

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1003

DATE: JANUARY 1, 2021

PROJECT MP0481

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	D01F	1/02
	D01F	2/06, 2/08
	D01F	9/08, 9/12
	D01F	11/00
Warnings Deleted:	D01F	SUBCLASS
DEFINITIONS:		
Definitions New:	D01F	2/06, 2/08, 9/08, 9/12
Definitions Modified:	D01F	SUBCLASS
	D01F	9/00, 11/00, 13/00

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)

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

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS D01F - CHEMICAL FEATURES IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS; APPARATUS SPECIALLY ADAPTED FOR THE MANUFACTURE OF CARBON FILAMENTS

<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	D01F 1/02	1	Addition of substances to the spinning solution or to the melt (addition of substances to viscose D01F 2/08)	
M	D01F 2/06	1	from viscose	
M	D01F 2/08	2	Composition of the spinning solution or the bath	
M	D01F 9/08	1	of inorganic material (working or processing of metal wire B21F; from softened glass, minerals or slags C03B 37/00)	
M	D01F 9/12	2	Carbon filaments; Apparatus specially adapted for the manufacture thereof	
M	D01F 11/00	0	Chemical after-treatment of artificial filaments or the like during manufacture	

*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.

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- 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 (“T transferred to”) symbol, however it is required to specify “<no transfer>” in the “T transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “T 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 D01F - CHEMICAL FEATURES IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS; APPARATUS SPECIALLY ADAPTED FOR THE MANUFACTURE OF CARBON FILAMENTS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	D01F	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>Delete</u> the entire existing warning.

*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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2. A. DEFINITIONS (new)

Insert the following new Definitions.

D01F 2/06

References

Informative references

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

Preparation of alkali cellulose	C08B1/08
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D01F 2/08

References

Informative references

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

Preparing or dissolving cellulose xanthate	C08B9/00
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D01F 9/08**References****Limiting references***This place does not cover:*

Working or processing of metal wire	B21F
Manufacture of fibres or filaments from softened glass, minerals or slags	C03B 37/00

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

Processing inorganic compounds to obtain ceramic fibres	C04B 35/62227
Incandescent bodies	F21H
Incandescent bodies; Manufacture of incandescent bodies	H01K 1/02 , H01K 3/02

D01F 9/12**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Nanosized carbon materials	C01B 32/15
Nanosized carbon materials having a fullerene structure	C01B 32/152

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2. A. DEFINITIONS (modified)

D01F

References

Delete: the entire Limiting references section.

Informative references

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

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

Cigarette filters	A24D3/00
Synthetic grass, lawns for playground or sports grounds	A41G1/009 , E01C13/08
Artificial hair	A41G3/0083
Bristles	A46D1/00
Medical devices	A61F , A61L
Strings for tennis rackets	A63B51/02
Filters	B01D39/00
Continuous casting of metals, i.e. casting in indefinite lengths	B22D11/00
Treatment of metallic powder characterized by its shape or structure, e.g. fibre structure	B22F1/0007
Shaping composites, i.e. plastics material comprising reinforcements, fillers, or preformed parts	B29C70/00
Tyre yarns	B60C9/00
Carbon nanotubes	C01B32/15
Production of ceramic fibres	C04B35/62227
Manufacture of articles or shaped materials containing macromolecular substances	C08J5/00
Recycling or recovering of waste materials	C08J11/00
Additives in general	C08K
Crimping or curling fibres, filaments, threads, or yarns	D02G
Yarns or threads; Processes or apparatus for the production thereof, not otherwise provided for	D02G3/00

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Finishing or dressing of filaments, yarns, threads, cords, ropes or the like	D02J
Chemical treatment of fibres after production	D06L, D06M
Dyeing of fibres	D06P
Strings for musical instruments	G10D3/10

Special rules of classification

Delete: the following text from the Special rules of classification section.

When a document also relates to a neighbouring field it should always be circulated to the corresponding classifiers. In the cases where many different applications of the invention are claimed, the document should only be circulated to the exemplified or the most relevant technical field.

D01F 9/00

Relationships with other classification places

Insert: a colon after the first line of text in the Relationships section, as shown below.

Carbon nanofibers vs nanotubes:

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:

Ovens in general	F27B, F27B9/28
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D01F 11/00**References**Delete: the entire Limiting references section.**Informative references***Attention is drawn to the following places, which may be of interest for search:*Replace: the existing Informative references table with the following new updated table.

Surface treatment of fibres or filaments made from glass, minerals or slags	C03C25/00
Surface treatment of fibres or filaments made from ceramics	C04B
Mechanical aspects in coating with a spinning solution or melt during the manufacture	D01D11/06
Dry-Cleaning, washing or bleaching fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods; Bleaching leather or furs	D06L
Finishing; Treatment not provided for elsewhere of fibres, threads, yarns, fabrics, feathers or fibrous goods made therefrom	D06M
Dyeing or Printing textile; Dyeing leather, furs or solid macromolecular substances in any form	D06P
Decorating Textiles	D06Q

D01F13/00**References**Delete: the entire Limiting references section.Insert: the following new Informative references section.

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Informative references

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

Chemical aspects in the recycling of plastic	C08J11/00
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