumps}	<Administrative transfer to A61M 60/258>
D	A61M 1/1082	2	{High-frequency pumps}	<Administrative transfer to A61M 60/577>
D	A61M 1/1084	2	{Venturi or jet pumps}	<Administrative transfer to A61M 60/211>
D	A61M 1/1086	2	{Regulating or controlling systems therefor}	<Administrative transfer to A61M 60/50>
D	A61M 1/1087	2	{Active valves for blood pumps or artificial hearts, i.e. using an external force for actuating the valve}	<Administrative transfer to A61M 60/892>
D	A61M 1/1089	3	{where the valve is formed by a flexible tube element which is clamped for restricting the flow}	<Administrative transfer to A61M 60/892>
D	A61M 1/1096	2	{Passive valves for blood pumps or artificial hearts, i.e. valves actuated by the fluid}	<Administrative transfer to A61M 60/894>
D	A61M 1/1098	3	{Valves having flexible or resilient parts, e.g. flap valve}	<Administrative transfer to A61M 60/896>
D	A61M 1/12	2	implantable into the body {(not used, see subgroups)}	<Administrative transfer to A61M 60/122>
D	A61M 1/122	3	{Heart assist devices, i.e. for assisting an ailing heart, using additional pumping means in the blood circuit}	<Administrative transfer to A61M 60/148>
D	A61M 1/125	3	{intravascular, i.e. introduced or implanted in an existing blood vessel}	<Administrative transfer to A61M 60/135>
D	A61M 1/127	3	{Energy supply devices, converters therefor}	<Administrative transfer to A61M 60/871>

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Q	A61M 60/00	0	Blood pumps; Devices for mechanical circulatory actuation; Balloon pumps for circulatory assistance (heart stimulation A61H 31/00; heart stimulators for electrotherapy A61N 1/362)	A61M 60/00 A61M 60/10 A61M 60/104 A61M 60/109 A61M 60/113 A61M 60/117 A61M 60/122 A61M 60/126 A61M 60/13 A61M 60/135 A61M 60/139 A61M 60/143 A61M 60/148 A61M 60/152 A61M 60/157 A61M 60/161 A61M 60/165 A61M 60/17 A61M 60/174 A61M 60/178 A61M 60/183 A61M 60/187 A61M 60/191 A61M 60/196 A61M 60/20 A61M 60/205 A61M 60/211 A61M 60/216 A61M 60/221 A61M 60/226 A61M 60/232 A61M 60/237 A61M 60/242 A61M 60/247 A61M 60/253 A61M 60/258 A61M 60/263 A61M 60/268 A61M 60/274 A61M 60/279 A61M 60/284 A61M 60/289 A61M 60/295 A61M 60/30 A61M 60/31 A61M 60/32 A61M 60/33 A61M 60/34 A61M 60/35 A61M 60/36 A61M 60/37 A61M 60/38 A61M 60/39 A61M 60/40
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				A61M 60/403 A61M 60/405 A61M 60/408 A61M 60/411 A61M 60/414 A61M 60/416 A61M 60/419 A61M 60/422 A61M 60/424 A61M 60/427 A61M 60/43 A61M 60/432 A61M 60/435 A61M 60/438 A61M 60/441 A61M 60/443 A61M 60/446 A61M 60/449 A61M 60/451 A61M 60/454 A61M 60/457 A61M 60/459 A61M 60/462 A61M 60/465 A61M 60/468 A61M 60/47 A61M 60/473 A61M 60/476 A61M 60/478 A61M 60/481 A61M 60/484 A61M 60/486 A61M 60/489 A61M 60/492 A61M 60/495 A61M 60/497 A61M 60/50 A61M 60/508 A61M 60/515 A61M 60/523 A61M 60/531 A61M 60/538 A61M 60/546 A61M 60/554 A61M 60/562 A61M 60/569 A61M 60/577 A61M 60/585 A61M 60/592 A61M 60/80 A61M 60/802 A61M 60/804 A61M 60/806 A61M 60/808
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				A61M 60/81 A61M 60/812 A61M 60/814 A61M 60/816 A61M 60/818 A61M 60/82 A61M 60/822 A61M 60/824 A61M 60/825 A61M 60/827 A61M 60/829 A61M 60/831 A61M 60/833 A61M 60/835 A61M 60/837 A61M 60/839 A61M 60/841 A61M 60/843 A61M 60/845 A61M 60/847 A61M 60/849 A61M 60/851 A61M 60/853 A61M 60/855 A61M 60/857 A61M 60/859 A61M 60/861 A61M 60/863 A61M 60/865 A61M 60/867 A61M 60/869 A61M 60/871 A61M 60/873 A61M 60/875 A61M 60/876 A61M 60/878 A61M 60/88 A61M 60/882 A61M 60/884 A61M 60/886 A61M 60/888 A61M 60/89 A61M 60/892 A61M 60/894 A61M 60/896 A61M 60/898 A61M 60/90

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N	A61M 60/10	1	Location thereof with respect to the patient's body	
N	A61M 60/104	2	Extracorporeal pumps, i.e. the blood being pumped outside the patient's body	
N	A61M 60/109	3	incorporated within extracorporeal blood circuits or systems	
N	A61M 60/113	4	in other functional devices, e.g. dialysers or heart-lung machines	
N	A61M 60/117	3	for assisting the heart, e.g. transcutaneous or external ventricular assist devices	
Q	A61M 60/122	2	Implantable pumps or pumping devices, i.e. the blood being pumped inside the patient's body	A61M 60/122 A61M 60/126 A61M 60/13 A61M 60/135 A61M 60/139 A61M 60/143 A61M 60/148 A61M 60/152 A61M 60/157 A61M 60/161 A61M 60/165 A61M 60/17 A61M 60/174 A61M 60/178 A61M 60/183 A61M 60/187 A61M 60/191 A61M 60/196
N	A61M 60/126	3	implantable via, into, inside, in line, branching on, or around a blood vessel	
N	A61M 60/13	4	by means of a catheter allowing explantation, e.g. catheter pumps temporarily introduced via the vascular system	
Q	A61M 60/135	4	inside a blood vessel, e.g. using grafting	A61M 60/135 A61M 60/139 A61M 60/143
N	A61M 60/139	5	inside the aorta, e.g. intra-aortic balloon pumps	
N	A61M 60/143	5	inside the coronary sinus, e.g. for pressure-controlled intermittent coronary sinus occlusion	
N	A61M 60/148	4	in line with a blood vessel using resection or like techniques, e.g. permanent endovascular heart assist devices	

