

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1215

DATE: JANUARY 1, 2022

PROJECT MP0533

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:	D01H	Subclass
	D01H	3/14
	D01H	5/00, 5/02, 5/28, 5/56, 5/58, 5/72
	D01H	7/04, 7/18, 7/24, 7/50, 7/60, 7/64, 7/72, 7/84, 7/90
	D01H	9/00, 9/14
	D01H	11/00
	D01H	13/00, 13/12, 13/14, 13/32
	D01H	15/00
	D01H	17/00
Warnings Modified:	D01H	Subclass
DEFINITIONS:		
Definitions New:	D01H	3/14, 5/28, 7/04, 7/24, 7/50, 7/60, 7/64, 7/72, 7/84, 9/14, 13/12
Definitions Modified:	D01H	Subclass
	D01H	5/00, 5/02, 5/56, 5/58, 5/72, 7/18, 9/00, 11/00, 13/00, 13/14, 13/32, 15/00, 17/00

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 D01H- SPINNING OR TWISTING (unwinding, paying-out, forwarding, winding or coiling filamentary material not intimately associated with spinning or twisting B65H; cores, formers, supports or holders for coiled or wound material, e.g. bobbins B65H; twisting oakum D01G 35/00; crimping or curling of fibres, filaments or yarns D02G 1/00; making chenille D03D, D04D 3/00; testing yarns, rovings, slivers, fibres, or fibre webs G01)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	D01H	Subclass	SPINNING OR TWISTING (twisting oakum D01G 35/00; crimping or curling of fibres, filaments, or yarns D02G 1/00)	
M	D01H3/14	2	Roller-driving arrangements	
M	D01H5/00	0	Drafting machines or arrangements {; Threading of roving into drafting machine }	
M	D01H5/02	1	Gill boxes or other drafting machines employing fallers or like pinned bars	
M	D01H5/28	2	in which fibres are controlled by inserting twist during drafting	
M	D01H5/56	2	Supports for drafting elements	
M	D01H5/58	2	Arrangements for traversing drafting elements	
M	D01H5/72	3	Fibre-condensing guides	
M	D01H7/04	2	Spindles	
M	D01H7/18	3	Arrangements on spindles for suppressing yarn balloons	
M	D01H7/24	2	Flyer or like arrangements	
M	D01H7/50	3	Interrelated flyer and bobbin drive mechanisms, e.g. winding-on motions for cotton-roving frames	
M	D01H7/60	3	Rings or travellers; Manufacture thereof not otherwise provided for {; Cleaning means for rings }	
M	D01H7/64	3	Ring supports, e.g. ring rails	
M	D01H7/72	3	Bobbin-supporting arrangements, e.g. bobbin rails	
M	D01H7/84	3	Spindles or yarn carriers for co-operation with rotary cups	
M	D01H7/90	2	Arrangements with two or more {spinning or} twisting devices {of different types} in combination (D01H 7/88 takes precedence)	

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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#
M	D01H9/00	0	Arrangements for replacing or removing bobbins, cores, receptacles, or completed packages at paying-out or take-up stations {; Combination of spinning-winding machine }	
M	D01H9/14	2	for preparing machines for doffing of yarns {, e.g. raising cops prior to removal }	
M	D01H11/00	0	Arrangements for confining or removing dust, fly or the like (cleaning of running surfaces in open-end spinning machines D01H4/22)	
M	D01H13/00	0	Other common constructional features, details or accessories	
M	D01H13/12	1	Arrangements preventing snarls or inadvertent doubling of yarns	
M	D01H13/14	1	Warning or safety devices, e.g. automatic fault detectors, stop motions {; Monitoring the entanglement of slivers in drafting arrangements }	
M	D01H13/32	1	Counting, measuring, recording or registering devices	
M	D01H15/00	0	Piecing arrangements (for open-end spinning machines D01H4/48){; Automatic end-finding, e.g. by suction and reverse package rotation; Devices for temporarily storing yarn during piecing (piecing of rovings in combination with replacing of completed packages or cans D01H9/005)}	
M	D01H17/00	0	Hand tools	

*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.

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- 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 finalization 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 D01H- SPINNING OR TWISTING (unwinding, paying-out, forwarding, winding or coiling filamentary material not intimately associated with spinning or twisting B65H; cores, formers, supports or holders for coiled or wound material, e.g. bobbins B65H; twisting oakum D01G 35/00; crimping or curling of fibres, filaments or yarns D02G 1/00; making chenille D03D, D04D 3/00; testing yarns, rovings, slivers, fibres, or fibre webs G01)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	D01H	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.	{ 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. }

*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.

