

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 353

DATE: JANUARY 1, 2017

PROJECT RP0399

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	D06L	1/005
	D06L	3/00
	D06L	3/02
	D06L	3/021
	D06L	3/023
	D06L	3/025
	D06L	3/026
	D06L	3/028
	D06L	3/04
	D06L	3/06
	D06L	3/061
	D06L	3/063
	D06L	3/065
	D06L	3/066
	D06L	3/068
	D06L	3/08
	D06L	3/085
	D06L	3/10
	D06L	3/11
	D06L	3/12
	D06L	3/1207
	D06L	3/1214
	D06L	3/1221
	D06L	3/1228
	D06L	3/1235
	D06L	3/1242
	D06L	3/125
	D06L	3/1257
	D06L	3/1264
	D06L	3/1271
	D06L	3/1278
	D06L	3/1285
	D06L	3/1292
	D06L	3/14
	D06L	3/16
Symbols newly created:	D06L	1/01
	D06L	4/00
	D06L	4/10
	D06L	4/12
	D06L	4/13

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	D06L	4/15
	D06L	4/17
	D06L	4/18
	D06L	4/20
	D06L	4/21
	D06L	4/22
	D06L	4/23
	D06L	4/24
	D06L	4/26
	D06L	4/27
	D06L	4/28
	D06L	4/29
	D06L	4/30
	D06L	4/40
	D06L	4/50
	D06L	4/60
	D06L	4/607
	D06L	4/614
	D06L	4/621
	D06L	4/629
	D06L	4/636
	D06L	4/643
	D06L	4/65
	D06L	4/657
	D06L	4/664
	D06L	4/671
	D06L	4/679
	D06L	4/686
	D06L	4/693
	D06L	4/70
	D06L	4/75
Title wording change:	D06L	subclass
	D06L	1/00
	D06L	1/04
	D06L	1/12
	D06L	1/22
Deleted Definitions:	D06L	3/00
	D06L	3/11
	D06L	3/12
Modified Definitions:	D06L	subclass
	D06L	1/00
New Definitions:	D06L	4/00
	D06L	4/40
	D06L	4/60

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Scheme Warning Notices to be added:	D06L	4/20
	D06L	4/21
	D06L	4/22
	D06L	4/24
	D06L	4/28
Scheme Notes to be added:	D06L	subclass

The following subclasses/groups are also impacted by this Notice of Changes: C07C, C12P, D06M, D06P, and G21H

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 D06L – DRY-CLEANING, WASHING OR BLEACHING FIBRES, THREADS, YARNS, FABRICS, FEATHERS, OR MADE-UP FIBROUS GOODS**

