

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1236

DATE: JANUARY 1, 2022

PROJECT MP0512

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	D03D	9/00
	D03D	11/02
	D03D	45/00
	D03D	47/24, 47/36
	D03D	49/00, 49/06, 49/18, 49/20, 49/24, 49/70
Warnings Modified:	D03D	SUBCLASS
<b>DEFINITIONS:</b>		
Definitions New:	D03D	11/02
	D03D	15/217, 15/52, 15/60, 15/68
	D03D	49/06, 49/18, 49/20, 49/24
Definitions Modified:	D03D	9/00
	D03D	15/00, 15/247, 15/258, 15/292, 15/33, 15/43, 15/44, 15/47, 15/49, 15/507, 15/513, 15/54, 15/56, 15/587, 15/63, 15/65
	D03D	45/00
	D03D	47/24, 47/36
	D03D	49/00, 49/70

**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)

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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 D03D - WOVEN FABRICS; METHODS OF WEAVING; LOOMS**

<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	D03D9/00	0	Open-work fabrics	
M	D03D11/02	1	Fabrics formed with pockets, tubes, loops, folds, tucks or flaps (fabrics consisting of a single tube D03D 3/02)	
M	D03D45/00	0	Looms with automatic weft replenishment (automatic replenishment in smallware looms D03D 35/00, in circular looms D03D 37/00)	
M	D03D47/24	2	by gripper or dummy shuttle (travelling-wave-shed looms D03D 47/26; inserting mechanisms for shuttles D03D 49/24)	
M	D03D47/36	2	Measuring and cutting the weft	
M	D03D49/00	0	Details or constructional features not specially adapted for looms of a particular type	
M	D03D49/06	2	Warp let-off mechanisms	
M	D03D49/18	2	Devices for indicating warp tension	
M	D03D49/20	2	Take-up motions; Cloth beams	
M	D03D49/24	1	Mechanisms for inserting shuttle in shed	
M	D03D49/70	1	Devices for cutting weft threads (cutting weft in looms with automatic weft replenishment D03D 45/50)	

\*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.

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- 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 notice(s)

**SUBCLASS D03D - WOVEN FABRICS;METHODS OF WEAVING;LOOMS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
M	D03D	1. 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.	1. { 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.

### D03D 11/02

#### References

##### Limiting References

*This place does not cover:*

Fabrics consisting of a single tube	D03D 3/02
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##### Informative references

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

Fabrics for curtain heading tapes	D03D 1/06
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### D03D 15/217

#### Glossary of terms

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

Plant	Vegetable that usually grows in earth and may have a stem, leaves, roots or flowers, or may produce seeds.
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## **D03D 15/52**

### **References**

#### **Informative references**

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

Special materials for thermally protective outerwear	<a href="#">A41D 31/06</a>
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## **D03D 15/60**

### **Definition statement**

*This place covers:*

Woven fabric characterised by elements not covered by subgroups [D03D 15/20](#) - [D03D 15/593](#), or by using the element as an extra component, either in the machine direction or in the cross direction, e.g. as a reinforcement or an effect.

## **D03D 15/68**

### **Definition statement**

*This place covers:*

Fabrics containing temporary warp or weft yarns or threads.

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**D03D 49/06**

**References**

**Informative references**

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

Construction of warp beam	<a href="#">D02H</a>
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**D03D 49/18**

**References**

**Informative references**

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

Measuring tension of threads in general	<a href="#">G01L 5/04</a>
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**D03D 49/20**

**References**

**Informative references**

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

Storage racks for beams	<a href="#">D02H</a>
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**D03D 49/24**

**References**

**Informative references**

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

Shuttles per se	D03J 5/00
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## 2. A. DEFINITIONS (modified)

**D03D 9/00**

### Definition statement

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

Net like fabrics, with spaced apart warp and weft yarns, where the spacing results from the weaving process.

### References

Delete: The entire Limiting references section.

