EUROPEAN PATENT OFFICE
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CPC NOTICE OF CHANGES 1160

DATE: AUGUST 1, 2021

PROJECT RP0718

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	A63B	2023/0435
Titles Changed:	A63B	69/24
Indents Changed:	A63B	2023/0441, 2023/0447, 2023/0452
Notes Deleted:	A63B	22/00
	B60S	1/4003
	B65B	59/00
Notes Modified:	B60G	SUBCLASS
DEFINITIONS:		
Definitions Modified:	B33Y	SUBCLASS
	B60K	6/00
	B60K	28/00
	B60K	31/00
	B65B	59/00, 59/001, 59/003, 59/005, 59/02
	C25D	SUBCLASS
	F02C	SUBCLASS
	F03D	7/00
	F16D	SUBCLASS
	F16D	49/00
	F16D	51/00
	F16D	53/00
	F16D	55/00
	F16D	57/00
	F16D	59/00
	F16D	61/00
	F16D	63/00
	F16D	65/00
	F16D	66/00
	F16D	67/00
	F16D	69/00
	F16H	57/04

No other subclasses/groups are impacted by this Notice of Changes.

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)

DATE: AUGUST 1, 2021

PROJECT RP0718

1.   CLASSIFICATION SCHEME CHANGES

   A.   New, Modified or Deleted Group(s)

SUBCLASS A63B - APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT (apparatus for passive exercising, massage A61H)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
T	A63B 23/0429	4	{with guided foot supports moving parallel to the body-symmetrical-plane by being cantilevered about a horizontal axis}	
D	A63B 2023/0435	5	{(not used)}	<Administrative transfer to A63B 23/0429>
M	A63B 2023/0441	5	{cantilevered about two horizontal axes, e.g. parallelogram systems}	
M	A63B 2023/0447	5	{the axis being in the body-symmetrical-plane}	
M	A63B 2023/0452	5	{the foot support being substantially below said axes}	
M	A63B 69/24	2	mounted on, or suspended from, a movable support	

*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.

B. New, Modified or Deleted Note(s)

SUBCLASS A63B - APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT (apparatus for passive exercising, massage A61H)

Type*	Location	Old Note	New/Modified Note
D	A63B 22/00	In this subclass, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of its groups, which is considered to represent information of interest for search, may also be classified in each of those groups.	Delete: The entire Note.

SUBCLASS B60G - VEHICLE SUSPENSION ARRANGEMENTS (air-cushion vehicles B60V; {cycle suspensions B62K 25/00})

Type*	Location	Old Note	New/Modified Note
M	B60G	1. Attention is drawn to the explanatory note following the class title B60 2. Indexing codes B60G 2200/00 - B60G 2800/00 are dedicated to particular aspects of suspension arrangements: • B60G 2200/00 refers to the type of suspension arrangement; • B60G 2202/00 refers to the suspension elements used (springs, dampers and actuators); • B60G 2204/00 refers to mounting features of suspension elements; • B60G 2206/00 refers to constructional and manufacturing details of suspension elements; • B60G 2300/00 refers to the type of vehicle; • B60G 2400/00 - B60G 2800/00 refer to the electronic control of suspension arrangements, whereby: • B60G 2400/00 refers to input parameters of the control;	Replace: The three existing Notes with the following two revised Notes: 1. Attention is drawn to the Note following the title of class B60. 2. {Indexing codes B60G 2200/00 - B60G 2800/00 are dedicated to particular aspects of suspension arrangements: • B60G 2200/00 refers to the type of suspension arrangement; • B60G 2202/00 refers to the suspension elements used (springs, dampers and actuators); • B60G 2204/00 refers to mounting features of suspension elements; • B60G 2206/00 refers to constructional and manufacturing details of suspension elements; • B60G 2300/00 refers to the type of vehicle; • B60G 2400/00 - B60G 2800/00 refer to the electronic control of suspension arrangements, whereby: • B60G 2400/00 refers to input parameters of the control; • B60G 2401/00 refers to types of sensors used; • B60G 2500/00 refers to the controlled action or device;