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N	A61M 60/152	4	branching on and drawing blood from a blood vessel	
N	A61M 60/157	4	mechanically acting upon the inside of the patient's blood vessel structure, e.g. contractile structures placed inside a vessel	
N	A61M 60/161	4	mechanically acting upon the outside of the patient's blood vessel structure, e.g. compressive structures placed around a vessel	
N	A61M 60/165	3	implantable in, on, or around the heart	
Q	A61M 60/17	4	inside a ventricle, e.g. intraventricular balloon pumps	A61M 60/17 A61M60/174
N	A61M 60/174	5	discharging the blood to the ventricle or arterial system via a cannula internal to the ventricle or arterial system	
N	A61M 60/178	4	drawing blood from a ventricle and returning the blood to the arterial system via a cannula external to the ventricle, e.g. left or right ventricular assist devices	
N	A61M 60/183	5	drawing blood from both ventricles, e.g. bi-ventricular assist devices [BiVAD]	
N	A61M 60/187	4	mechanically acting upon the inside of the patient's native heart, e.g. contractile structures placed inside the heart	
N	A61M 60/191	4	mechanically acting upon the outside of the patient's native heart, e.g. compressive structures placed around the heart	
N	A61M 60/196	3	replacing the entire heart, e.g. total artificial hearts [TAH]	
N	A61M 60/20	1	Type thereof	
Q	A61M 60/205	2	Non-positive displacement blood pumps	A61M60/205 A61M 60/211 A61M 60/216 A61M 60/221 A61M 60/226 A61M 60/232 A61M 60/237 A61M 60/242 A61M 60/403 A61M 60/405 A61M 60/408 A61M 60/411 A61M 60/414 A61M 60/416 A61M 60/419 A61M 60/422

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
				A61M 60/802 A61M 60/804 A61M 60/806 A61M 60/808 A61M 60/81 A61M 60/812 A61M 60/814 A61M 60/816 A61M 60/818 A61M 60/82 A61M 60/822 A61M 60/824 A61M 60/825 A61M 60/827 A61M 60/829 A61M 60/831 A61M 60/833
N	A61M 60/211	3	using a jet, venturi or entrainment effect for pumping the blood	
N	A61M 60/216	3	including a rotating member acting on the blood, e.g. impeller	
N	A61M 60/221	4	the blood flow through the rotating member having both radial and axial components, e.g. mixed flow pumps	
N	A61M 60/226	4	the blood flow through the rotating member having mainly radial components	
N	A61M 60/232	5	Centrifugal pumps	
N	A61M 60/237	4	the blood flow through the rotating member having mainly axial components, e.g. axial flow pumps	
N	A61M 60/242	5	with the outlet substantially perpendicular to the axis of rotation	
N	A61M 60/247	2	Positive displacement blood pumps	
N	A61M 60/253	3	including a displacement member directly acting on the blood	
Q	A61M 60/258	4	Piston pumps	A61M 60/258 A61M60/263
N	A61M 60/263	5	having a spherical housing, e.g. cardan pumps	
Q	A61M 60/268	4	the displacement member being flexible, e.g. membranes, diaphragms or bladders	A61M 60/268 A61M 60/274 A61M 60/279 A61M 60/284
N	A61M 60/274	5	the inlet and outlet being the same, e.g. para-aortic counter-pulsation blood pumps	
N	A61M 60/279	5	Peristaltic pumps, e.g. roller pumps	

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N	A61M 60/284	6	Linear peristaltic pumps	
N	A61M 60/289	2	Devices for mechanical circulatory actuation assisting the residual heart function by means mechanically acting upon the patient's native heart or blood vessel structure, e.g. direct cardiac compression [DCC] devices	
N	A61M 60/295	2	Balloon pumps for circulatory assistance	
N	A61M 60/30	1	Medical purposes thereof other than the enhancement of the cardiac output	
N	A61M 60/31	2	for enhancement of <u>in vivo</u> organ perfusion, e.g. retroperfusion	
N	A61M 60/32	3	of heart muscle tissues, e.g. using coronary sinus occlusion	
N	A61M 60/33	3	of kidneys	
N	A61M 60/34	2	for enhancement of circulation to the extremities, e.g. the feet	
N	A61M 60/35	2	for specific surgeries, e.g. for Fontan procedure	
N	A61M 60/36	2	for specific blood treatment; for specific therapy	
N	A61M 60/37	3	Haemodialysis, haemofiltration or diafiltration	
N	A61M 60/38	3	Blood oxygenation	
N	A61M 60/39	2	for blood transfusion	
Q	A61M 60/40	1	Details relating to driving	A61M 60/40 A61M 60/403 A61M 60/405 A61M 60/408 A61M 60/411 A61M 60/414 A61M 60/416 A61M 60/419 A61M 60/422 A61M 60/424 A61M 60/427 A61M 60/43 A61M 60/432 A61M 60/435 A61M 60/438 A61M 60/441 A61M 60/443 A61M 60/446 A61M 60/449 A61M 60/451 A61M 60/454

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
				A61M 60/457 A61M 60/459 A61M 60/462 A61M 60/465 A61M 60/468 A61M 60/47 A61M 60/473 A61M 60/476 A61M 60/478 A61M 60/481 A61M 60/484 A61M 60/486 A61M 60/489 A61M 60/492 A61M 60/495 A61M 60/497
N	A61M 60/403	2	for non-positive displacement blood pumps	
N	A61M 60/405	3	the force acting on the blood contacting member being hydraulic or pneumatic	
N	A61M 60/408	3	the force acting on the blood contacting member being mechanical, e.g. transmitted by a shaft or cable	
N	A61M 60/411	4	generated by an electromotor	
N	A61M 60/414	5	transmitted by a rotating cable, e.g. for blood pumps mounted on a catheter	
N	A61M 60/416	5	transmitted directly by the motor rotor drive shaft	
N	A61M 60/419	3	the force acting on the blood contacting member being permanent magnetic, e.g. from a rotating magnetic coupling between driving and driven magnets	
N	A61M 60/422	3	the force acting on the blood contacting member being electromagnetic, e.g. using canned motor pumps	
N	A61M 60/424	2	for positive displacement blood pumps	
N	A61M 60/427	3	the force acting on the blood contacting member being hydraulic or pneumatic	
N	A61M 60/43	4	using vacuum at the blood pump, e.g. to accelerate filling	
N	A61M 60/432	4	with diastole or systole switching by stopping or reversing the blood pump operating at a much higher cyclical speed than the heart beat	
N	A61M 60/435	4	with diastole or systole switching by valve means located between the blood pump and the hydraulic or pneumatic energy source	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
N	A61M 60/438	3	the force acting on the blood contacting member being mechanical	
N	A61M 60/441	4	generated by an electromotor	
N	A61M 60/443	5	with means converting the rotation into a translational movement of the displacement member	
N	A61M 60/446	6	the axis of both movements being parallel, e.g. roller screw actuators or cylindrical cam transmissions	
N	A61M 60/449	4	generated by a solenoid	
N	A61M 60/451	4	generated by electro-thermomechanical actuators, e.g. shape memory alloy actuators	
N	A61M 60/454	4	generated by electro-active actuators, e.g. using electro-active polymers or piezo-electric elements	
N	A61M 60/457	3	the force acting on the blood contacting member being magnetic	
N	A61M 60/459	4	generated by permanent magnets	
N	A61M 60/462	4	Electromagnetic force	
N	A61M 60/465	2	for devices for mechanical circulatory actuation	
N	A61M 60/468	3	the force acting on the actuation means being hydraulic or pneumatic	
N	A61M 60/47	3	the force acting on the actuation means being mechanical, e.g. mechanically driven members clamping a blood vessel	
N	A61M 60/473	4	generated by an electromotor	
N	A61M 60/476	5	with means converting the rotation into a translational movement of the displacement member	
N	A61M 60/478	6	the axis of both movements being parallel, e.g. roller screw actuators or cylindrical cam transmissions	
N	A61M 60/481	4	generated by a solenoid	
N	A61M 60/484	4	generated by electro-thermomechanical actuators, e.g. shape memory alloy actuators	
N	A61M 60/486	4	generated by electro-active actuators, e.g. using electro-active polymers or piezo-electric elements	
N	A61M 60/489	3	the force acting on the blood contacting member being magnetic	
N	A61M 60/492	4	generated by permanent magnets	
N	A61M 60/495	4	Electromagnetic force	
N	A61M 60/497	2	for balloon pumps for circulatory assistance	