### Informative references

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

Ladder-tape fabrics	D03D 1/08
Gauze or leno-woven fabrics	D03D 19/00
Filtering materials	B01D 39/08
Wire nets	B21F 27/00
Mesh fabrics as backings	B24D 11/02

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## **D03D 15/00**

### **Definition statement**

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

Woven fabrics obtained by interlacing of warp and weft elements.

Documents classified here are directed to the weaving and have general relevance for weaving. If the application relates to properties of the yarns per se and a woven fabric is mentioned only by way of example, the corresponding place should be identified.

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

### **Relationships with other classification places**

Subclass D03D covers only woven fabrics, but not knitted fabrics (D04B) or non-woven fabrics (D04H).

### **References**

#### **Informative references**

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

Natural or man-made threads or fibres	D01
Yarns per se	D02G
Knitted fabrics	D04B
Non-woven fabrics in general	D04H

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### **Special rules of classification**

Replace: The existing Special rules of classification text with the following updated text.

Documents should only be classified here if the invention is directed to the weaving and has general relevance for weaving. Documents should not be classified here if a woven fabric is mentioned only by way of example.

Classification within D03D 15/00 also requires an appropriate Indexing symbol in [D10B](#).

Insert: The following new Synonyms and Keywords section.

### **Synonyms and Keywords**

*In patent documents, the following words/expressions are often used as synonyms:*

- “polymeric fibre” and “synthetic fibre”

In patent documents the following terms, “polymeric fibre” and “synthetic fibre” are often used as keywords that would be useful to a searcher.

In patent documents, the following terms “fiber”, “fibre” and “filament” are often used as keywords that would be useful to a searcher.

In patent documents, the following terms “yarn” and “thread” are often used as keywords that would be useful to a searcher.

**D03D 15/247**

**Definition statement**

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

Fabrics with warp or weft yarns or threads comprising a mineral like rock or basalt.

**D03D 15/258**

**Definition statement**

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

Fabrics with warp or weft yarns or threads comprising "noble metal", e.g. gold, silver, platinum or iridium.

**D03D 15/292**

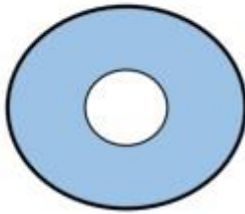
**Definition statement**

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

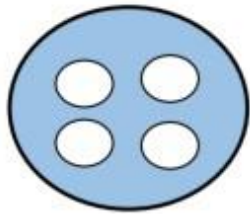
Fabrics with warp or weft yarns or threads comprising conjugate fibres or filaments, i.e. bi- or multicomponent fibres or filaments, e.g. core-sheath and island-in-sea.

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Core-sheath



Island-in-sea

**The single fibre or filament is built up of two or more components.**

## References

### Informative references

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

Multicomponent yarns or threads, e.g. blended yarns or threads	<a href="#">D03D 15/47</a>
Formation of man-made conjugate filaments	<a href="#">D01D 5/30</a>
Conjugated, i.e. bi- or multicomponent, man-made filaments or the like; Manufacture thereof	<a href="#">D01F 8/00</a>

Insert: The following new Glossary of terms section.

### Glossary of terms

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

Conjugate	Indicates fibres or filaments having two or more different components within the individual fibre or filament, e.g. a polyethylene sheath component and a polyester core component.
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**D03D 15/33**

**Definition statement**

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

Fabrics with warp or weft yarns or threads with extremely fine staple fibres or filaments, typically less than 1 dtex.

**D03D 15/43**

**Definition statement**

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

Fabrics comprising separate yarns or threads of different diameters or linear densities or with different diameters within individual yarns or threads.