Type*	Location	Old Note	New/Modified Note
		- B60G 2401/00 refers to types of sensors used; - B60G 2500/00 refers to the controlled action or device; - B60G 2600/00 refers to particular details of the control system; - B60G 2800/00 refers to the result to be achieved by the control action. 3. Groups B60G 2200/00 - B60G 2800/00 are to be used in multi-aspect classification, so that subject matter characterised by aspects covered by more than one of these groups, which is considered to represent information of interest for search, should be classified in a combination of at least one relevant "invention information" symbol in association with indexing codes from each of these groups.	- B60G 2600/00 refers to particular details of the control system; - B60G 2800/00 refers to the result to be achieved by the control action.}

SUBCLASS B60S - SERVICING, CLEANING, REPAIRING, SUPPORTING, LIFTING, OR MANOEUVRING OF VEHICLES, NOT OTHERWISE PROVIDED FOR

Type*	Location	Old Note	New/Modified Note
D	B60S 1/4003	Multi-aspect classification is applied for technical subjects relating to the arms and covered by subgroups B60S 1/4006 - B60S 1/4083	Delete: The entire Note.

SUBCLASS B65B - MACHINES, APPARATUS OR DEVICES FOR, OR METHODS OF, PACKAGING ARTICLES OR MATERIALS; UNPACKING (bundling and pressing devices for cigars A24C 1/44; devices for tensioning and securing binders adapted to be supported by the article or articles to be bound B25B 25/00; applying closure members to bottles, jars or similar containers B67B 1/00-B67B 6/00; concurrent cleaning, filling and closing of bottles B67C 7/00; emptying bottles, jars, cans, casks, barrels or similar containers B67C 9/00)

Type*	Location	Old Note	New/Modified Note
D	B65B 59/00	In all subgroups of this main group multi-aspect classification is applied, so that aspects of subject matter that are covered by	Delete: The entire Note.

Type*	Location	Old Note	New/Modified Note
		more than one of its subgroups should be classified in each of those subgroups.	

*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.

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B33Y	Special rules of classification	• In this subclass, multi-aspect classification is applied, so that aspects of subject matter that are covered by more than one of its groups should be classified in each of those groups.	Delete: The third bullet point from the Special rules section.
B60K6/00	Special rules of classification	Multi-aspect classification practice is used in this group for hybrid vehicles. Whenever one or more specific aspects of subunits are concerned, classification should be given for each of the different subunit in B60K6/22 and a classification symbol should be added in the relevant place for the architecture B60K6/42 and also for the driveline architecture B60K6/50.	Replace: The existing first paragraph of the Special rules section with the following revised paragraph: Whenever one or more specific aspects of subunits are concerned, classification should be given for each of the different subunit in B60K6/22 and a classification symbol should be added in the relevant place for the architecture B60K6/42 and also for the driveline architecture B60K6/50.
B60K28/00	Special rules of classification	Multi-aspect classification practice is used in this group. Whenever one or more specific aspects of the system are concerned, classification should be given for each of the different aspects.	Delete: The first paragraph of the Special rules section.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B60K31/00	Special rules of classification	In subgroups B60K31/02 up to B60K31/18 the last place priority rule is applied, i.e. at each hierarchical level, classification is made in the last appropriate place. B60K31/00 is a multi-aspect classification! Classifications have to be given for all features of the claims and the features of particular interest of the embodiments. Use of the Indexing Code scheme is mandatory. When classifying in group B60K31/00 classification must also be made in groups B60K31/00 - L60K31/30 for additional features of cruise control, in B60Y2400/00 for special features in general, in B60Y2300/00 in order to identify the purpose and in B60W10/00 for the controlled sub-units and in B60W2510/00 - B60W2530/213 for controller input parameters and in B60W2710/00 - B60W2720/406 for the output target values.	Replace: The entire Special rules section with the following revised text: Use of the Indexing Code scheme is mandatory. When classifying in group B60K31/00 classification must also be made in groups B60K31/00 - B60K31/185 for additional features of cruise control, in B60Y2400/00 for special features in general, in B60Y2300/00 in order to identify the purpose and in B60W10/00 for the controlled sub-units and in B60W2510/00 - B60W2530/213 for controller input parameters and in B60W2710/00 - B60W2720/406 for the output target values.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B65B59/00	Relationships with other classification places	In the subgroups of this main group, multi-aspect classification is applied, so that aspects of subject matter that are covered by more than one of its subgroups should be classified in each of those subgroups.	Delete: The second paragraph of the Relationships section.
B65B59/001	Relationships with other classification places		Delete: The entire Relationships section.
B65B59/003	Relationships with other classification places		Delete: The entire Relationships section.
B65B59/005	Relationships with other classification places		Delete: The entire Relationships section.
B65B59/02	Relationships with other classific		Delete: The entire Relationships section.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
	ation places		
C25D	Special rules of classification	In this subclass C25D, multi-aspect classification is to be applied. For example, a claim in the product category may be conveniently classified using process features of the subgroups under C25D5/00 (e.g. C25D5/10: electroplating with more than one layer), in addition to any relevant entry under C25D7/00.	Delete: The second and third paragraphs of the Special rules section.
F02C	Special rules of classification	In this subclass, multi-aspect classification is applied, so that aspects of subject matter that are covered by more than one of its groups should be classified in each of those groups.	Delete: The first paragraph of the Special rules section.
F03D7/00	Special rules of classification	Multi-aspect classification should be applied in this group. Documents should be classified in F03D7/02 for purpose of control or the type of controller and in addition according the control method or type of controller in group F03D7/04. For example, a model-based controller acting on the	Replace: The entire existing text of the Special rules section with the following revised text: Documents should be classified in F03D7/02 for purpose of control or the type of controller and in addition according the control method or type of controller in group F03D7/04. For example, a model-based controller acting on the pitch

