

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 559

DATE: AUGUST 1, 2018

PROJECT RP0171

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:	F41G	2700/00, 2700/005
Symbols New:	F42B	19/10
Titles Changed:	F42B	19/00
Warnings New:	F41G	7/32
	F42B	19/01, 19/10
Warnings Modified:	F42B	Subclass
DEFINITIONS:		
Definitions New:	F42B	19/10
Definitions Modified:	F42B	Subclass, 17/00, 19/00

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 Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS F41G – WEAPON SIGHTS; AIMING (optical aspects thereof G02B)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
E	F41G 7/32	3	for wire-guided missiles	
D	F41G 2700/00	0	Torpedoes	<administrative transfer to F42B 19/10>
D	F41G 2700/005	1	Remote steering of torpedoes by means of electric or acoustic waves or otherwise	<administrative transfer to F42B 19/10>

SUBCLASS F42B – EXPLOSIVE CHARGES, e.g. FOR BLASTING, FIREWORKS, AMMUNITION (explosive compositions C06B; fuzes F42C; blasting F42D)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F42B 19/00	0	Marine torpedoes, e.g. launched by surface vessels or submarines (having additional propulsion means for movement through air F42B 17/00); Sea mines having self-propulsion means (F42B 12/00 takes precedence; launching means F41F; locating by use of radio or other waves G01S; automatic control of course G05D 1/00; firing directors or calculators G06G)	
C	F42B 19/01	1	Steering control	F42B 19/01, F42B 19/10, F41G 7/32
U	F42B 19/08	2	with means for preventing rolling or pitching	
Q	F42B 19/10	2	remotely controlled, e.g. by sonic or radio control (control systems using wire F41G 7/32)	F42B 19/10, F42B 19/01, F41G 7/32

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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; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except “D” which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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B. New, Modified or Deleted Warning notice(s)

SUBCLASS F41G – WEAPON SIGHTS; AIMING (optical aspects thereof G02B)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F41G 7/32		<u>WARNING</u> Group F41G 7/32 is incomplete pending reclassification of documents from groups F42B 19/01 and F42B 19/10. Groups F41G 7/32, F42B 19/01 and F42B 19/10 should be considered in order to perform a complete search.

SUBCLASS F42B – EXPLOSIVE CHARGES, e.g. FOR BLASTING, FIREWORKS, AMMUNITION (explosive compositions C06B; fuzes F42C; blasting F42D)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	F42B	<u>WARNING</u> The following IPC groups are not used in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F42B 5/14 covered by F42B 12/40, A01K 11/00 F42B 19/10 covered by F41G 7/24	<u>WARNING</u> The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups: F42B 5/14 covered by F42B 12/40, A01K 11/00
N	F42B 19/01		<u>WARNING</u> Group F42B 19/01 is incomplete pending reclassification of documents from group F42B 19/10. Group F42B 19/01 is also impacted by reclassification into groups F42B 19/10 and F41G 7/32. All groups listed in this Warning should be considered in order to perform a complete search.
N	F42B 19/10		<u>WARNING</u> Group F42B 19/10 is incomplete pending reclassification of documents from group F42B 19/01. Group F42B 19/10 is also impacted by reclassification into groups F42B 19/01 and F41G 7/32. All groups listed in this Warning should be considered in order to perform a complete search.

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

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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.

2. A. DEFINITIONS (new)

Insert: The following new Definition section F42B 19/10.

F42B 19/10

remotely controlled, e.g. by sonic or radio control (control systems using wire F41G 7/32)

References

Informative references

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

Control systems using wire

F41G 7/32

Special rules of classification

Looping references between [F42B 19/10](#) and [F41G 7/00](#) have been identified. Until this inconsistency is resolved, the current classification practice in CPC is as follows:

- If a marine torpedo-related document discloses aspects of remote control by wire, then it should be classified in [F41G 7/32](#).
- If it contains also aspects of remote control other than by wire, then it should be classified also in [F42B 19/10](#) to account for those aspects.
- Reference [F41G 7/32](#) is currently defined as non-limiting in the subgroup F42B 19/10.

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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>
F42B	Special rules of classification	F41G 7/24 covered by F41G 7/24	Delete: The last line of the Special rules of classification section.
F42B 17/00	Special rules of classification		Insert: The following as the second paragraph in the Special rules of classification section. If relevant, documents containing details relating to the underwater trajectory should also be classified in any of the subgroups F42B 19/005 (nose caps etc.), F42B 19/01, F42B 19/04, F42B19/06, F42B 19/08, F42B 19/10 (steering control aspects).
F42B 19/00	Special rules of classification		Insert: The following new Special rules of classification section. References F42B 17/00; F41F, G01S, G05D 1/00 and G06G are non-limiting in the main group F42B 19/00. CPC will be updated/corrected once this inconsistency is resolved.
F42B 19/00	Limiting references	Rocket torpedos F42B 17/00	Delete: The last row of the Limiting references table.
F42B 19/00	Informative references		Insert: The following new reference in the Informative references table. Rocket torpedoes F42B 17/00

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.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	F41G2700/00	Administrative transfer to F42B19/10
D	F41G2700/005	Administrative transfer to F42B19/10
C	F42B19/01	F42B19/01, F42B19/10, F41G7/32
Q	F42B19/10	F42B19/10, F42B19/01, F41G7/32

* 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.

NOTES:

- Only C, D, and Q type entries are included in the table above.
- When multiple symbols are included in the “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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F42B19/10	F42B19/10	NEW
F41G2700/00		DELETE
F41G2700/005		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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.