**D03D 15/44**

**Definition statement**

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

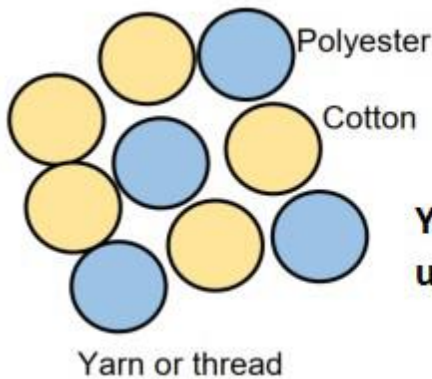
Fabrics with warp or weft yarns or threads defined by a particular cross-sectional shape, e.g. flat, oval or asymmetrical.

**D03D 15/47**

**Definition statement**

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

Fabrics with warp or weft yarns or threads comprising yarns or threads of different materials, e.g. cotton and polyester.



**Yarns and/or threads which are made up of fibres and/or filaments.**

**Glossary of terms**

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

Multicomponent	Yarns or threads having two or more different types of fibres or filaments that are combined together into a yarn or thread structure, indicates yarns or threads built up of two or more components which are joined, e.g. core spun yarn or plied yarn.
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**D03D 15/49**

**Definition statement**

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

Fabrics with warp or weft yarns or threads comprising textured or fancy yarns.

**D03D 15/507**

**Definition statement**

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

Fabrics with warp or weft yarns or threads having magnetic properties.

**D03D 15/513**

**References**

**Informative references**

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

Special materials for outerwear against fire and heat	<a href="#">A41D 31/08</a>
Protective clothing affording protection against heat or harmful chemical agents	<a href="#">A62B 17/00</a>
Heat-resistant, fireproof or flame-retardant yarns or threads	<a href="#">D02G 3/443</a>

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**D03D 15/54**

**Definition statement**

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

Fabrics with effects due to the use of warp or weft yarns or threads of specific colour(s).

**D03D 15/56**

**Definition statement**

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

Fabrics with warp or weft yarns or threads comprising elastic or stretchable yarns or threads.

**References**

**Informative references**

Replace: In the first row of the Informative references table, the existing text with the following updated text.

Woven fabrics which elastic or stretch properties are due to the manner of weaving	D03D 17/00
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**D03D 15/587**

**References**

**Informative references**

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

Yarns in which fibres are united by adhesives	D02G 3/40
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**D03D 15/63**

**Definition statement**

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

Fabrics with warp or weft components formed from strips of materials, e.g. leather straps.

**References**

**Informative references**

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

Artificial leather	D06N 3/00
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**D03D 15/65**

**Definition statement**

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

Fabrics with warp or weft yarns or threads of paper, often paper strips.

**D03D 45/00**

**References**

Insert: The following new Limiting references section.

**Limiting references**

Automatic replenishment in smallware looms	<a href="#">D03D 35/00</a>
Automatic replenishment in circular looms	<a href="#">D03D 37/00</a>

Insert: The following new Informative references section.

**Informative references**

Bobbins rewound on loom	<a href="#">D03J 1/12</a>
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**D03D 47/24**

**References**

Insert: The following new Limiting references section.

**Limiting references**

Travelling-wave-shed looms	<a href="#">D03D 47/26</a>
Inserting mechanisms for shuttles	<a href="#">D03D 49/24</a>

Insert: The following new Informative references section.

**Informative references**

Gripper or dummy shuttles	<a href="#">D03J 5/06</a>
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**D03D 47/36**

Insert: The following new Definition statement.

**Definition statement**

Devices and methods of measuring and cutting the weft.

Devices for measuring and temporary storing the weft.

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

**Relationships with other classification places**

Cutting weft threads is classified in D03D 49/70.

**References**

**Informative references**

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

Cutting weft threads	<a href="#">D03D 49/70</a>
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**D03D 49/00**

**References**

**Informative references**

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

Temples	<a href="#">D03J 1/22</a>
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**D03D 49/70**

**References**

**Limiting references**

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

Cutting weft in looms with automatic weft replenishment	<a href="#">D03D 45/50</a>
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**Informative references**

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

Forming selvages	D03D 47/40
Apparatus for slitting fabric	D03J 1/08
Removing of selvages not on the loom	D06H 7/06