

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1347

DATE: AUGUST 1, 2022

PROJECT RP10455

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:		
	B07C	9/00
	B31C	13/00
	B60D	7/00
	B64G	9/00
	C07G	17/00, 17/002, 17/004, 17/006, 17/008
	H03F	21/00
	H04J	15/00
Symbols New:	A61M	99/00
	B07C	99/00
	B31C	99/00
	B60D	99/00
	B62C	99/00
	B64C	99/00
	B64G	99/00
	B68G	99/00
	C07G	99/00, 99/002, 99/0022, 99/0023, 99/0024
	C09B	46/00
	F01N	99/00
	G06M	15/00
	H02B	99/00
	H02H	99/00
	H03F	99/00
	H04J	99/00
Titles Changed:	A47B	97/00
	A47G	29/00
	A47L	25/00
	B03C	9/00
	B23P	11/00
	C10B	57/00
	C30B	35/00
	D03C	19/00
	D04B	39/00
	D04G	5/00
	E05F	7/00
	E21C	35/00
	F21V	37/00
	F41C	27/00
	G01G	9/00
	G10D	17/00
	H05C	3/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Warnings Modified:	A61M	
	C09B	
	G06M	
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	B07C	9/00
	B60D	7/00
	B64G	9/00
	C07G	17/00
	H03F	21/00
Definitions New:	B07C	99/00
	B60D	99/00
	B64G	99/00
	C07G	99/00
	H03F	99/00
Definitions Modified:	A47G	29/00
	A47L	25/00
	B03C	9/00
	B23P	11/00
	E05F	7/00
	E21C	35/00
	F41C	27/00

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): B07C5/12; B31F7/00; E04B1/19; G01N33/98; H03F3/00

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)

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5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS A47B – TABLES; DESKS; OFFICE FURNITURE; CABINETS; DRAWERS; GENERAL DETAILS OF FURNITURE (furniture jointing F16B)

<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	A47B 97/00	0	Furniture or accessories for furniture, not provided for in other groups of this subclass	

SUBCLASS A47G- HOUSEHOLD OR TABLE EQUIPMENT (book-ends A47B 5/00; knives B26B)

<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	A47G 29/00	0	Supports, holders, or containers for household use, not provided for in groups A47G 1/00- A47G 27/00 or A47G 33/00 (for fastening kitchen utensils A47J 45/00; for drying towels A47K 10/04; stands, racks or the like for airing beds, garments or the like, clothes, drying devices D06F 57/00)	

SUBCLASS A47L - DOMESTIC WASHING OR CLEANING (brushes A46B; cleaning quantities of bottles or of other hollow articles of one kind B08B 9/00; laundry D06F); SUCTION CLEANERS IN GENERAL (cleaning in general B08)

<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	A47L25/00	0	Domestic cleaning devices not provided for in other groups of this subclass (for cleaning spectacles G02C 13/00)	

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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** {(Electrotherapy, e.g. producing anaesthesia by the use of alternating or intermittent currents A61N 1/36021)}

<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>
U	A61M 60/90	1	Details not provided for in groups A61M60/40, A61M60/50 or A61M60/80	
N	A61M99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS B03C - MAGNETIC OR ELECTROSTATIC SEPARATION OF SOLID MATERIALS FROM SOLID MATERIALS OR FLUIDS; SEPARATION BY HIGH-VOLTAGE ELECTRIC FIELDS (filters making use of electricity or magnetism B01D 35/06; separating isotopes B01D 59/00; combinations of magnetic or electrostatic separation with separation of solids by other means B03B, B07B; separating sheets from piles B65H3/00; magnets or magnet coils per se H01F)

<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	B03C9/00	0	Electrostatic separation not provided for in any single one of the other main groups of this subclass	

SUBCLASS B07C - POSTAL SORTING; SORTING INDIVIDUAL ARTICLES, OR BULK MATERIAL FIT TO BE SORTED PIECE-MEAL, e.g. BY PICKING (specially adapted for a specific purpose covered by another class, see the relevant place, e.g. A43D 33/06, B23Q 7/12)

<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>
D	B07C9/00	0	{Sorting, with or without orientating, not otherwise provided for, e.g. sorting of table equipment (washing and rinsing machines for tableware A47L15/00, A47L15/02; machines for polishing table equipment A47L21/02)}	<administrative transfer to B07C99/00>
U	B07C 7/04	1	Apparatus or accessories for hand picking	