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Q	A61M 60/50	1	Details relating to control	A61M 60/50 A61M 60/508 A61M 60/515 A61M 60/523 A61M 60/531 A61M 60/538 A61M 60/546 A61M 60/554 A61M 60/562 A61M 60/569 A61M 60/577 A61M 60/585 A61M 60/592
N	A61M 60/508	2	Electronic control means, e.g. for feedback regulation	
N	A61M 60/515	3	Regulation using real-time patient data	
N	A61M 60/523	4	using blood flow data, e.g. from blood flow transducers	
N	A61M 60/531	4	using blood pressure data, e.g. from blood pressure sensors	
N	A61M 60/538	3	Regulation using real-time blood pump operational parameter data, e.g. motor current	
N	A61M 60/546	4	of blood flow, e.g. by adapting rotor speed	
N	A61M 60/554	4	of blood pressure	
Q	A61M 60/562	3	for making blood flow pulsatile in blood pumps that do not intrinsically create pulsatile flow	A61M 60/569 A61M60/562
N	A61M 60/569	4	synchronous with the native heart beat	
N	A61M 60/577	3	High-frequency driving	
N	A61M 60/585	2	User interfaces	
N	A61M 60/592	2	Communication of patient or blood pump data to distant operators for treatment purposes	
N	A61M 60/80	1	Constructional details other than related to driving	
N	A61M 60/802	2	of non-positive displacement blood pumps	
N	A61M 60/804	3	Impellers	
N	A61M 60/806	4	Vanes or blades	
N	A61M 60/808	5	specially adapted for deformable impellers, e.g. expandable impellers	
N	A61M 60/81	3	Pump housings	
N	A61M 60/812	4	Vanes or blades, e.g. static flow guides	
N	A61M 60/814	4	Volutes	
N	A61M 60/816	4	Sensors arranged on or in the housing, e.g. ultrasound flow sensors	

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Q	A61M 60/818	3	Bearings	A61M 60/818 A61M 60/82 A61M 60/822 A61M 60/824 A61M 60/825
Q	A61M 60/82	4	Magnetic bearings	A61M60/82 A61M60/822
N	A61M 60/822	5	specially adapted for being actively controlled	
N	A61M 60/824	4	Hydrodynamic or fluid film bearings	
N	A61M 60/825	4	Contact bearings, e.g. ball-and-cup or pivot bearings	
N	A61M 60/827	3	Sealings between moving parts	
N	A61M 60/829	4	having a purge fluid supply	
N	A61M 60/831	5	using filtered blood as purge fluid	
N	A61M 60/833	3	Occluders for preventing backflow	
N	A61M 60/835	2	of positive displacement blood pumps	
N	A61M 60/837	3	Aspects of flexible displacement members, e.g. shapes or materials	
N	A61M 60/839	2	of devices for mechanical circulatory actuation	
N	A61M 60/841	2	of balloon pumps for circulatory assistance	
N	A61M 60/843	3	Balloon aspects, e.g. shapes or materials	
N	A61M 60/845	2	of extracorporeal blood pumps	
N	A61M 60/847	3	arranged in a cassette	
N	A61M 60/849	3	Disposable parts	
N	A61M 60/851	3	Valves	
N	A61M 60/853	4	the valve being formed by a flexible tube element which is clamped for restricting the flow	
N	A61M 60/855	2	of implantable pumps or pumping devices	
Q	A61M 60/857	3	Implantable blood tubes	A61M60/857 A61M60/859
N	A61M 60/859	4	Connections therefor	
N	A61M 60/861	3	Connections or anchorings for connecting or anchoring pumps or pumping devices to parts of the patient's body	
N	A61M 60/863	4	Apex rings	
N	A61M 60/865	3	Devices for guiding or inserting pumps or pumping devices into the patient's body	
N	A61M 60/867	4	using position detection during deployment, e.g. for blood pumps mounted on and driven through a catheter	
N	A61M 60/869	3	Compliance chambers containing a gas or liquid other than blood to compensate volume variations of a blood chamber	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
Q	A61M 60/871	3	Energy supply devices; Converters therefor	A61M 60/871 A61M 60/873 A61M 60/875 A61M 60/876 A61M 60/878 A61M 60/88 A61M 60/882 A61M 60/884 A61M 60/886 A61M 60/888
N	A61M 60/873	4	specially adapted for wireless or transcutaneous energy transfer [TET], e.g. inductive charging	
N	A61M 60/875	5	specially adapted for optimising alignment of external and implantable coils	
N	A61M 60/876	4	Implantable batteries	
N	A61M 60/878	4	Electrical connections within the patient's body	
N	A61M 60/88	4	Percutaneous cables	
N	A61M 60/882	4	Devices powered by the patient, e.g. skeletal muscle powered devices	
N	A61M 60/884	3	being associated to additional implantable blood treating devices	
N	A61M 60/886	4	Blood oxygenators	
N	A61M 60/888	4	Blood filters	
N	A61M 60/89	3	Valves	
N	A61M 60/892	4	Active valves, i.e. actuated by an external force	
N	A61M 60/894	4	Passive valves, i.e. valves actuated by the blood	
N	A61M 60/896	5	having flexible or resilient parts, e.g. flap valves	
N	A61M 60/898	4	the blood pump being a membrane blood pump and the membrane acting as inlet valve	
N	A61M 60/90	1	Details not provided for in groups A61M 60/40, A61M 60/50 or A61M 60/80	

\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

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#### NOTES:

- \*\*No { curly brackets } are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The { curly brackets } are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

