

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 836

DATE: MAY 1, 2020

PROJECT RP0264

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	D04H	1/43825, 1/43828, 1/4383, 1/43832, 1/43835, 1/43838, 1/43912, 1/43914, 1/43916, 1/43918, 1/5412, 1/5414, 1/5416, 1/5418
Titles Changed:	D04H	SUBCLASS
	D04H	1/22
Warnings Deleted:	D04H	1/54
Warnings New:	D04H	1/4382, 1/43825, 1/43835, 1/43838, 1/4391, 1/43912, 1/43914, 1/43916, 1/43918, 1/541, 1/5412, 1/5414, 1/5416, 1/5418
Warnings Modified:	D04H	SUBCLASS
Notes Modified:	D04H	SUBCLASS
DEFINITIONS:		
Definitions Modified:	D04H	SUBCLASS
	D04H	1/42, 1/4382, 1/4391, 3/018

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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS D04H - MAKING TEXTILE FABRICS, e.g. FROM FIBRES OR FILAMENTARY MATERIAL (weaving D03; knitting D04B; braiding {or lace-making } D04C; net-making {or making knotted carpets } D04G; sewing D05B; tufting D05C, {e.g. D05C 15/04 }; finishing non-woven fabrics D06); FABRICS MADE BY SUCH PROCESSES OR APPARATUS, e.g. FELTS, NON-WOVEN FABRICS; COTTON-WOOL; WADDING {NON-WOVEN FABRICS FROM STAPLE FIBRES, FILAMENTS OR YARNS, BONDED WITH AT LEAST ONE WEB-LIKE MATERIAL DURING THEIR CONSOLIDATION } (non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric, B32B; {manufacturing hats A42C; filtering material B01D 39/00; making board or the like from wood fibre B27N; producing shaped articles from mixtures containing fibres B28B 1/52; making layered products from solid layers, at least one of which contains synthetic resin as an essential component B32B 27/00; making or treating glass wool and mineral wool C03B 37/00; compounding ingredients used as fillers for mortars and the like C04B 14/38, C04B 16/06, C04B 20/0048; sintering plastics particles C08J 9/24; manufacturing by extrusion of synthetic filaments and fibres in general D01D; paper D21C - D21H; making shaped articles from liquid suspensions of cellulose fibres D21J})

<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	D04H	0	MAKING TEXTILE FABRICS, e.g. FROM FIBRES OR FILAMENTARY MATERIAL (weaving D03; knitting D04B; braiding D04C; net-making D04G; sewing D05B; tufting D05C; finishing non-woven fabrics D06); FABRICS MADE BY SUCH PROCESSES OR APPARATUS, e.g. FELTS, NON-WOVEN FABRICS; COTTON-WOOL; WADDING {; NON-WOVEN FABRICS FROM STAPLE FIBRES, FILAMENTS OR YARNS, BONDED WITH AT LEAST ONE WEB-LIKE MATERIAL DURING THEIR CONSOLIDATION} (non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric, B32B)	
M	D04H1/22	3	Three-dimensional articles formed by felting processes	
U	D04H 1/4374	3	using different kinds of webs, e.g. by layering webs	
C	D04H 1/4382	3	Stretched reticular film fibres; Composite fibres; Mixed fibres; Ultrafine fibres; Fibres for artificial leather	D04H 1/4382, D04H 1/43825, D04H 1/43828, D04H 1/4383, D04H 1/43832, D04H 1/43835, D04H 1/43838
N	D04H 1/43825	4	{Composite fibres}	