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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>
N	B07C99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS B23P - METAL-WORKING NOT OTHERWISE PROVIDED FOR; COMBINED OPERATIONS; UNIVERSAL MACHINE TOOLS (arrangements for copying or controlling B23Q)

<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	B23P11/00	0	Connecting or disconnecting metal parts or objects by metal-working techniques not otherwise provided for (connecting sheet metal or metal tubes, rods or profiles B21D 39/00; riveting B21J; soldering, unsoldering, welding B23K; hand tools for connecting wire or strip B25B 25/00; connecting metal parts by adhesives F16B 11/00)	

SUBCLASS B31C - MAKING WOUND ARTICLES, e.g. WOUND TUBES, OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER

<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	B31C13/00	0	{Making wound articles not otherwise provided for}	<administrative transfer to B31C99/00>
U	B31C 11/06	1	for drying the wound and impregnated articles	
N	B31C99/00	0	Subject matter not provided for in other groups of this subclass	

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SUBCLASS B60D - VEHICLE CONNECTIONS (components of brake systems B60T 17/04)

<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>
D	B60D7/00	0	{Other connections }	<administrative transfer to B60D99/00>
U	B60D 5/006	1	{Pass ages between articulated vehicles, e.g. bridges or rotating plates }	
N	B60D99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS B62C - VEHICLES DRAWN BY ANIMALS

<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>
U	B62C 11/04	2	combined with automatic braking	
N	B62C99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS B64C - AEROPLANES; HELICOPTERS (air-cushion vehicles B60V)

<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>
U	B64C 39/12	1	Canard-type aircraft	
N	B64C99/00	0	Subject matter not provided for in other groups of this subclass	

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SUBCLASS B64G - COSMONAUTICS; VEHICLES OR EQUIPMENT THEREFOR (apparatus for, or methods of, winning materials from extraterrestrial sources E21C 51/00)

<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>
D	B64G9/00	0	{Cosmonautics not otherwise provided for}	<administrative transfer to B64G99/00>
U	B64G 2007/005	1	{Space simulation vacuum chambers }	
N	B64G99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS B68G - METHODS, EQUIPMENT, OR MACHINES FOR USE IN UPHOLSTERING; UPHOLSTERY NOT OTHERWISE PROVIDED FOR

<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>
U	B68G 15/005	1	{Worktables or workframes }	
N	B68G99/00	0	Subject matter not provided for in other groups of this subclass	

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SUBCLASS C07G - COMPOUNDS OF UNKNOWN CONSTITUTION

<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	C07G17/00	0	{Other compounds of unknown constitution}	<administrative transfer to C07G99/00>
D	C07G17/002	1	{containing sulfur}	<administrative transfer to C07G99/002>
D	C07G17/004	2	{derived from hydrocarbons}	<administrative transfer to C07G99/0022>
D	C07G17/006	3	{the hydrocarbons being a terpene fraction}	<administrative transfer to C07G99/0023>
D	C07G17/008	2	{Overbased compounds}	<administrative transfer to C07G99/0024>
U	C07G 15/00	0	Hormones	
N	C07G99/00	0	Subject matter not provided for in other groups of this subclass	
N	C07G99/002	1	{Compounds of unknown constitution containing sulfur}	
N	C07G99/0022	2	{derived from hydrocarbons}	
N	C07G99/0023	3	{the hydrocarbons being a terpene fraction}	
N	C07G99/0024	2	{Overbased compounds}	

SUBCLASS C09B - ORGANIC DYES OR CLOSELY-RELATED COMPOUNDS FOR PRODUCING DYES {, e.g. PIGMENTS}; MORDANTS; LAKES (fermentation or enzyme using processes to synthesise a desired chemical compound C12P)

<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>
U	C09B 45/487	2	{Cobalt complexes}	
N	C09B 46/00	0	Azo dyes not provided for in groups C09B 27/00 - C09B 45/00	

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SUBCLASS C10B - DESTRUCTIVE DISTILLATION OF CARBONAGEOUS MATERIALS FOR PRODUCTION OF GAS, COKE, TAR, OR SIMILAR MATERIALS (cracking oils C10G; underground gasification of minerals E21B 43/295)

<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	C10B 57/00	0	Other carbonising or coking processes; Features of destructive distillation processes in general	