**SUBCLASS A61M - SUBCLASS A61M - DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/26; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M 60/00		Group A61M 60/00 is impacted by reclassification into groups A61M 60/10 - A61M 60/90. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/10		Groups A61M 60/10, A61M 60/104, A61M 60/109, A61M 60/113, and A61M 60/117 are incomplete pending reclassification of documents from group A61M 60/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/122		Group A61M 60/122 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/122 is also impacted by reclassification into groups A61M 60/126 - A61M 60/196. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/126		Groups A61M 60/126, A61M 60/13, A61M 60/148, A61M 60/152, A61M 60/157, and A61M 60/161 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/122. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/135		Group A61M 60/135 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/122. Group A61M 60/135 is also impacted by reclassification into groups A61M 60/139 and A61M 60/143. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/139		Group A61M 60/139 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/122, and A61M 60/135. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/143		Group A61M 60/143 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/122, and A61M 60/135. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/165		Groups A61M 60/165, A61M 60/178, A61M 60/183, A61M 60/187, and A61M 60/191 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/122. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/17		Group A61M 60/17 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/122. Group A61M 60/17 is also impacted by reclassification into group A61M 60/174. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/174		Group A61M 60/174 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/122, and A61M 60/17. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/196		Group A61M 60/196 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/122. Groups A61M 60/00, A61M 60/122, and A61M 60/196 should be considered in order to perform a complete search.
N	A61M60/20		Groups A61M 60/20, A61M 60/247, A61M 60/253, A61M 60/289, and A61M 60/295 are incomplete pending reclassification of documents from group A61M 60/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/205		Group A61M 60/205 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/205 is also impacted by reclassification into groups A61M 60/211 - A61M 60/242, A61M 60/403 - A61M 60/422, and A61M 60/802 - A61M 60/833. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/211		Group A61M 60/211 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/205. Groups A61M 60/00, A61M 60/205, and A61M 60/211 should be considered in order to perform a complete search.
N	A61M60/216		Groups A61M 60/216-A61M 60/242 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/205. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/258		Group A61M 60/258 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/258 is also impacted by reclassification into group A61M 60/263. Groups A61M 60/00, A61M 60/258, and A61M 60/263 should be considered in order to perform a complete search.
N	A61M60/263		Group A61M 60/263 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/258. Groups A61M 60/00, A61M 60/258, and A61M 60/263 should be considered in order to perform a complete search.
N	A61M60/268		Group A61M 60/268 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/268 is also impacted by reclassification into groups A61M 60/274, A61M 60/279, and A61M 60/284. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/274		Group A61M 60/274 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/268. Groups A61M 60/00, A61M 60/268, and A61M 60/274 should be considered in order to perform a complete search.
N	A61M60/279		Groups A61M 60/279 and A61M 60/284 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/268. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/30		Groups A61M 60/30, A61M 60/31, A61M 60/32, A61M 60/33, A61M 60/34, A61M 60/35, A61M 60/36, A61M 60/37, A61M 60/38, and A61M 60/39 are incomplete pending reclassification of documents from group A61M 60/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/40		Group A61M 60/40 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/40 is also impacted by reclassification into groups A61M 60/403 - A61M 60/497. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/403		Groups A61M 60/403, A61M 60/405, A61M 60/408, A61M 60/411, A61M 60/414, A61M 60/416, A61M 60/419, and A61M 60/422 are incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/205, and A61M 60/40. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/424		Groups A61M 60/424, A61M 60/427, A61M 60/43 - A61M 60/462 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/40. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/465		Groups A61M 60/465-A61M 60/495 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/40. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/497		Group A61M 60/497 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/40. Groups A61M 60/00, A61M 60/40, and A61M 60/497 should be considered in order to perform a complete search.
N	A61M60/50		Group A61M 60/50 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/50 is also impacted by reclassification into groups A61M 60/508 - A61M 60/592. All groups listed in this Warning should be considered in order to perform a complete search.



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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/508		Groups A61M 60/508, A61M 60/515, A61M 60/523, A61M 60/531, A61M 60/538, A61M 60/546, A61M 60/554, and A61M 60/577 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/50. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/562		Group A61M 60/562 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/50. Group A61M 60/562 is also impacted by reclassification into group A61M 60/569. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/569		Group A61M 60/569 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/50, and A61M 60/562. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/585		Group A61M 60/585 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/50. Groups A61M 60/00, A61M 60/50, and A61M 60/585 should be considered in order to perform a complete search.
N	A61M60/592		Group A61M 60/592 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/50. Groups A61M 60/00, A61M 60/50, and A61M 60/592 should be considered in order to perform a complete search.
N	A61M60/80		Groups A61M 60/80, A61M 60/835, A61M 60/837 - A61M 60/898 are incomplete pending reclassification of documents from group A61M 60/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/802		Groups A61M 60/802 - A61M 60/833 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/205. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/818		Group A61M 60/818 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/205. Group A61M 60/818 is also impacted by reclassification into groups A61M 60/82, A61M 60/822, A61M 60/824, and A61M 60/825. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/82		Group A61M 60/82 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/205, and A61M 60/818. Group A61M 60/82 is also impacted by reclassification into group A61M 60/822. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/822		Group A61M 60/822 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/205, A61M 60/818, and A61M 60/82. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/824		Group A61M 60/824 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/205, and A61M 60/818. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/825		Group A61M 60/825 is incomplete pending reclassification of documents from groups A61M 60/00, A61M 60/205, and A61M 60/818. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/857		Group A61M 60/857 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/857 is also impacted by reclassification into group A61M 60/859. Groups A61M 60/00, A61M 60/857, and A61M 60/859 should be considered in order to perform a complete search.
N	A61M60/859		Group A61M 60/859 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/857. Groups A61M 60/00, A61M 60/857, and A61M 60/859 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/871		Group A61M 60/871 is incomplete pending reclassification of documents from group A61M 60/00. Group A61M 60/871 is also impacted by reclassification into groups A61M 60/873 - A61M 60/888. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/873		Groups A61M 60/873 and A61M 60/875 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. All groups listed in this Warning should be considered in order to perform a complete search.
N	A61M60/876		Group A61M 60/876 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. Groups A61M 60/00, A61M 60/871, and A61M 60/876 should be considered in order to perform a complete search.
N	A61M60/878		Group A61M 60/878 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. Groups A61M 60/00, A61M 60/871, and A61M 60/878 should be considered in order to perform a complete search.
N	A61M60/88		Group A61M 60/88 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. Groups A61M 60/00, A61M 60/871, and A61M 60/88 should be considered in order to perform a complete search.
N	A61M60/882		Group A61M 60/882 is incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. Groups A61M 60/00, A61M 60/871, and A61M 60/882 should be considered in order to perform a complete search.
N	A61M60/884		Groups A61M 60/884-A61M 60/888 are incomplete pending reclassification of documents from groups A61M 60/00 and A61M 60/871. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	A61M60/90		Group A61M 60/90 is incomplete pending reclassification of documents from group A61M 60/00. Groups A61M 60/00 and A61M 60/90 should be considered in order to perform a complete search.