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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#
N	D04H 1/43828	5	{sheath-core}	
N	D04H 1/4383	5	{sea-island}	
N	D04H 1/43832	5	{side-by-side}	
N	D04H 1/43835	4	{Mixed fibres, e.g. at least two chemically different fibres or fibre blends}	
N	D04H 1/43838	4	{Ultrafine fibres, e.g. microfibres}	
C	D04H 1/4391	3	characterised by the shape of the fibres	D04H 1/4391, D04H 1/43912, D04H 1/43914, D04H 1/43916, D04H 1/43918
N	D04H 1/43912	4	{fibres with noncircular cross-sections}	
N	D04H 1/43914	4	{hollow fibres}	
N	D04H 1/43916	4	{microcellular fibres, e.g. porous or foamed fibres}	
N	D04H 1/43918	4	{nonlinear fibres, e.g. crimped or coiled fibres}	
U	D04H 1/5405	3	{at spaced points or locations}	
C	D04H 1/541	3	Composite fibres, e.g. sheath-core, sea-island or side-by-side; Mixed fibres	D04H 1/541, D04H 1/5412, D04H 1/5414, D04H 1/5416, D04H 1/5418
N	D04H 1/5412	4	{sheath-core}	
N	D04H 1/5414	4	{side-by-side}	
N	D04H 1/5416	4	{sea-island}	
N	D04H 1/5418	4	{Mixed fibres, e.g. at least two chemically different fibres or fibre blends}	

*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.

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- **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.

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B. New, Modified or Deleted Warning(s)

SUBCLASS D04H - MAKING TEXTILE FABRICS, e.g. FROM FIBRES OR FILAMENTARY MATERIAL (weaving D03; knitting D04B; braiding {or lace-making} D04C; net-making {or making knotted carpets} D04G; sewing D05B; tufting D05C, {e.g. D05C 15/04}; finishing non-woven fabrics D06); FABRICS MADE BY SUCH PROCESSES OR APPARATUS, e.g. FELTS, NON-WOVEN FABRICS; COTTON-WOOL; WADDING {NON-WOVEN FABRICS FROM STAPLE FIBRES, FILAMENTS OR YARNS, BONDED WITH AT LEAST ONE WEB-LIKE MATERIAL DURING THEIR CONSOLIDATION} (non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric, B32B; {manufacturing hats A42C; filtering material B01D 39/00; making board or the like from wood fibre B27N; producing shaped articles from mixtures containing fibres B28B 1/52; making layered products from solid layers, at least one of which contains synthetic resin as an essential component B32B 27/00; making or treating glass wool and mineral wool C03B 37/00; compounding ingredients used as fillers for mortars and the like C04B 14/38, C04B 16/06, C04B 20/0048; sintering plastics particles C08J 9/24; manufacturing by extrusion of synthetic filaments and fibres in general D01D; paper D21C - D21H; making shaped articles from liquid suspensions of cellulose fibres D21J})

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	D04H	1. Documents of the complete subclass D04H including all subgroups are in the process of being reorganised to the new groups corresponding to the IPC 2012.01 classification scheme defined below. 2. 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	D04H1/4382		Group D04H 1/4382 is impacted by reclassification into groups D04H 1/43825 – D04H 1/43838. All groups listed in this Warning should be considered in order to perform a complete search.
N	D04H1/43825		Groups D04H 1/43825 – D04H 1/43832 are incomplete pending reclassification of documents from group D04H 1/4382. All groups listed in this Warning should be considered in order to perform a complete search.
N	D04H1/43835		Group D04H 1/43835 is incomplete pending reclassification of documents from Group D04H 1/4382. Groups D04H 1/4382 and D04H 1/43835 should be considered in order to perform a complete search.
N	D04H1/43838		Group D04H 1/43838 is incomplete pending reclassification of documents from Group D04H 1/4382. Groups D04H 1/4382 and D04H 1/43838

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			should be considered in order to perform a complete search.
N	D04H1/4391		Group D04H 1/4391 is impacted by reclassification into groups D04H 1/43912 – D04H 1/43918. All groups listed in this Warning should be considered in order to perform a complete search.
N	D04H1/43912		Group D04H 1/43912 is incomplete pending reclassification of documents from group D04H 1/4391. Groups D04H 1/4391 and D04H 1/43912 should be considered in order to perform a complete search.
N	D04H1/43914		Group D04H 1/43914 is incomplete pending reclassification of documents from group D04H 1/4391. Groups D04H 1/4391 and D04H 1/43914 should be considered in order to perform a complete search.
N	D04H1/43916		Group D04H 1/43916 is incomplete pending reclassification of documents from group D04H 1/4391. Groups D04H 1/4391 and D04H 1/43916 should be considered in order to perform a complete search.
N	D04H1/43918		Group D04H 1/43918 is incomplete pending reclassification of documents from group D04H 1/4391. Groups D04H 1/4391 and D04H 1/43918 should be considered in order to perform a complete search.
D	D04H1/54	Groups D04H 1/54 - D04H 1/565 are not complete pending a reorganisation. See also group D04H 1/541 and other subgroups of D04H 1/54	
N	D04H1/541		Group D04H 1/541 is impacted by reclassification into groups D04H 1/5412 – D04H 1/5418. All groups listed in this Warning should be considered in order to perform a complete search.
N	D04H1/5412		Group D04H 1/5412 is incomplete pending reclassification of documents from group D04H 1/541. Groups D04H 1/541 and D04H 1/5412 should be considered in order to perform a complete search.
N	D04H1/5414		Group D04H 1/5414 is incomplete pending reclassification of documents