SUBCLASS C30B - SINGLE-CRYSTAL-GROWTH (by using ultra-high pressure, e.g. for the formation of diamonds B01J 3/06); UNIDIRECTIONAL SOLIDIFICATION OF EUTECTIC MATERIAL OR UNIDIRECTIONAL DEMIXING OF EUTECTOID MATERIAL; REFINING BY ZONE-MELTING OF MATERIAL (zone-refining of metals or alloys C22B); PRODUCTION OF A HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE (casting of metals, casting of other substances by the same processes or devices B22D; working of plastics B29; modifying the physical structure of metals or alloys C21D, C22F); SINGLE CRYSTALS OR HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE; AFTER-TREATMENT OF SINGLE CRYSTALS OR A HOMOGENEOUS POLYCRYSTALLINE MATERIAL WITH DEFINED STRUCTURE (for producing semiconductor devices or parts thereof H01L); APPARATUS THEREFOR

<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	C30B35/00	0	Apparatus not otherwise provided for, specially adapted for the growth, production or after-treatment of single crystals or of a homogeneous polycrystalline material with defined structure	

SUBCLASS D03C - SHEDDING MECHANISMS; PATTERN CARDS OR CHAINS; PUNCHING OF CARDS; DESIGNING PATTERNS

<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	D03C19/00	0	Methods or devices concerned with designing or making patterns, not provided for in other groups of this subclass	

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SUBCLASS D04B - KNITTING

<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	D04B39/00	0	Knitting processes, apparatus or machines not otherwise provided for	

SUBCLASS D04G - MAKING NETS BY KNOTTING OF FILAMENTARY MATERIAL; MAKING KNOTTED CARPETS OR TAPESTRIES; KNOTTING NOT OTHERWISE PROVIDED FOR (binding knotters for harvesters A01D 59/04; wire netting B21F; tying articles by knotting B65B; knotting in association with winding or unwinding B65H69/00; knotting in weaving D03J; making nets, carpets, or tapestries by other techniques, see the relevant subclasses)

<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	D04G5/00	0	Knitting not otherwise provided for	

SUBCLASS E05F - DEVICES FOR MOVING WINGS INTO OPEN OR CLOSED POSITION; CHECKS FOR WINGS; WING FITTINGS NOT OTHERWISE PROVIDED FOR, CONCERNED WITH THE FUNCTIONING OF THE WING

<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	E05F7/00	0	Accessories for wings not provided for in other groups of this subclass (specially adapted for furniture A47B 95/00; door-lifters B66F, E04F 21/00; knobs or handles E05B)	

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SUBCLASS E21C - MINING OR QUARRYING

<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	E21C35/00	0	Details of, or accessories for, machines for slitting or completely freeing the mineral from the seam not provided for in groups E21C 25/00 - E21C 33/00, E21C 37/00 or E21C 39/00	

SUBCLASS F01N - GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR MACHINES OR ENGINES IN GENERAL; GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR INTERNAL COMBUSTION ENGINES ({evacuation of fumes from the area where they are produced B08B 15/00; arrangement of exhaust or silencing apparatus on percussive tools B25D 17/12} ; arrangements in connection with gas exhaust of propulsion units in vehicles B60K 13/00, {on ships or other waterborne vessels B63H 21/32, on aircraft B64D 33/04; arrangement of exhaust or silencing apparatus on firearms F41A 21/30; ground installations for reducing aircraft engine or jet noise B64F 1/26; silencers specially adapted for steam engines F01B 31/16; air-intake silencers for gas turbine or jet propulsion plants F02C 7/045; jet pipe or nozzles for jet propulsion plants F02K} ; combustion-air intake silencers specially adapted for, or arranged on, internal-combustion engines F02M 35/00; {combating noise or silencing in positive displacement machines or pumps F04B 39/0027, in rotary-piston machines or pumps F04C 29/06, in non-positive displacement pumps F04D 29/66; means in valves for absorbing noise F16K 47/02; noise absorbers in pipe system F16L 55/02; conducting smoke or fumes from various locations to the outside F23J 11/00; means for preventing or suppressing noise in air-conditioning or ventilation systems F24F 13/24} ; protecting against, or damping, noise in general G10K 11/16)

<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>
U	F01N 13/20	1	having flared outlets, e.g. of fish-tail shape	
N	F01N99/00	0	Subject matter not provided for in other groups of this subclass	

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SUBCLASS F21V- FUNCTIONAL FEATURES OR DETAILS OF LIGHTING DEVICES OR SYSTEMS THEREOF STRUCTURAL COMBINATIONS OF LIGHTING DEVICES WITH OTHER ARTICLES, NOT OTHERWISE PROVIDED FOR