\*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)

**SUBCLASS A61M - SUBCLASS A61M - DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/26; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	A61M 60/00		<p><u>Insert</u> the following <u>new</u> note.</p> <p>In this main group, it is obligatory to classify all aspects of location, type, medical purpose, driving details, control details, and constructional details other than driving details that are represented in groups A61M 60/10, A61M 60/20, A61M 60/30, A61M 60/40, A61M 60/50 and A61M 60/80. This obligation extends to information that would normally only be considered as additional information.</p>

\*N = new note, M = modified note, D = deleted note

NOTE: The “Location” column only requires the symbol PRIOR to the location of the note. No further directions such as “before” or “after” are required.

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D. New, Modified or Deleted Guidance Heading(s)

**SUBCLASS A61F - FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES; DEVICES PROVIDING PATENCY TO, OR PREVENTING COLLAPSING OF, TUBULAR STRUCTURES OF THE BODY**

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>New/Modified Guidance Heading</u>
D	A61F 2/00 - A61F 4/00	Filters; Devices providing patency to tubular structures; Prostheses; Accessories	<u>Delete</u> the existing Guidance Heading.

\*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

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## 2. A. DEFINITIONS (new)

Insert the following new definitions.

### A61M60/00

#### Definition statement

*This place covers:*

Blood pumps, implantable or extracorporeal, as well as devices for mechanical circulatory actuation, e.g. a harness rhythmically squeezing the heart, as well as balloon-like elements, implantable in the heart or vessel structure, which can be expanded or collapsed to assist the heart. They can be used for various medical purposes (e.g. enhancing renal perfusion). This group also covers their various details (e.g. speed control, magnetic drive coupling, and shape of impeller blades).

#### References

#### Limiting references

*This place does not cover:*

Heart stimulation	<a href="#">A61H31/00</a>
Heart stimulators for electrotherapy	<a href="#">A61N1/362</a>

#### Special rules of classification

In this main group, it is obligatory to classify all aspects of location, type, medical purpose, driving details, control details, and constructional details other than driving that are represented in groups A61M 60/10, A61M 60/20, A61M 60/30, A61M 60/40, A61M 60/50 and A61M 60/80. This obligation extends to information that would normally only be considered as additional information.

The following example is to clarify: a catheter-based intravascularly inserted axial flow pump for renal perfusion, driven by a cable rotated by an electromotor, with the impeller supported by a pivot bearing, and the pump being controlled for pulsatile operation synchronous with the heart.

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The following aspects are identified:

- A. Location: Implantable by means of a catheter via a blood vessel; e.g. temporarily introduced.
- B. Type: A non-positive displacement, axial flow type pump.
- C. Medical purpose: For perfusion of the kidneys.
- D. Is driven by: A rotating cable.
- E. Is controlled to: Pump in a pulsating fashion; synchronous with the patient heart beat), and
- F. Has some further constructional details (relating to a contact bearing).

These aspects must be classified in (the appropriate subgroups of) groups:

- A. A61M 60/10
- B. A61M 60/20
- C. A61M 60/30
- D. A61M 60/40
- E. A61M 60/50
- F. A61M 60/80

Aspect #	Aspect	(Sub)group
A	Location (implantable; blood vessel; catheter)	A61M60/13
B	Type (non-positive displacement; impeller; axial flow)	A61M60/237
C	Medical purpose (in vivo organ perfusion; kidneys)	A61M60/33
D	Driving details (mechanical force acting on impeller; generated by electromotor; transmitted by rotating cable)	A61M60/414
E	Control details (for making flow pulsatile; synchronous with native hear beat)	A61M60/569
F	Other constructional details (bearings; contact bearings)	A61M60/825



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## **A61M60/205**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Electric motors	<a href="#">H02K</a>
-----------------	----------------------

## **A61M60/268**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Constructive details of valves therefor	<a href="#">A61F2/24</a>
---	--------------------------

## **A61M60/40**

### **Definition statement**

*This place covers:*

Drive systems therefor, e.g. mechanically, electromechanically or skeletal muscle drive means.

## **A61M60/50**

### **Definition statement**

*This place covers:*

Electronical or mechanical regulation or controlling systems for any type of blood pumps.

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**A61M60/871**

**Definition statement**

*This place covers:*

Energy supply devices and converters therefor for all types of blood pumps.

**References**

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Telemetry, communication with implanted devices	<a href="#">A61M 2205/3507</a>
---	--------------------------------

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## 2. A. DEFINITIONS (modified)

Modify the following definitions.

### A61F2/00

#### Limiting references

Replace: In the existing “Limiting references” table the symbol “A61M1/10” with this symbol “A61M60/00” as shown in the row below.

Artificial hearts	<a href="#">A61M60/00</a>
-------------------	---------------------------

### A61F2/2481

#### Limiting references

Delete: The entire existing “Limiting references” section.

Insert: The following new “Informative references” section.

#### References

##### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Active ventricular assist devices, i.e. heartbags with motor	<a href="#">A61M60/268</a>
--	----------------------------

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## A61H31/00

### Limiting references

Delete: The following existing row from the “Limiting references” table.

Blood pumps	<a href="#">A61M 1/10</a>
-------------	---------------------------

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Blood pumps	<a href="#">A61M60/00</a>
-------------	---------------------------

## A61L27/00

### Limiting references

Delete: The following entire existing reference from the “Limiting references” table.

Artificial hearts	<a href="#">A61M 1/10</a>
-------------------	---------------------------

### Informative references

Insert: The following new reference in the existing “Informative references” table.

Artificial hearts	<a href="#">A61M60/00</a>
-------------------	---------------------------

## A61M25/1018

### Limiting references

Replace: The two existing references /rows in the existing “Limiting references” table with the following new reference.

Active ventricular assist devices, i.e. heartbags with motor	<a href="#">A61M60/268</a>
--	----------------------------

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Insert: The following new “Informative references” section.

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Inside a blood vessel, e.g. using grafting	<a href="#">A61M60/135</a>
--	----------------------------

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference</u> <u>symbol or text</u>	<u>Action; New symbol; New text</u>
A61M 1/10			<u>Delete</u> the entire definition.
A61M 1/101			<u>Delete</u> the entire definition.
A61M 1/1037			<u>Delete</u> the entire definition.
A61M 1/1046			<u>Delete</u> the entire definition.
A61M 1/1053			<u>Delete</u> the entire definition.
A61M 1/1067			<u>Delete</u> the entire definition.
A61M 1/1068			<u>Delete</u> the entire definition.
A61M 1/107			<u>Delete</u> the entire definition.
A61M 1/1072			<u>Delete</u> the entire definition.
A61M 1/1086			<u>Delete</u> the entire definition.
A61M 1/12			<u>Delete</u> the entire definition.
A61M 1/127			<u>Delete</u> the entire definition.