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		pitch system to reduce rotor noise should be classified in groups F03D7/045, F03D7/0224 and F03D7/0296.	system to reduce rotor noise should be classified in groups F03D7/045, F03D7/0224 and F03D 7/0296.
F16D	Special rules of classification	The CPC-guide refers to "invention information". This definition is not followed, since "the addition to the prior art" of most documents is not always clear. In subclass F16D the criteria for classification derive from the main rule that all relevant technical information of a document is classified to allow efficient retrieval. Therefore multi-aspect classification is used and most documents should preferably have two or more classification symbols. One symbol to describe the general configuration or overall construction and one or more further symbols to identify additional features should be assigned.	Replace: The fifth paragraph of text within the Special rules section with the following revised text: The CPC-guide refers to "invention information". This definition is not followed, since "the addition to the prior art" of most documents is not always clear. In subclass F16D the criteria for classification derive from the main rule that all relevant technical information of a document is classified to allow efficient retrieval. Most documents should preferably have two or more classification symbols. One symbol to describe the general configuration or overall construction and one or more further symbols to identify additional features should be assigned.
F16D49/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant	Replace: The entire existing Special rules text with the following revised text:

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2129/00.	All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2129/00.
F16D51/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.
F16D53/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.
F16D55/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
F16D57/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D 2131/00.
F16D59/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D 2121/00 - F16D 2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D 2131/00.
F16D61/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
F16D63/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.
F16D65/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.
F16D66/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2121/00 - F16D2131/00.
F16D67/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		classified by using codes in groups F16D2121/00 - F16D2131/00, e.g. additional classification for indicating type of brake and actuating force are assigned.	classified by using codes in groups F16D2121/00 - F16D2131/00, e.g. additional classification for indicating type of brake and actuating force are assigned.
F16D69/00	Special rules of classification	Multi-aspect classification is used, i.e. not only the invention is classified, but all technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2200/00 and F16D2250/00.	Replace: The entire existing Special rules text with the following revised text: All technical features that are considered relevant for future prior art searches should be classified by using codes in groups F16D2200/00 and F16D2250/00.
F16H57/04	Special rules of classification	Multiple aspects of classification are given in the subgroups of F16H57/04, i.e. • if a disclosed subject-matter is considered as "invention information" than an appropriate ECLA-group shall be given to each single aspect of such subject-matter. • if a disclosed subject-matter is considered as "additional information" than an appropriate	Replace: The first paragraph of text (including the three bullet points) within the Special rules section with the following new text: For classification in subgroups of F16H57/04, if there is no particular application place for the type of gearing in the subgroups of F16H57/048, a classification outside F16H57/048 should be given, e.g. in case of wobble plate gears F16H23/00.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		Indexing Code-group shall be given to each single aspect of such subject-matter. • if there is no particular application place for the type of gearing in the subgroups of F16H57/048, at least an Indexing Code outside F16H57/048 should be given, e.g. in case of wobble plate gears F16H23/00.	

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.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	A63B 2023/0435	<Administrative transfer to A63B 23/0429>

* 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.

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

__CPC__	__IPC__	__Action*__
A63B 2023/0435		DELETE

*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.