2. A. DEFINITIONS (new)

Insert: the following new Definitions.

D01H 3/14

References

Informative references

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

Drafting arrangements of general application in spinning machines	D01H5/18
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D01H 5/28

References

Informative references

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

Spinning by false-twisting	D01H1/11
Mules	D01H 3/00
Twisting by false-twisting	D01H7/92
Constructions of false-twist devices	D02G1/04

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D01H 7/04**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Bearings for hollow spindles	D01H7/88
Spindle bearings, supports therefor, in general	F16C

D01H 7/24**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Multiple-twist arrangements	D01H7/86
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D01H 7/50**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Variation of machine speed according to growing bobbin diameter	D01H1/34
Package-building mechanisms	D01H1/36

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D01H 7/60

References

Informative references

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

Hand tools for applying travellers to rings	D01H17/02
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D01H 7/64

References

Informative references

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

Poker guides or other rail supports	D01H7/10
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D01H 7/72

References

Informative references

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

Poker guides or other rail supports	D01H7/10
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D01H 7/84

References

Informative references

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

Removing yarn from centrifugal cups on to yarn carriers	D01H9/06
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D01H 9/14

References

Informative references

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

Stop motions responsive to delivery of a measured length of material	D01H13/24
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D01H 13/12

References

Informative references

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

Suction end-catchers	D01H5/68
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2. A. DEFINITIONS (modified)

D01H

Definition statement

This place covers:

Replace: The term “the” with “The” at the beginning of the Definition statement so that it reads as follows.

The spinning or twisting of staple fibre yarns (i.e. comprising fibres of discrete length); e.g. cotton or wool spinning.

References

Limiting references

This place does not cover:

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

Twisting oakum	D01G35/00
Crimping or curling of fibres, filaments or yarns	D02G1/00

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.

Unwinding, paying-out, forwarding, winding or coiling filamentary material, not intimately associated with spinning or twisting	B65H
Cores, formers, supports or holders for coiled or wound material, e.g. bobbins	B65H

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The formation of continuous synthetic filaments	D01D, D01F
Finishing or dressing of filaments, yarns, threads, cords, ropes, or the like	D02J
Chenille fabrics, making chenille trimmings by weaving	D03D27/18
Chenille trimmings	D04D3/00
Testing yarns, rovings, slivers, fibres or fibre webs	G01

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Replace: The existing Glossary of terms table with the following updated table.

Fibre	A relatively-short, elongated member of natural or artificial material
Filament	An endless or quasi-endless, elongated member of natural (e.g. silk) or artificial material
Yarn	A unitary assembly of fibres, usually produced by spinning
Thread	An assembly of yarns or filaments, usually produced by twisting
Drawing	Stretching and elongating yarns or filaments
Draft	The amount to which yarns or filaments are drawn

D01H 5/00

Definition statement

This place covers:

Replace: The term “drafting” with “Drafting” at the beginning of the Definition statement so that it reads as follows.

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Drafting machines as stand alone, as well as drafting arrangements in spinning machines. Slivers are drafted into slivers, rovings or fibre strands by the action of progressively accelerating drafting cylinders.

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:

Depositing materials in cans after drafting	B65H54/76
After drafting and before spinning	D01H1/02- D01H1/08, D01H7/90
Arrangements in which draft is dependent on linear movement of take-up spindles, e.g. in mules	D01H 3/00
Devices for combing or orienting fibres for open-end spinning machines	D01H 4/30
Machines or arrangements in which fibres are controlled by inserting twist during drafting	D01H5/28
Increasing the strength of a roving or sliver by false-twisting	D01H7/92

D01H 5/02

Definition statement

This place covers:

Replace: The term “drafting” with “Drafting” at the beginning of the Definition statement so that it reads as follows.

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Drafting machines having fibre control arrangements placed between the drafting cylinders; said control elements are pinned bars. The machines themselves are called gill boxes, and are used in long staple (i.e. wool, flax) spinning preparation.

References

Insert: The following new Informative references section.

Informative references

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

Lubricating fibres in gill boxes	D01G29/00
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D01H 5/56

Definition statement

Replace: The term “the” with “The” at the beginning of the Definition statement so that it reads as follows.

The structures and frames that hold the drafting arrangement(s) in spinning machines.