<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	F21V37/00	0	Details of lighting devices employing combustion as light source, not otherwise provided for	

SUBCLASS F41C - SMALL ARMS, e.g. PISTOLS, RIFLES (functional features or details common to both small arms and ordnance, mountings therefor F41A; projecting missiles without use of explosive or combustible propellant charge F41B); ACCESSORIES THEREFOR

<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	F41C27/00	0	Accessories; Details or attachments not otherwise provided for	

SUBCLASS G01G- WEIGHING (sorting by weighing B07C 5/16)

<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	G01G9/00	0	Methods of, or apparatus for, the determination of weight, not provided for in groups G01G 1/00 - G01G 7/00	

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SUBCLASS G06M - COUNTING MECHANISMS; COUNTING OF OBJECTS NOT OTHERWISE PROVIDED FOR (counting by measuring volume or weight of articles to be counted G01F, G01G; computers G06C - G06J; counting electric pulses H03K; counting characters, words or messages in switching networks for transmission of digital information H04L 12/08)

<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>
U	G06M 11/04	2	with provision for distinguishing between different sizes of objects (investigating particle size in general G01N15/00)	
N	G06M 15/00	0	Counting of objects, not otherwise provided for	

SUBCLASS G10D - STRINGED MUSICAL INSTRUMENTS; WIND MUSICAL INSTRUMENTS; ACCORDIONS OR CONCERTINAS; PERCUSSION MUSICAL INSTRUMENTS; AEOLIAN HARPS; SINGING-FLAME MUSICAL INSTRUMENTS; MUSICAL INSTRUMENTS NOT OTHERWISE PROVIDED FOR (organs, harmoniums or similar wind musical instruments with associated blowing apparatus G10B; pianos, harpsichords, spinets or similar stringed musical instruments with one or more keyboards G10C; automatic musical instruments G10F; electrophonic musical instruments in which tones are generated by electromechanical means G10H)

<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	G10D 17/00	0	Aeolian harps; Singing-flame musical instruments	

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SUBCLASS H02B - BOARDS, SUBSTATIONS, OR SWITCHING ARRANGEMENTS FOR THE SUPPLY OR DISTRIBUTION OF ELECTRIC POWER (basic electric elements, their assembly, including the mounting in enclosures or on bases, or the mounting of covers thereon, see the subclasses for such elements, e.g. transformers H01F, switches, fuses H01H, line connectors H01R; installation of lines, cables, or other conductors for supply or distribution H02G)

<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>
U	H02B 15/04	2	consisting of building blocks	
N	H02B 99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS H02H- APPARATUS FOR CONVERSION BETWEEN AC AND AC, BETWEEN AC AND DC, OR BETWEEN DC AND DC, AND FOR USE WITH MAINS OR SIMILAR POWER SUPPLY SYSTEMS; CONVERSION OF DC OR AC INPUT POWER INTO SURGE OUTPUT POWER; CONTROL OR REGULATION THEREOF (systems for regulating electric or magnetic variables in general, e.g. using transformers, reactors or choke coils, combination of such systems with static converters G05F; {digital function or clock generators} for digital computers G06F 1/00, {G06F 1/025, G06F 1/04}; transformers H01F; connection or control of one converter with regard to conjoint operation with a similar or other source of supply H02J; dynamo-electric converters H02K 47/00; controlling transformers, reactors or choke coils, control or regulation of electric motors, generators or dynamo-electric converters H02P; pulse generators H03K; {static converters specially adapted for igniting or operating discharge lamps H05B 41/28})

<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>
U	H02H 11/008	1	{preventing unsafe switching operations in substations (Schaltfehlerschutz)}	
N	H02H 99/00	0	Subject matter not provided for in other groups of this subclass	

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SUBCLASS H03F - AMPLIFIERS (measuring, testing G01R; optical parametric amplifiers G02F; circuit arrangement with secondary emission tubes H01J 43/30; masers, lasers H01S; control of amplification H03G; coupling arrangements independent of the nature of the amplifiers, voltage dividers H03H; amplifiers capable only of dealing with pulses H03K; repeater circuits in transmission lines H04B 3/36, H04B 3/58; application of speech amplifiers in telephonic communication H04M 1/60, H04M 3/40)