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	A61M 1/10	<Administrative transfer to A61M 60/00>
D	A61M 1/1001	<Administrative transfer to A61M 60/00>
D	A61M 1/1003	<Administrative transfer to A61M 60/882>
D	A61M 1/1005	<Administrative transfer to A61M 60/562>
D	A61M 1/1006	<Administrative transfer to A61M 60/113>
D	A61M 1/1008	<Administrative transfer to A61M 60/857>
D	A61M 1/101	<Administrative transfer to A61M 60/205>
D	A61M 1/1012	<Administrative transfer to A61M 60/205>
D	A61M 1/1013	<Administrative transfer to A61M 60/818>
D	A61M 1/1015	<Administrative transfer to A61M 60/82>
D	A61M 1/1017	<Administrative transfer to A61M 60/824>
D	A61M 1/1018	<Administrative transfer to A61M 60/833>
D	A61M 1/102	<Administrative transfer to A61M 60/829>
D	A61M 1/1022	<Administrative transfer to A61M 60/831>
D	A61M 1/1024	<Administrative transfer to A61M 60/205>
D	A61M 1/1025	<Administrative transfer to A61M 60/205>
D	A61M 1/1029	<Administrative transfer to A61M 60/40>
D	A61M 1/1031	<Administrative transfer to A61M 60/422>
D	A61M 1/1032	<Administrative transfer to A61M 60/405>
D	A61M 1/1034	<Administrative transfer to A61M 60/414>
D	A61M 1/1036	<Administrative transfer to A61M 60/419>
D	A61M 1/1037	<Administrative transfer to A61M 60/268>
D	A61M 1/1039	<Administrative transfer to A61M 60/279>
D	A61M 1/1041	<Administrative transfer to A61M 60/284>
D	A61M 1/1043	<Administrative transfer to A61M 60/268>
D	A61M 1/1044	<Administrative transfer to A61M 60/869>
D	A61M 1/1046	<Administrative transfer to A61M 60/40>
D	A61M 1/1048	<Administrative transfer to A61M 60/40>
D	A61M 1/1049	<Administrative transfer to A61M 60/40>
D	A61M 1/1051	<Administrative transfer to A61M 60/40>
D	A61M 1/1053	<Administrative transfer to A61M 60/40>
D	A61M 1/1055	<Administrative transfer to A61M 60/40>
D	A61M 1/1056	<Administrative transfer to A61M 60/40>
D	A61M 1/1058	<Administrative transfer to A61M 60/40>
D	A61M 1/106	<Administrative transfer to A61M 60/40>
D	A61M 1/1062	<Administrative transfer to A61M 60/43>
D	A61M 1/1063	<Administrative transfer to A61M 60/432>
D	A61M 1/1065	<Administrative transfer to A61M 60/435>
D	A61M 1/1067	<Administrative transfer to A61M 60/268>
D	A61M 1/1068	<Administrative transfer to A61M 60/268>
D	A61M 1/107	<Administrative transfer to A61M 60/274>
D	A61M 1/1072	<Administrative transfer to A61M 60/135>
D	A61M 1/1074	<Administrative transfer to A61M 60/17>
D	A61M 1/1075	<Administrative transfer to A61M 60/898>
D	A61M 1/1081	<Administrative transfer to A61M 60/258>
D	A61M 1/1082	<Administrative transfer to A61M 60/577>

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D	A61M 1/1084	<Administrative transfer to A61M 60/211>
D	A61M 1/1086	<Administrative transfer to A61M 60/50>
D	A61M 1/1087	<Administrative transfer to A61M 60/892>
D	A61M 1/1089	<Administrative transfer to A61M 60/892>
D	A61M 1/1096	<Administrative transfer to A61M 60/894>
D	A61M 1/1098	<Administrative transfer to A61M 60/896>
D	A61M 1/12	<Administrative transfer to A61M 60/122>
D	A61M 1/122	<Administrative transfer to A61M 60/148>
D	A61M 1/125	<Administrative transfer to A61M 60/135>
D	A61M 1/127	<Administrative transfer to A61M 60/871>
Q	A61M 60/00	A61M 60/00, A61M 60/10, A61M 60/104, A61M 60/109, A61M 60/113, A61M 60/117, A61M 60/122, A61M 60/126, A61M 60/13, A61M 60/135, A61M 60/139, A61M 60/143, A61M 60/148, A61M 60/152, A61M 60/157, A61M 60/161, A61M 60/165, A61M 60/17, A61M 60/174, A61M 60/178, A61M 60/183, A61M 60/187, A61M 60/191, A61M 60/196, A61M 60/20, A61M 60/205, A61M 60/211, A61M 60/216, A61M 60/221, A61M 60/226, A61M 60/232, A61M 60/237, A61M 60/242, A61M 60/247, A61M 60/253, A61M 60/258, A61M 60/263, A61M 60/268, A61M 60/274, A61M 60/279, A61M 60/284, A61M 60/289, A61M 60/295, A61M 60/30, A61M 60/31, A61M 60/32, A61M 60/33, A61M 60/34, A61M 60/35, A61M 60/36, A61M 60/37, A61M 60/38, A61M 60/39, A61M 60/40, A61M 60/403, A61M 60/405, A61M 60/408, A61M 60/411, A61M 60/414, A61M 60/416, A61M 60/419, A61M 60/422, A61M 60/424, A61M 60/427, A61M 60/43, A61M 60/432, A61M 60/435, A61M 60/438, A61M 60/441, A61M 60/443, A61M 60/446, A61M 60/449, A61M 60/451, A61M 60/454, A61M 60/457, A61M 60/459, A61M 60/462, A61M 60/465, A61M 60/468, A61M 60/47, A61M 60/473, A61M 60/476, A61M 60/478, A61M 60/481, A61M 60/484, A61M 60/486, A61M 60/489, A61M 60/492, A61M 60/495, A61M 60/497, A61M 60/50, A61M 60/508, A61M 60/515, A61M 60/523, A61M 60/531, A61M 60/538, A61M 60/546, A61M 60/554, A61M 60/562, A61M 60/569, A61M 60/577, A61M 60/585, A61M 60/592, A61M 60/80, A61M 60/802, A61M 60/804, A61M 60/806, A61M 60/808, A61M 60/81, A61M 60/812, A61M 60/814, A61M 60/816, A61M 60/818, A61M 60/82, A61M 60/822, A61M 60/824, A61M 60/825, A61M 60/827, A61M 60/829, A61M 60/831, A61M 60/833, A61M 60/835, A61M 60/837, A61M 60/839, A61M 60/841, A61M 60/843, A61M 60/845, A61M 60/847, A61M 60/849, A61M 60/851, A61M 60/853, A61M 60/855, A61M 60/857, A61M 60/859, A61M 60/861, A61M 60/863, A61M 60/865, A61M 60/867, A61M 60/869, A61M 60/871, A61M 60/873, A61M 60/875, A61M 60/876, A61M 60/878, A61M 60/88, A61M 60/882, A61M 60/884, A61M 60/886, A61M 60/888, A61M 60/89, A61M 60/892, A61M 60/894, A61M 60/896, A61M 60/898, A61M 60/90