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			from group D04H 1/541. Groups D04H 1/541 and D04H 1/5414 should be considered in order to perform a complete search.
N	D04H1/5416		Group D04H 1/5416 is incomplete pending reclassification of documents from group D04H 1/541. Groups D04H 1/541 and D04H 1/5416 should be considered in order to perform a complete search.
N	D04H1/5418		Group D04H 1/5418 is incomplete pending reclassification of documents from group D04H 1/541. Groups D04H 1/541 and D04H 1/5418 should be considered in order to perform a complete search.

*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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C. New, Modified or Deleted Note(s)

SUBCLASS D04H - MAKING TEXTILE FABRICS, e.g. FROM FIBRES OR FILAMENTARY MATERIAL (weaving D03; knitting D04B; braiding {or lace-making} D04C; net-making {or making knotted carpets} D04G; sewing D05B; tufting D05C, {e.g. D05C 15/04}; finishing non-woven fabrics D06); FABRICS MADE BY SUCH PROCESSES OR APPARATUS, e.g. FELTS, NON-WOVEN FABRICS; COTTON-WOOL; WADDING {NON-WOVEN FABRICS FROM STAPLE FIBRES, FILAMENTS OR YARNS, BONDED WITH AT LEAST ONE WEB-LIKE MATERIAL DURING THEIR CONSOLIDATION} (non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric, B32B; {manufacturing hats A42C; filtering material B01D 39/00; making board or the like from wood fibre B27N; producing shaped articles from mixtures containing fibres B28B 1/52; making layered products from solid layers, at least one of which contains synthetic resin as an essential component B32B 27/00; making or treating glass wool and mineral wool C03B 37/00; compounding ingredients used as fillers for mortars and the like C04B 14/38, C04B 16/06, C04B 20/0048; sintering plastics particles C08J 9/24; manufacturing by extrusion of synthetic filaments and fibres in general D01D; paper D21C - D21H; making shaped articles from liquid suspensions of cellulose fibres D21J})

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	D04H	<p>1. In this subclass, the following expression is used with the meaning indicated:</p> <ul style="list-style-type: none"> •"non-woven fabrics" means fabrics formed wholly or partly of textile material by processes comprising operations other than the weaving, knitting, braiding, lacing, or knotting of yarns, threads, or filaments for which provision is made in other subclasses of Section D. This expression includes felts, cotton-wool, and wadding. <p>2. In this subclass:</p> <ul style="list-style-type: none"> •some of the non-woven fabrics can also be regarded as "layered products" within the meaning of subclass B32B, and further classification in that subclass should be considered in accordance with the notes thereto; •in cases where the making of non-woven fabrics involves the use of particular chemical compounds or compositions, e.g. for treating or bonding fibres, filaments, or yarns, further classification in other appropriate subclasses should also be considered. <p>3. By varying the proportions of fibres or threads, and the</p>	<p>1. In this subclass, the following terms or expressions are used with the meaning indicated:</p> <ul style="list-style-type: none"> •"non-woven fabrics" means fabrics formed wholly or partly of textile material by processes comprising operations other than the weaving, knitting, braiding, lacing or knotting of yarns, threads or filaments for which provision is made in other subclasses of section D. This expression includes felts, cotton-wool and wadding; •"fibre" means a relatively-short, elongated member of natural or man-made material; •"filament" means an endless or quasi-endless, elongated member of natural or man-made material; •"yarn" means a unitary assembly of fibres, usually produced by spinning; •"thread" means an assembly of yarns or filaments, usually produced by twisting; •"synthetic" fibres or filaments means fibres or filaments or the like manufactured from synthesising polymers or small