<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>
D	H03F 21/00	0	{Amplifiers not covered by groups H03F 3/00 - H03F 19/00 (dynamo-electric amplifiers H02K)}	<administrative transfer to H03F99/00>
U	H03F 19/00	0	Amplifiers using superconductivity effects	
N	H03F 99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS H04J - MULTIPLEX COMMUNICATION (transmission in general H04B; peculiar to transmission of digital information H04L 5/00; systems for the simultaneous or sequential transmission of more than one television signal H04N 7/08; in exchanges H04Q 11/00; stereophonic systems H04S)

<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>
D	H04J 15/00	0	{Multiplex systems not otherwise provided for}	<administrative transfer to H04J99/00>
U	H04J 14/086	2	{Medium access (H04J3/16 takes precedence)}	
N	H04J 99/00	0	Subject matter not provided for in other groups of this subclass	

SUBCLASS H05C - ELECTRIC CIRCUITS OR APPARATUS SPECIALLY DESIGNED FOR USE IN EQUIPMENT FOR KILLING, STUNNING, OR GUIDING LIVING BEINGS (stationary means for catching or killing insects by electric means A01M 1/22; apparatus for the destruction of noxious animals, other than insects, by electricity A01M 19/00; electric traps for animals A01M 23/38; scaring devices for animals A01M 29/00; slaughtering or stunning by electric current A22B 3/06)

<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	H05C3/00	0	Other circuits or apparatus	

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*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.