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<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
Q	A61M 60/122	A61M 60/122, A61M 60/126, A61M 60/13, A61M 60/135, A61M 60/139, A61M 60/143, A61M 60/148, A61M 60/152, A61M 60/157, A61M 60/161, A61M 60/165, A61M 60/17, A61M 60/174, A61M 60/178, A61M 60/183, A61M 60/187, A61M 60/191, A61M 60/196
Q	A61M 60/135	A61M 60/135, A61M 60/139, A61M 60/143
Q	A61M 60/17	A61M 60/17, A61M 60/174
Q	A61M 60/205	A61M 60/205, A61M 60/211, A61M 60/216, A61M 60/221, A61M 60/226, A61M 60/232, A61M 60/237, A61M 60/242, A61M 60/403, A61M 60/405, A61M 60/408, A61M 60/411, A61M 60/414, A61M 60/416, A61M 60/419, A61M 60/422, A61M 60/802, A61M 60/804, A61M 60/806, A61M 60/808, A61M 60/81, A61M 60/812, A61M 60/814, A61M 60/816, A61M 60/818, A61M 60/82, A61M 60/822, A61M 60/824, A61M 60/825, A61M 60/827, A61M 60/829, A61M 60/831, A61M 60/833
Q	A61M 60/258	A61M 60/258, A61M 60/263
Q	A61M 60/268	A61M 60/268, A61M 60/274, A61M 60/279, A61M 60/284
Q	A61M 60/40	A61M 60/40, A61M 60/403, A61M 60/405, A61M 60/408, A61M 60/411, A61M 60/414, A61M 60/416, A61M 60/419, A61M 60/422, A61M 60/424, A61M 60/427, A61M 60/43, A61M 60/432, A61M 60/435, A61M 60/438, A61M 60/441, A61M 60/443, A61M 60/446, A61M 60/449, A61M 60/451, A61M 60/454, A61M 60/457, A61M 60/459, A61M 60/462, A61M 60/465, A61M 60/468, A61M 60/47, A61M 60/473, A61M 60/476, A61M 60/478, A61M 60/481, A61M 60/484, A61M 60/486, A61M 60/489, A61M 60/492, A61M 60/495, A61M 60/497
Q	A61M 60/50	A61M 60/50, A61M 60/508, A61M 60/515, A61M 60/523, A61M 60/531, A61M 60/538, A61M 60/546, A61M 60/554, A61M 60/562, A61M 60/569, A61M 60/577, A61M 60/585, A61M 60/592
Q	A61M 60/562	A61M 60/569, A61M 60/562
Q	A61M 60/818	A61M 60/818, A61M 60/82, A61M 60/822, A61M 60/824, A61M 60/825
Q	A61M 60/82	A61M 60/82, A61M 60/822
Q	A61M 60/857	A61M 60/857, A61M 60/859
Q	A61M 60/871	A61M 60/871, A61M 60/873, A61M 60/875, A61M 60/876, A61M 60/878, A61M 60/88, A61M 60/882, A61M 60/884, A61M 60/886, A61M 60/888