References

Insert: The following new Informative references section and table.

Informative references

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

Saddles or top roller arms forming essential components of weighting arrangements	D01H5/48
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D01H 5/58

Definition statement

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

Means to realize a lateral movement of drafting rollers, e.g. to reduce local wearing of rollers.

References

Insert: The following new Informative references section.

Informative references

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

Traversing arrangements for roving guides	D01H13/06
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D01H 5/72

Definition statement

This place covers:

Replace: The term “guides” with “Guides” at the beginning of the Definition statement so that it reads as follows.

Guides that are placed in or after the drafting zone, to control and narrow the path followed by the fibres.

Delete: The entire Special rules of classification section.

References

Insert: The following new Informative references section and table.

Informative references

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

Guides for slivers, rovings or yarns applicable solely for spinning, twisting, curling or crimping purposes	D01H13/04
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Insert: The following new Glossary of terms section and table.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Compact spinning	Spinning by using of a fibre condensing guide after the drafting zone of a ring spinning machine
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D01H 7/18

References

Informative references

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

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

Thread guards or protectors	D01H1/42
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D01H 9/00

Definition statement

This place covers:

Replace: The term “the” with “The” at the beginning of the Definition statement so that it reads as follows.

The logistical aspects taking place on empty or full bobbins and receptacles on spinning machines.

References

Informative references

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

Insert: The following two new references in the existing Informative references table.

Drafting arrangements	D01H5/00
Twisting arrangements	D01H7/00

D01H 11/00

References

Insert: The following new Limiting references section and table.

Limiting references

This place does not cover:

Cleaning of running surfaces in open-end spinning machines	D01H 4/22
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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 the following updated table.

Separation in general	B01D
Cleaning in general	B08B
Drafting arrangements	D01H 5/00
Arrangements for confining or removing dust in yarn-winding machines	B65H54/702
Twisting arrangements	D01H7/00
Air-conditioning, e.g. by filtering	F24F, F24F3/16, F24F8/10

D01H 13/00**Definition statement**

This place covers:

Replace: The term “auxiliary” with “Auxiliary” at the beginning of the Definition statement so that it reads as follows.

Auxiliary devices of spinning or twisting machines.

References

Insert: The following new “References out of a residual place” section.

References out of a residual place

Examples of places in relation to which this place is residual:

Constructional features, details or accessories for open-end spinning	D01H4/00
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Insert: The following new Informative references section.

Informative references

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

Drafting arrangements	D01H5/00
Twisting arrangements	D01H7/00

D01H 13/14

Definition statement

This place covers:

Replace: The term “warning” with “Warning” at the beginning of the Definition statement so that it reads as follows.

Warning and safety devices, as well as online measurement arrangements able to provide a warning signal; e.g. yarn breakage detection on ring spinning machine.

References

Informative references

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

Insert: The following two new references in the existing Informative references table.

Safety devices of general application	F16P
Indicating devices of general application	G08B

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D01H 13/32

Definition statement

This place covers:

Replace: The term “on-line” with “On-line” at the beginning of the Definition statement so that it reads as follows.

On-line quality control and measuring devices, like length or evenness measurement.

References

Informative references

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

Replace: The text and symbol in the third row of the Informative references table with the following updated text and symbol.

Investigating or analysing textiles by determining their chemical or physical properties	G01N33/36
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D01H 15/00

Definition statement

This place covers:

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

The piecing (repair) of yarn interruptions due to breakage or machine stop on machines.

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

Relationships with other classification places

Piecing arrangements in machines for producing textile fabrics, see in the appropriate subclasses.

References

Insert: The following new Limiting references section and table.

Limiting references

This place does not cover:

Piecing arrangements for open-end spinning machines	D01H4/48
Piecing of rovings in combination with replacing of completed packages or cans	D01H9/005

Informative references

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

Insert: The following two new references in the existing Informative references table.

Drafting arrangements	D01H5/00
Twisting arrangements	D01H7/00

D01H 17/00

Definition statement

This place covers:

Replace: The term “hand” with “Hand” at the beginning of the Definition statement so that it reads as follows.

Hand tools for spinning and twisting, e.g. yarn threaders, portable yarn splicers, hand tools for applying travellers to rings etc.

References

Insert: The following new Informative references section and table.

Informative references

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

Drafting arrangements	D01H5/00
Twisting arrangements	D01H7/00
Cop-tube applying apparatus	D01H9/12