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>chemical compounds or compositions, the final products may be given the appearance of paper, cardboard, leather or the like.</p> <p>4. In this subclass, a number of groups, e.g. D04H 1/067, correspond to IPC2012.01</p>	<p>molecules. Examples are polyamide, acrylic, polyester or carbon fibres;</p> <ul style="list-style-type: none"> •"artificial" fibres or filaments means fibres or filaments or the like manufactured by man from natural polymers or their derivatives. Examples are regenerated cellulosic fibres or semi-synthetic fibres; •"man-made" fibres or filaments means fibres or filaments which are manufactured by man including "synthetic" or "artificial" fibres. <p>2. In this subclass:</p> <ul style="list-style-type: none"> •some of the non-woven fabrics can also be regarded as "layered products" within the meaning of subclass B32B, and further classification in that subclass should be considered in accordance with the notes thereto; •in cases where the making of non-woven fabrics involves the use of particular chemical compounds or compositions, e.g. for treating or bonding fibres, filaments or yarns, further classification in other appropriate subclasses should also be considered. <p>3. By varying the proportions of fibres or threads, and the chemical compounds or compositions, the final products may be given the appearance of paper, cardboard, leather or the like.</p>

*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.

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2. A. DEFINITIONS (modified)

D04H

Definition statement

This place covers:

Delete: the **second** bullet statement, “Methods or apparatus for making these products;” and Insert as the **seventh** bullet statement.

Relationships with other classification places

Replace: all occurrences of “nonwoven” or “nonwovens” in this section with “non-woven” or “non-wovens”

Delete: the **fourth** paragraph in this section that is shown below:

Some of the nonwoven fabrics can also be regarded as layered products with the meaning of the subclass **B32B** (laminates).

Replace: in the fifth item of the bulleted list, the comma (“,”) with a period (“.”) so that the bulleted item appears as shown below

- in the medical field: face masks, surgical drapes, sterilization aids.

References

Limiting references

This place does not cover:

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

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Non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric	B32B
Weaving	D03
Knitting	D04B
Braiding or lace making	D04C
Net-making or making knotted carpets	D04G
Sewing	D05B
Tufting	D05C
Finishing non-woven fabrics	D06

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Insert: the following new row in the Application-oriented references table.

Non-woven fabrics for use in absorbent articles, e.g. topsheet, backsheet	A61F13/15
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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 table.

Manufacturing of hats	A42C
Wearing apparel	A41D
Laying carpeting or carpet tiles; Carpet underlay	A47G 27/04
Shaped articles from mixed fibres	B28B 1/00
Making or treating glass wool or mineral wool	C03B 37/00
Compounding ingredients used as filler for mortars and like	C04B
Sintering plastic particles	C08J
Fibre reinforced materials	C08J 5/04, B29C 70/00
Formation of filaments, threads, or the like	D01D 5/00
Carding	D01G

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Lap-forming devices	D01G 25/00
Curling or crimpling of fibres, filaments, or yarns	D02G 1/00
Cellulose production or pulping	D21C
Paper web-making by wet methods	D21F
Paper or pulp	D21H 1/00- D21H 15/00, D21H 21/00, D21H 27/00
Pulp compositions and coating or treatment of paper	D21H 17/00- D21H 19/00, D21H 23/00- D21H 25/00
Making shaped products from liquid suspensions of cellulose	D21J
Roof coverings or underlay	E04D 5/00, E04D 12/002

Insert: the following new Special rules of classification section and text.

Special rules of classification

Looping references between D04H and D05C have been identified. Until this inconsistency is resolved in IPC, the current classification practice in CPC is as follows: non-woven fabric products having pile or tufts formed by the methods of D05C 1/00- D05C 15/00 and resultant products of D05C17/00 would be classified in D05C.

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 table.