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 C09B - ORGANIC DYES OR CLOSELY-RELATED COMPOUNDS FOR PRODUCING DYES {, e.g. PIGMENTS}; MORDANTS; LAKES (fermentation or enzyme using processes to synthesise a desired chemical compound C12P)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	A61M	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>A61M1/18 covered by B01D 63/02, B01D 63/04</p> <p>A61M1/20 covered by B01D 63/06</p> <p>A61M1/22 covered by B01D 63/08</p> <p>A61M1/24 covered by B01D 63/10</p> <p>A61M3/04 covered by A61M 3/02</p> <p>A61M5/175 covered by A61M 5/168</p> <p>A61M5/303 covered by A61M 5/30</p> <p>A61M5/307 covered by A61M 5/30</p> <p>A61M25/08 covered by A61M 25/0105</p> <p>A61M25/082 covered by A61M 25/0116</p> <p>A61M25/085 covered by A61M 25/0122</p> <p>A61M25/088 covered by A61M 25/01</p> <p>A61M25/092 covered by A61M 25/0133</p> <p>A61M25/095 covered by A61M 25/01, A61B 5/00, A61N 1/056</p> <p>A61M25/098 covered by A61M 25/0108</p> <p>A61M25/12 covered by A61M 25/10, A61M 29/02</p> <p>A61M25/14 covered by A61M 25/0021</p>	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>A61M1/18 covered by B01D 63/02, B01D 63/04</p> <p>A61M1/20 covered by B01D 63/06</p> <p>A61M1/22 covered by B01D 63/08</p> <p>A61M1/24 covered by B01D 63/10</p> <p>A61M3/04 covered by A61M 3/02</p> <p>A61M5/175 covered by A61M 5/168</p> <p>A61M5/303 covered by A61M 5/30</p> <p>A61M5/307 covered by A61M 5/30</p> <p>A61M25/08 covered by A61M 25/0105</p> <p>A61M25/082 covered by A61M 25/0116</p> <p>A61M25/085 covered by A61M 25/0122</p> <p>A61M25/088 covered by A61M 25/01</p> <p>A61M25/092 covered by A61M 25/0133</p> <p>A61M25/095 covered by A61M 25/01, A61B 5/00, A61N 1/056</p> <p>A61M25/098 covered by A61M 25/0108</p> <p>A61M25/12 covered by A61M 25/10, A61M 29/02</p> <p>A61M25/14 covered by A61M 25/0021</p> <p>A61M25/16 covered by A61M 25/0009</p> <p>A61M25/18 covered by A61M 25/0014</p> <p>A61M29/04 covered by A61M 29/02</p> <p>A61M36/00 covered by A61M 37/0069, A61N 5/10</p> <p>A61M36/02 covered by A61M 37/0069, A61N 5/10</p> <p>A61M36/04 covered by A61M 37/0069, A61N 5/10</p> <p>A61M36/06 covered by A61M 37/0069, A61N 5/10, A61M 15/02</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		<p>A61M25/16 covered by A61M 25/009 A61M25/18 covered by A61M 25/0014 A61M29/04 covered by A61M 29/02 A61M36/00 covered by A61M 37/0069, A61N 5/10 A61M36/02 covered by A61M 37/0069, A61N 5/10 A61M36/06 covered by A61M 37/0069, A61N 5/10, A61M 15/02 A61M36/08 covered by A61M 5/1785 A61M36/10 covered by A61M 37/0069, A61N 5/10 A61M36/12 covered by A61M 37/0069, A61N 5/10 A61M36/14 covered by A61M 37/0069, A61N 5/10 In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.</p>	<p>A61M36/08 covered by A61M 5/1785 A61M36/10 covered by A61M 37/0069, A61N 5/10 A61M36/12 covered by A61M 37/0069, A61N 5/10 A61M36/14 covered by A61M 37/0069, A61N 5/10 2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.</p>
M	C09B	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C09B 23/01 covered by C09B 23/0008 - C09B 23/0091 C09B 29/01 covered by C09B 29/0003 - C09B 29/0022 C09B 29/03 covered by C09B 29/0007 C09B 29/033 covered by C09B 29/0025 C09B 29/036 covered by C09B 29/0029 C09B 29/039 covered by C09B 29/0074 - C09B 29/0081</p>	<p><u>Delete:</u> The following line from the warning: C09B 46/00 covered by C09B 27/00 - C09B 45/00</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		C09B 29/042 covered by C09B 29/0085 C09B 29/045 covered by C09B 29/0088 C09B 29/048 covered by C09B 29/0092 C09B 29/085 covered by C09B 29/0003, C09B 29/0801 - C09B 29/0848 C09B 29/09 covered by C09B 29/0025, C09B 29/0801 - C09B 29/0848 C09B 29/15 covered by C09B 29/103 C09B 29/40 covered by C09B 29/3608 - C09B 29/3613 C09B 29/42 covered by C09B 29/3617 - C09B 29/3639 C09B 29/44 covered by C09B 29/3643 C09B 29/46 covered by C09B 29/3652 C09B 29/48 covered by C09B 29/3656 C09B 29/50 covered by C09B 29/366 C09B 29/52 covered by C09B 29/3665 C09B 33/13 covered by C09B 33/12 C09B 46/00 covered by C09B 27/00 - C09B 45/00 C09B 67/02 covered by C09B 67/0097 C09B 67/04 covered by C09B 67/0001 C09B 67/06 covered by C09B 67/0003 C09B 67/08 covered by C09B 67/0004 C09B 67/10 covered by C09B 67/0014 C09B 67/12 covered by C09B 67/0016 C09B 67/14 covered by C09B 67/0017 C09B 67/16 covered by C09B 67/0019	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		C09B 67/18 covered by C09B 67/002 C09B 67/20 covered by C09B 67/006 C09B 67/22 covered by C09B 67/0033 C09B 67/24 covered by C09B 67/0072 C09B 67/26 covered by C09B 67/0073 C09B 67/28 covered by C09B 67/0077 C09B 67/30 covered by C09B 67/0078 C09B 67/32 covered by C09B 67/0075 C09B 67/34 covered by C09B 67/0076 C09B 67/36 covered by C09B 67/0079 C09B 67/38 covered by C09B 67/008 C09B 67/40 covered by C09B 67/0082 C09B 67/42 covered by C09B 67/0071 C09B 67/44 covered by C09B 67/0083 C09B 67/46 covered by C09B 67/0084 C09B 67/48 covered by C09B 67/0025 C09B 67/50 covered by C09B 67/0026 C09B 67/52 covered by C09B 67/0027 C09B 67/54 covered by C09B 67/0096	
M	G06M	1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: G06M 15/00 covered by G06M 1/00 - G06M 11/00 2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	<u>Replace</u> existing Notes 1 and 2 with the following Note: { In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme. }

2. A. DEFINITIONS (new)

Insert: The following new Definitions.

B07C 99/00

Definition statement

This place covers:

Sorting, with or without orientating, not otherwise provided for, e.g. sorting of table equipment making use of their magnetic properties or shape.

B60D 99/00

Definition statement

This place covers:

Connections not otherwise provided for like temporary vehicle connections which can be connected or unconnected while driving.

B64G 99/00

Definition statement

This place covers:

Space structures, e.g. space frames.

Special rules of classification

Inflatable space structures are to be classified in B64G2001/224.

High-frequency vibration effects on spacecraft structures are to be classified in B64G2001/228.

Modular space systems are classified as additional information in B64G2001/1092.

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C07G 99/00

Definition statement

This place covers:

Compounds of unknown structure not falling within C07G 1/00 - C07G 15/00.