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

## NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.

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- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<b><u>CPC</u></b>	<b><u>IPC</u></b>	<b><u>Action*</u></b>
A61M 1/10		DELETE
A61M 1/1001		DELETE
A61M 1/1003		DELETE
A61M 1/1005		DELETE
A61M 1/1006		DELETE
A61M 1/1008		DELETE
A61M 1/101		DELETE
A61M 1/1012		DELETE
A61M 1/1013		DELETE
A61M 1/1015		DELETE
A61M 1/1017		DELETE
A61M 1/1018		DELETE
A61M 1/102		DELETE
A61M 1/1022		DELETE
A61M 1/1024		DELETE
A61M 1/1025		DELETE
A61M 1/1029		DELETE
A61M 1/1031		DELETE
A61M 1/1032		DELETE
A61M 1/1034		DELETE
A61M 1/1036		DELETE
A61M 1/1037		DELETE
A61M 1/1039		DELETE
A61M 1/1041		DELETE
A61M 1/1043		DELETE
A61M 1/1044		DELETE
A61M 1/1046		DELETE
A61M 1/1048		DELETE
A61M 1/1049		DELETE
A61M 1/1051		DELETE
A61M 1/1053		DELETE
A61M 1/1055		DELETE
A61M 1/1056		DELETE
A61M 1/1058		DELETE
A61M 1/106		DELETE
A61M 1/1062		DELETE
A61M 1/1063		DELETE
A61M 1/1065		DELETE
A61M 1/1067		DELETE
A61M 1/1068		DELETE
A61M 1/107		DELETE
A61M 1/1072		DELETE
A61M 1/1074		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 1/1075		DELETE
A61M 1/1081		DELETE
A61M 1/1082		DELETE
A61M 1/1084		DELETE
A61M 1/1086		DELETE
A61M 1/1087		DELETE
A61M 1/1089		DELETE
A61M 1/1096		DELETE
A61M 1/1098		DELETE
A61M 1/12		DELETE
A61M 1/122		DELETE
A61M 1/125		DELETE
A61M 1/127		DELETE
A61M 60/00	A61M 60/00	NEW
A61M 60/10	A61M 60/10	NEW
A61M 60/104	A61M 60/104	NEW
A61M 60/109	A61M 60/109	NEW
A61M 60/113	A61M 60/113	NEW
A61M 60/117	A61M 60/117	NEW
A61M 60/122	A61M 60/122	NEW
A61M 60/126	A61M 60/126	NEW
A61M 60/13	A61M 60/13	NEW
A61M 60/135	A61M 60/135	NEW
A61M 60/139	A61M 60/139	NEW
A61M 60/143	A61M 60/143	NEW
A61M 60/148	A61M 60/148	NEW
A61M 60/152	A61M 60/152	NEW
A61M 60/157	A61M 60/157	NEW
A61M 60/161	A61M 60/161	NEW
A61M 60/165	A61M 60/165	NEW
A61M 60/17	A61M 60/17	NEW
A61M 60/174	A61M 60/174	NEW
A61M 60/178	A61M 60/178	NEW
A61M 60/183	A61M 60/183	NEW
A61M 60/187	A61M 60/187	NEW
A61M 60/191	A61M 60/191	NEW
A61M 60/196	A61M 60/196	NEW
A61M 60/20	A61M 60/20	NEW
A61M 60/205	A61M 60/205	NEW
A61M 60/211	A61M 60/211	NEW
A61M 60/216	A61M 60/216	NEW
A61M 60/221	A61M 60/221	NEW
A61M 60/226	A61M 60/226	NEW
A61M 60/232	A61M 60/232	NEW
A61M 60/237	A61M 60/237	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 60/242	A61M 60/242	NEW
A61M 60/247	A61M 60/247	NEW
A61M 60/253	A61M 60/253	NEW
A61M 60/258	A61M 60/258	NEW
A61M 60/263	A61M 60/263	NEW
A61M 60/268	A61M 60/268	NEW
A61M 60/274	A61M 60/274	NEW
A61M 60/279	A61M 60/279	NEW
A61M 60/284	A61M 60/284	NEW
A61M 60/289	A61M 60/289	NEW
A61M 60/295	A61M 60/295	NEW
A61M 60/30	A61M 60/30	NEW
A61M 60/31	A61M 60/31	NEW
A61M 60/32	A61M 60/32	NEW
A61M 60/33	A61M 60/33	NEW
A61M 60/34	A61M 60/34	NEW
A61M 60/35	A61M 60/35	NEW
A61M 60/36	A61M 60/36	NEW
A61M 60/37	A61M 60/37	NEW
A61M 60/38	A61M 60/38	NEW
A61M 60/39	A61M 60/39	NEW
A61M 60/40	A61M 60/40	NEW
A61M 60/403	A61M 60/403	NEW
A61M 60/405	A61M 60/405	NEW
A61M 60/408	A61M 60/408	NEW
A61M 60/411	A61M 60/411	NEW
A61M 60/414	A61M 60/414	NEW
A61M 60/416	A61M 60/416	NEW
A61M 60/419	A61M 60/419	NEW
A61M 60/422	A61M 60/422	NEW
A61M 60/424	A61M 60/424	NEW
A61M 60/427	A61M 60/427	NEW
A61M 60/43	A61M 60/43	NEW
A61M 60/432	A61M 60/432	NEW
A61M 60/435	A61M 60/435	NEW
A61M 60/438	A61M 60/438	NEW
A61M 60/441	A61M 60/441	NEW
A61M 60/443	A61M 60/443	NEW
A61M 60/446	A61M 60/446	NEW
A61M 60/449	A61M 60/449	NEW
A61M 60/451	A61M 60/451	NEW
A61M 60/454	A61M 60/454	NEW
A61M 60/457	A61M 60/457	NEW
A61M 60/459	A61M 60/459	NEW
A61M 60/462	A61M 60/462	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 60/465	A61M 60/465	NEW
A61M 60/468	A61M 60/468	NEW
A61M 60/47	A61M 60/47	NEW
A61M 60/473	A61M 60/473	NEW
A61M 60/476	A61M 60/476	NEW
A61M 60/478	A61M 60/478	NEW
A61M 60/481	A61M 60/481	NEW
A61M 60/484	A61M 60/484	NEW
A61M 60/486	A61M 60/486	NEW
A61M 60/489	A61M 60/489	NEW
A61M 60/492	A61M 60/492	NEW
A61M 60/495	A61M 60/495	NEW
A61M 60/497	A61M 60/497	NEW
A61M 60/50	A61M 60/50	NEW
A61M 60/508	A61M 60/508	NEW
A61M 60/515	A61M 60/515	NEW
A61M 60/523	A61M 60/523	NEW
A61M 60/531	A61M 60/531	NEW
A61M 60/538	A61M 60/538	NEW
A61M 60/546	A61M 60/546	NEW
A61M 60/554	A61M 60/554	NEW
A61M 60/562	A61M 60/562	NEW
A61M 60/569	A61M 60/569	NEW
A61M 60/577	A61M 60/577	NEW
A61M 60/585	A61M 60/585	NEW
A61M 60/592	A61M 60/592	NEW
A61M 60/80	A61M 60/80	NEW
A61M 60/802	A61M 60/802	NEW
A61M 60/804	A61M 60/804	NEW
A61M 60/806	A61M 60/806	NEW
A61M 60/808	A61M 60/808	NEW
A61M 60/81	A61M 60/81	NEW
A61M 60/812	A61M 60/812	NEW
A61M 60/814	A61M 60/814	NEW
A61M 60/816	A61M 60/816	NEW
A61M 60/818	A61M 60/818	NEW
A61M 60/82	A61M 60/82	NEW
A61M 60/822	A61M 60/822	NEW
A61M 60/824	A61M 60/824	NEW
A61M 60/825	A61M 60/825	NEW
A61M 60/827	A61M 60/827	NEW
A61M 60/829	A61M 60/829	NEW
A61M 60/831	A61M 60/831	NEW
A61M 60/833	A61M 60/833	NEW
A61M 60/835	A61M 60/835	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 60/837	A61M 60/837	NEW
A61M 60/839	A61M 60/839	NEW
A61M 60/841	A61M 60/841	NEW
A61M 60/843	A61M 60/843	NEW
A61M 60/845	A61M 60/845	NEW
A61M 60/847	A61M 60/847	NEW
A61M 60/849	A61M 60/849	NEW
A61M 60/851	A61M 60/851	NEW
A61M 60/853	A61M 60/853	NEW
A61M 60/855	A61M 60/855	NEW
A61M 60/857	A61M 60/857	NEW
A61M 60/859	A61M 60/859	NEW
A61M 60/861	A61M 60/861	NEW
A61M 60/863	A61M 60/863	NEW
A61M 60/865	A61M 60/865	NEW
A61M 60/867	A61M 60/867	NEW
A61M 60/869	A61M 60/869	NEW
A61M 60/871	A61M 60/871	NEW
A61M 60/873	A61M 60/873	NEW
A61M 60/875	A61M 60/875	NEW
A61M 60/876	A61M 60/876	NEW
A61M 60/878	A61M 60/878	NEW
A61M 60/88	A61M 60/88	NEW
A61M 60/882	A61M 60/882	NEW
A61M 60/884	A61M 60/884	NEW
A61M 60/886	A61M 60/886	NEW
A61M 60/888	A61M 60/888	NEW
A61M 60/89	A61M 60/89	NEW
A61M 60/892	A61M 60/892	NEW
A61M 60/894	A61M 60/894	NEW
A61M 60/896	A61M 60/896	NEW
A61M 60/898	A61M 60/898	NEW
A61M 60/90	A61M 60/90	NEW

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
A61M1/0066	A61M1/10	A61M60/00

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A61B2017/048	A61M1/1068	Informative references	A61M60/268
A61F2/24	A61M1/127	Application-oriented references	A61M60/871
A61H	A61M1/10	Informative references	A61M60/00
A61M1/0066	A61M1/10	Limiting references	A61M60/00
A61N	A61M1/12	Informative references	A61M60/122
F16C32/04	A61M1/10	Application-oriented references	A61M60/00

NOTES:

- The CRL tables above are used for changes to locations outside of the project scope. Changes to references in scheme titles or definitions inside the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.