Carded thermal bonded and resin bonded staples	fabrics formed by processing textile staple fibres over a card and bonding by resin or thermal means.
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Air laid	fabrics formed by air laying and bonding pulp or staple fibres.
Wet laid	fabrics that contain long (longer than pulp) fibres and are made by papermaking techniques.
Needle punched staples	fabrics formed by processing staple fibres over a card or other web forming device and entangling them by penetrating the fabric with multiple barbed needles.
Spun laced or hydro entangled	fabrics formed by carding, air laying or other web forming techniques and consolidated by hydraulic needling.
Spun bonded	fabrics formed by in-line melt extrusion spinning of filaments of conventional textile denier.
Melt blown	fabrics formed by in-line melt extrusion spinning of very fine fibre diameter, less than one denier.
Non-woven fabrics	fabrics formed wholly or partly of textile material by processes comprising operations other than the weaving, knitting, braiding, lacing, or knotting of yarns, threads, or filaments for which provision is made in other subclasses of Section D. This expression includes felts, cotton-wool, and wadding.
Composite fibres	Conjugated fibres that are manufactured by composite spinning of two or more kinds of immiscible resins, of which the resins form such phase structures as side-by-side, sheath-core, sea-island, wood grain pattern, multi-layered, radial or mosaic in the cross section surface vertical to the fibre axis.
Mixed fibres	Mixture of two or more kinds of fibres made of different substances.
Fleece	Non-woven
Pile	Upright loop or nap raised from the surface of fabrics.
Welding	bonding of fibres or filaments using heat and/or pressure or solvent bonding, i.e. autogenously bonding

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Synonyms and Keywords

Replace: the term “Fiber” with “fibre” in the last row of the Synonyms and Keywords section.

filament	fibre
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D04H 1/42

Definition statement

This place covers:

Replace: the existing Definition statement text with the following.

Fleeces, webs or layers of fleeces or webs composed of fibres without existing or potential mechanical cohesive properties characterised by the fibres having particular fibre features, e.g. chemical composition, fineness or shape, regardless of the method of manufacturing the fleeces, webs or layers.

D04H 1/4382

Definition statement

This place covers:

Replace: the existing Definition statement text with the following.

- Fleeces and webs, or layers of these, made from stretched reticular film fibres, composite fibres, mixed fibres, or ultrafine fibres (including splittable fibres).
- Fleeces and webs or layers of these made from fibres for artificial leather regardless of the fibre length. The fibres for artificial leather can be short fibres or long fibres.

D04H 1/4391

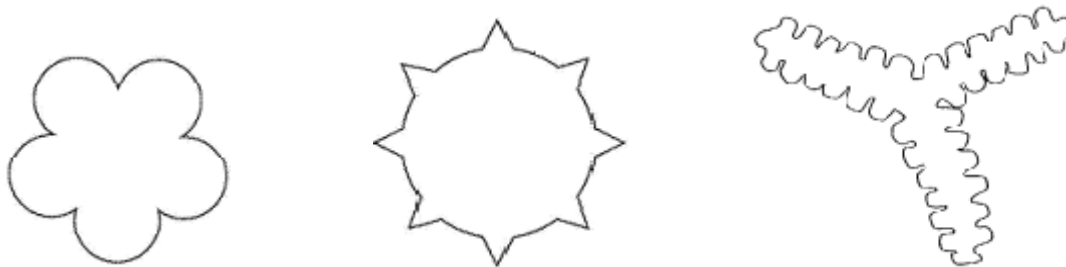
Definition statement

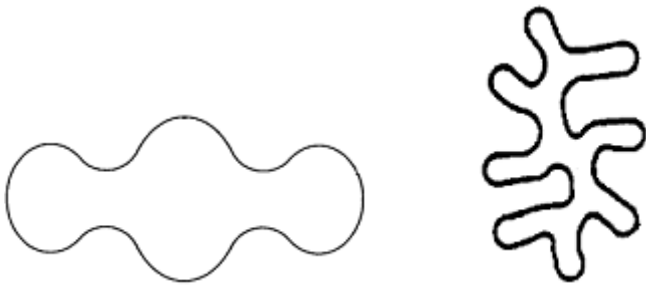
This place covers:

Replace: the existing Definition statement text with the following text and figures.