H03F 99/00

Definition statement

This place covers:

Amplifiers not covered elsewhere, e.g. relying on radioactivity or using esoteric semiconductor structures.

2. A. DEFINITIONS (modified)

A47G 29/00

Definition statement

This place covers:

Replace: The existing Definition statement text with the following updated text.

Household or hotel supports, holders, or containers when not provided otherwise.

Insert: The following new Relationships with other classification places section.

Relationships with other classification places

- Kitchen supports, holders or containers are to be classified in the appropriate groups of subclass [A47J](#),
- Shop supports, holders or containers are to be classified in the appropriate groups of subclass [A47F](#),
- Bathroom supports, holders or containers are to be classified in the appropriate groups of subclass [A47K](#),
- Furniture is to be classified in the appropriate groups of subclasses [A47B](#) or [A47C](#),
- Cleaning supports, holders or containers are to be classified in the appropriate groups of subclass [A47L](#),
- Supports, holders or containers otherwise provided for e.g. heating/cooling supports, holders or containers are to be classified in the appropriate groups of classes [F24](#) or [F25](#),
- Building supports, holders or containers are to be classified in the appropriate groups of subclass [E04F](#),
- Supports, holders or containers for games are to be classified in the appropriate groups of class [A63F](#),
- Supports, holders or containers for toys are to be classified in the appropriate groups of subclass [A63H](#),

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- Electrical supports, holders or containers, for example lighting supports, holders, or containers, are to be classified in the appropriate groups of subclass [F21V](#),
- Electric heating supports, holders or containers are to be classified in the appropriate groups of subclass [H05B](#),
- Supports, holders or containers for musical instruments are to be classified in the appropriate groups of class [G10](#),
- Supports for radio/television/telephone sets are to be classified in the appropriate groups of subclasses [A47B](#) or [F16M](#),
- Holders for radio/television/telephone sets are to be classified in the appropriate groups of class [H04](#),
- Containers for radio/television/telephone sets are to be classified in the appropriate groups of subclasses [H05K](#) or [B65D](#).

References

Informative references

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

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

Devices for fastening kitchen utensils	A47J 45/00
--	----------------------------

Insert: The following new Special rules of classification section.

Special rules of classification

References [A47J 45/00](#), [A47K 10/04](#) and [D06F 57/00](#) are non-limiting in the group [A47G29/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

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A47L 25/00

Insert: The following new Special rules of classification section.

Special rules of classification

Reference G02C 13/00 is non-limiting in the group A47L 25/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

B03C 9/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Magnetic separation	B03C 1/00
Separating dispersed particles from gases or vapour	B03C 3/00
Separating dispersed particles from liquids by electrostatic effect	B03C 5/00
Separating solids from solids by electrostatic effect	B03C 7/00
Electro-statically separating liquids from liquids	B03C 11/00

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B23P 11/00

Replace: The existing Relationships with other classification places text with the following updated text.

Relationships with other classification places

There is a significant overlapping between this group and [B21K 25/00](#), [F16B 17/00](#) and [F16B 4/00](#).

Press fit methods and machines might also be found in subgroup [B23P 19/02](#).

Objects produced by connecting methods not important per se, see the relevant subclasses dealing with the objects.

References**Limiting references**

This place does not cover:

Replace: The existing Limiting references table with the following updated table.

Connecting sheet metal or metal tubes, rods, or profiles	B21D 39/00
Hand tools for connecting wire or strip	B25B 25/00
Connecting metal parts by adhesives	F16B 11/00

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Replace: The existing Application-oriented references table with the following updated table.

Connecting wire to wire or other metallic material or objects; Connecting parts by means of wire	B21F 15/00
Forging	B21J

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Appurtenances for chain-making not restricted to any particular process	B21L 19/00
Welding	B23K
Connecting bearing to vehicle axles (Hubs)	B60B 27/00
Rigid support of bearing units; Housings - Fixing them on the shaft	F16C 35/063
Assembling rolling-contact bearings	F16C 43/04
Couplings for rigidly connecting two coaxial shafts or other movable machine elements - involving plastic deformation	F16D 1/072
Cams; Non-rotary cams; Cam followers [construction]	F16H 53/025

Special rules of classification

Insert: The following new paragraph as the last paragraph of the Special rules of classification section.

References B21J, B23K are non-limiting in the group B23P 11/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

E05F 7/00

References

Limiting references

This place does not cover:

Replace: The existing Limiting references table with the following updated table.

Accessories for wings, adapted for furniture	A47B 95/00
Door lifters	B66F, E04F 21/00
Knobs or handles	E05B

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Informative references

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

Replace: The existing Informative references table with following updated table.

Counterbalance devices for sliding or lifting wings	E05D 13/10
---	------------

E21C 35/00

Special rules of classification

Replace: The symbol “E21D 35/08” with “E21C 35/08”, as shown below.

Means for placing or orienting the machine are classified in [E21C 35/08](#) and subgroups. Inventions relative to obtaining information about the position or the status of the machine and processing that information to control the machine are classified in [E21C 35/24](#). If the positioning is done in combination with operation of a shield for step-by-step movement, then this aspect is classified in [E21D 23/00](#).

F41C 27/00

Definition statement

This place covers:

Replace: The term “adaped” with “adapted”, as shown below.

Residual group for attachments, accessories and details especially adapted for small arms, but not covered in [F41C 3/00](#) - [F41C 23/22](#).

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References

Delete: The entire Limiting references section.

Informative references

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

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

Accessories or details for firearms, common to both small arms and ordnance	F41A 35/00
---	----------------------------

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B07C 9/00			Delete the entire Definition.
B60D 7/00			Delete the entire Definition.
B64G 9/00			Delete the entire Definition.
C07G 17/00			Delete the entire Definition.
H03F 21/00			Delete 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)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B07C 9/00	<administrative transfer to B07C 99/00>
D	B31C 13/00	<administrative transfer to B31C 99/00>
D	B60D 7/00	<administrative transfer to B60D 99/00>
D	B64G 9/00	<administrative transfer to B64G 99/00>
D	C07G 17/00	<administrative transfer to C07G 99/00>
D	C07G 17/002	<administrative transfer to C07G 99/002>
D	C07G 17/004	<administrative transfer to C07G 99/0022>
D	C07G 17/006	<administrative transfer to C07G 99/0023>
D	C07G 17/008	<administrative transfer to C07G 99/0024>
D	H03F 21/00	<administrative transfer to H03F 99/00>
D	H04J 15/00	<administrative transfer to H04J 99/00>

* 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.
- 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)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A61M 99/00	A61M 99/00	NEW
B07C 9/00		DELETE
B07C 99/00	B07C 99/00	NEW
B31C 13/00		DELETE
B31C 99/00	B31C 99/00	NEW
B60D 7/00		DELETE
B60D 99/00	B60D 99/00	NEW
B62C 99/00	B62C 99/00	NEW
B64C 99/00	B64C 99/00	NEW
B64G 9/00		DELETE
B64G 99/00	B64G 99/00	NEW
B68G 99/00	B68G 99/00	NEW
C07G 17/00		DELETE
C07G 17/002		DELETE
C07G 17/004		DELETE
C07G 17/006		DELETE
C07G 17/008		DELETE
C07G 99/00	C07G 99/00	NEW
C07G 99/002	C07G 99/00	NEW
C07G 99/0022	C07G 99/00	NEW
C07G 99/0023	C07G 99/00	NEW
C07G 99/0024	C07G 99/00	NEW
C09B 46/00	C09B 46/00	NEW
F01N 99/00	F01N 99/00	NEW
G06M 15/00	G06M 15/00	NEW
H02B 99/00	H02B 99/00	NEW
H02H 99/00	H02H 99/00	NEW
H03F 21/00		DELETE
H03F 99/00	H03F 99/00	NEW
H04J 15/00		DELETE
H04J 99/00	H04J 99/00	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 “CP ONLY” and complete the action column with “NEW”.

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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>
B07C5/12	B07C9/00	B07C99/00

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>
B31F7/00	B31C13/00	Definition statement	Replace existing text with the following text: Processes for working paper not provided for in B31B50/00, B31B70/00, B31C1/00 - B31C99/00, B31D1/00 - B31D5/00, B31F1/00 - B31F5/00.
E04B1/19	B64G9/00	Limiting references	Remove B64G9/00 ref. from the Lim. Ref. table
G01N33/98	C07G17/008	Informative references	Sugars (nucleotides, nucleosides, nucleic acids) C07G1/00 - C07G99/0024, C07H1/00 - C07H23/00

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<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>
H03F3/00	H03F21/00	Definition statement	<p><u>Replace</u> the fourth paragraph of the Definition statement with the following updated paragraph:</p> <p>Amplifiers based on other amplification principles such as magnetic, dielectric, mechanical/acoustic, superconductivity, etc., are classified in subgroups H03F7/00-H03F99/00.</p>

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.