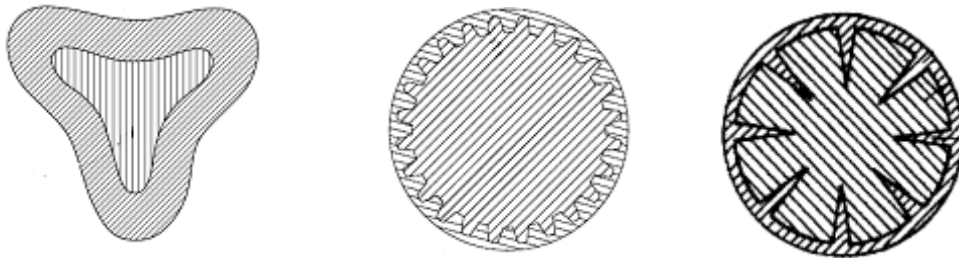
Non-woven fabrics characterised by the shape of the fibres used to form the non-woven fabric. These fibres generally have configurations that deviate from a smooth round fibre shape. For example, the fibres can have modified external cross-sections, e.g. noncircular cross-sections, modified internal cross-sections, e.g. circular or noncircular hollow fibre cores and noncircular internal fibre cores, or the fibres can have nonlinear configurations such as crimped fibres on which specific crimps are given.

Examples of fibres having modified external cross-sections:

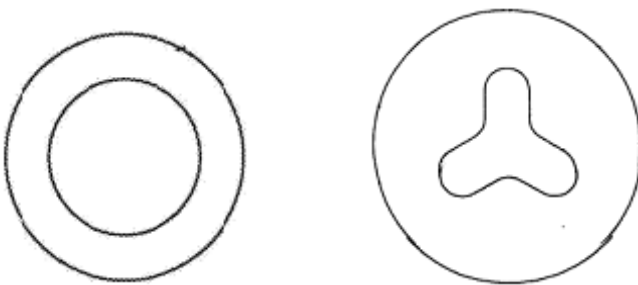




Examples of fibres having modified internal cross-sections:



Examples of fibres having hollow internal cross-sections:



The non-woven fabrics are formed wholly or mainly of staple fibres or the like or relatively short fibres and formed from fleeces or layers composed of fibres without existing or potential cohesive properties insofar as this use has no preponderant influence on the consolidation of the fleece. Fleeces and webs, or layers of these, are made from fibres which are characterized by their shape.

D04H 3/018

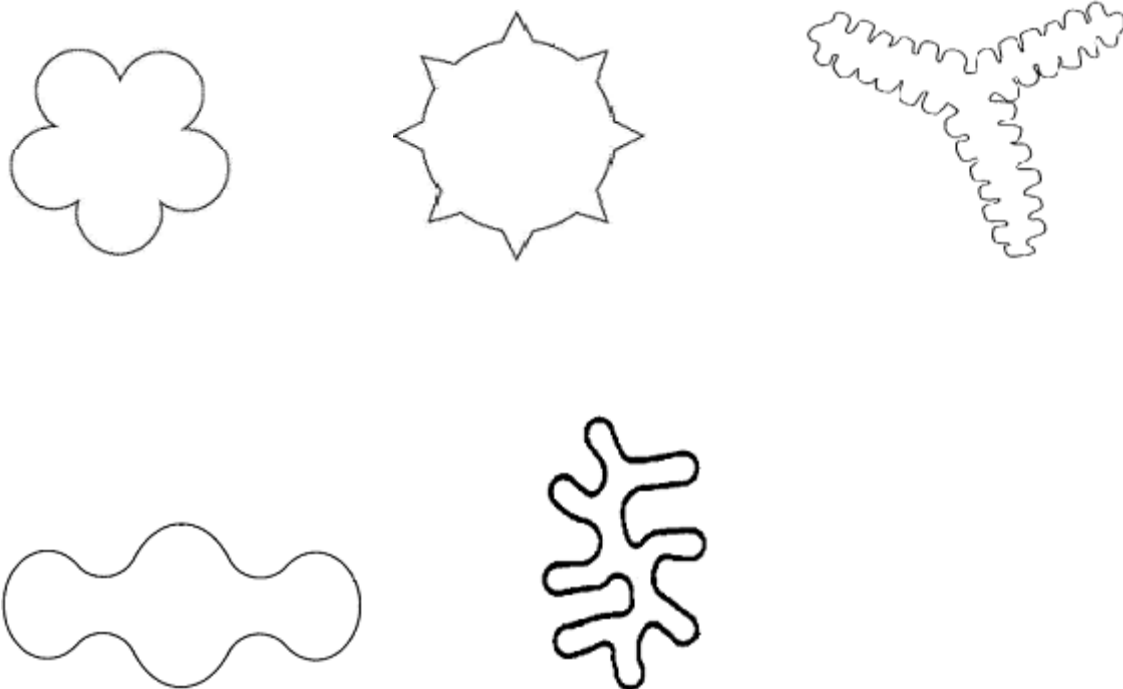
Definition statement

This place covers:

Replace: the existing Definition statement text with the following text and figures.

Non-woven fabrics characterised by the shape of the yarns or like filamentary material used to form the non-woven fabric. For example, the filamentary material can have modified external cross-sections, e.g. noncircular cross-sections, modified internal cross-sections, e.g. circular or noncircular hollow fibre cores and noncircular internal fibre cores, or the yarns or like filamentary material can have nonlinear configurations such as crimped yarns or like filamentary material on which specific crimps are given.

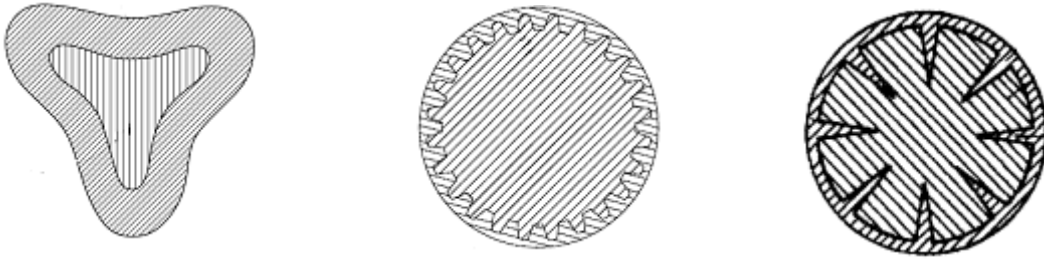
Examples of filamentary materials having modified external cross-sections:



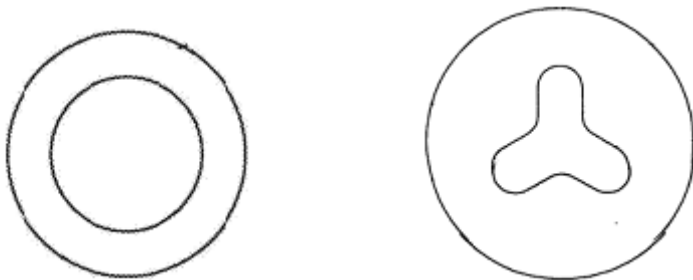
Examples of filamentary materials having modified internal cross-sections:

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Examples of filamentary materials having hollow internal cross-sections:



The non-woven fabrics are formed wholly or mainly of yarns or like filamentary material of substantial length and where a web of continuous filaments is characterised by the shape of the filaments.

References

Informative references

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

Replace: the symbol D04H1/4391 with D04H1/4391-D04H1/43918.

Characterised by the shape of fibres	D04H1/4391-D04H1/43918
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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	D04H 1/4382	D04H 1/4382, D04H 1/43825, D04H 1/43828, D04H 1/4383, D04H 1/43832, D04H 1/43835, D04H 1/43838
C	D04H 1/4391	D04H 1/4391, D04H 1/43912, D04H 1/43914, D04H 1/43916, D04H 1/43918
C	D04H 1/541	D04H 1/541, D04H 1/5412, D04H 1/5414, D04H 1/5416, D04H 1/5418

* 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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
D04H 1/43825	D04H 1/4382	NEW
D04H 1/43828	D04H 1/4382	NEW
D04H 1/4383	D04H 1/4382	NEW
D04H 1/43832	D04H 1/4382	NEW
D04H 1/43835	D04H 1/4382	NEW
D04H 1/43838	D04H 1/4382	NEW
D04H 1/43912	D04H 1/4391	NEW
D04H 1/43914	D04H 1/4391	NEW
D04H 1/43916	D04H 1/4391	NEW
D04H 1/43918	D04H 1/4391	NEW
D04H 1/5412	D04H 1/541	NEW
D04H 1/5414	D04H 1/541	NEW
D04H 1/5416	D04H 1/541	NEW
D04H 1/5418	D04H 1/541	NEW

*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.