<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	D06L		DRY-CLEANING, WASHING OR BLEACHING FIBRES, FILAMENTS, THREADS, YARNS, FABRICS, FEATHERS OR MADE-UP FIBROUS GOODS; BLEACHING LEATHER OR FURS	
M	D06L1/00	0	Dry-cleaning or washing fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods	
D	D06L1/005	1	<i>{using only solid or pasty materials}</i>	<Administrative transfer to D06L1/01>
N	D06L1/01	1	using only solid or pasty agents	
M	D06L1/04	2	combined with specific additives (D06L1/06 takes precedence)	
M	D06L1/12	1	using aqueous solvents	
M	D06L1/22	1	Processes involving successive treatments with aqueous and organic agents	
D	D06L3/00	0	<i>Bleaching fibres, threads, yarns, fabrics, feathers, or made-up fibrous goods, leather, or furs {(dyeing and bleaching D06P1/0024)}</i>	<Administrative transfer to D06L4/00>
D	D06L3/02	1	<i>using compounds which develop oxygen (D06L3/06 takes precedence)</i>	<Administrative transfer to D06L4/10>
D	D06L3/021	2	<i>{combined with specific additives}</i>	<Administrative transfer to D06L4/12>
D	D06L3/023	2	<i>{using inorganic compounds}</i>	<Administrative transfer to D06L4/13>
D	D06L3/025	2	<i>{using organic compounds}</i>	<Administrative transfer to D06L4/15>
D	D06L3/026	2	<i>{in an inert solvent}</i>	<Administrative transfer to D06L4/17>
D	D06L3/028	2	<i>{in a gaseous compositions}</i>	<Administrative transfer to D06L4/18>
D	D06L3/04	1	<i>by irradiation or ozonisation {electrolysis}</i>	<Administrative transfer to D06L4/50>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	D06L3/06	1	<i>using compounds which contain halogen</i>	<Administrative transfer to D06L4/20>
D	D06L3/061	2	<i>{combined with specific additives}</i>	<Administrative transfer to D06L4/21>
D	D06L3/063	2	<i>{using organic compounds}</i>	<Administrative transfer to D06L4/27>
D	D06L3/065	2	<i>{in an inert solvent}</i>	<Administrative transfer to D06L4/28>
D	D06L3/066	2	<i>{in a gaseous composition (D06L3/08 takes precedence)}</i>	<Administrative transfer to D06L4/29>
D	D06L3/068	2	<i>{using hypohalogenites}</i>	<Administrative transfer to D06L4/23>
D	D06L3/08	2	<i>chlorites; chlorine dioxide</i>	<Administrative transfer to D06L4/24>
D	D06L3/085	3	<i>{combined with specific additives}</i>	<Administrative transfer to D06L4/26>
D	D06L3/10	1	<i>using reducing agents</i>	<Administrative transfer to D06L4/30>
D	D06L3/11	1	<i>using enzymes</i>	<Administrative transfer to D06L4/40>
D	D06L3/12	1	<i>Optical bleaching {brightening}</i>	<Administrative transfer to D06L4/60>
D	D06L3/1207	2	<i>{Optical brightening in aqueous medium}</i>	<Administrative transfer to D06L4/614>
D	D06L3/1214	3	<i>{with anionic brighteners}</i>	<Administrative transfer to D06L4/621>
D	D06L3/1221	3	<i>{with cationic brighteners}</i>	<Administrative transfer to D06L4/629>
D	D06L3/1228	3	<i>{with disperse brighteners}</i>	<Administrative transfer to D06L4/636>
D	D06L3/1235	2	<i>{Optical brightening in organic solvent}</i>	<Administrative transfer to D06L4/607>
D	D06L3/1242	2	<i>{Optical brightening in gaseous or solid form, e.g. transfer, powder}</i>	<Administrative transfer to D06L4/643>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	D06L3/125	2	<i>{Optical brightening with mixtures of optical brighteners}</i>	<Administrative transfer to D06L4/65>
D	D06L3/1257	2	<i>{Optical brightening combined with other treatments, e.g. finishing, bleaching, softening, dyeing, white pigments}</i>	<Administrative transfer to D06L4/657>
D	D06L3/1264	2	<i>{Optical brighteners preparations, physical treatments of optical brighteners, optical brighteners in aerosol form}</i>	<Administrative transfer to D06L4/664>
D	D06L3/1271	2	<i>{Optical brightening assistants}</i>	<Administrative transfer to D06L4/671>
D	D06L3/1278	2	<i>{Fixing treatments in optical brightening, e.g. heat, steam, acid shock}</i>	<Administrative transfer to D06L4/679>
D	D06L3/1285	2	<i>{Fugitive optical brightening, organic blueing, discharge of optical brighteners, optical brighteners in discharge pastes, differential optical brightening}</i>	<Administrative transfer to D06L4/686>
D	D06L3/1292	3	<i>{Organic blueing with mixtures of organic dyes; mixtures of dyes with optical brighteners}</i>	<Administrative transfer to D06L4/693>
D	D06L3/14	1	<i>Multi-step processes</i>	<Administrative transfer to D06L4/70>
D	D06L3/16	2	<i>combined with cleaning or washing</i>	<Administrative transfer to D06L4/75>
N	D06L4/00	0	Bleaching fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods; Bleaching leather or furs	
N	D06L4/10	1	using agents which develop oxygen (D06L4/20 takes precedence)	
N	D06L4/12	2	combined with specific additives	
N	D06L4/13	2	using inorganic agents	
N	D06L4/15	2	using organic agents	
N	D06L4/17	2	in an inert solvent	
N	D06L4/18	2	in a gaseous environment	
Q	D06L4/20	1	using agents which contain halogen	D06L4/20, D06L4/22
Q	D06L4/21	2	combined with specific additives (D06L4/24 takes precedence)	D06L4/21, D06L4/24, D06L4/26
N	D06L4/22	2	using inorganic agents	
N	D06L4/23	3	using hypohalogenites	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	D06L4/24	3	using chlorites or chlorine dioxide	
N	D06L4/26	4	combined with specific additives	
N	D06L4/27	2	using organic agents	
Q	D06L4/28	2	in an inert solvent (D06L4/24 takes precedence)	D06L4/28, D06L4/24, D06L4/26
N	D06L4/29	2	in a gaseous environment (D06L4/24 takes precedence)	
N	D06L4/30	1	using reducing agents	
N	D06L4/40	1	using enzymes	
N	D06L4/50	1	by irradiation or ozonisation	
N	D06L4/60	1	Optical bleaching or brightening	
N	D06L4/607	2	in organic solvents	
N	D06L4/614	2	in aqueous solvents	
N	D06L4/621	3	with anionic brighteners	
N	D06L4/629	3	with cationic brighteners	
N	D06L4/636	3	with disperse brighteners	
N	D06L4/643	2	wherein the brightener is introduced in a gaseous environment or in solid phase, e.g. by transfer, by use of powders or by use of super-critical fluids	
N	D06L4/65	2	with mixtures of optical brighteners	
N	D06L4/657	2	combined with other treatments, e.g. finishing, bleaching, softening, dyeing or pigment printing	
N	D06L4/664	2	Preparations of optical brighteners; Optical brighteners in aerosol form; Physical treatment of optical brighteners	
N	D06L4/671	2	Optical brightening assistants, e.g. enhancers or boosters	
N	D06L4/679	2	Fixing treatments in optical brightening, e.g. heating, steaming or acid shock	
N	D06L4/686	2	Fugitive optical brightening; Discharge of optical brighteners in discharge paste; Blueing; Differential optical brightening	
N	D06L4/693	3	Blueing with mixtures of dyes; Blueing with mixtures of dyes and optical brighteners	
N	D06L4/70	1	Multi-step processes	
N	D06L4/75	2	combined with cleaning or washing	

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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 D06L – DRY-CLEANING, WASHING OR BLEACHING FIBRES, THREADS, YARNS, FABRICS, FEATHERS, OR MADE-UP FIBROUS GOODS

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	D06L4/20		Group D06L4/20 is impacted by reclassification into group D06L4/22. Groups D06L4/20 and D06L4/22 should be considered in order to perform a complete search.
N	D06L4/21		Group D06L4/21 is impacted by reclassification into groups D06L4/24 and D06L4/26. Groups D06L4/21, D06L4/24, and D06L4/26 should be considered in order to perform a complete search.
N	D06L4/22		Group D06L4/22 is incomplete pending reclassification of documents from group D06L4/20. Groups D06L4/20 and D06L4/22 should be considered in order to perform a complete search.
N	D06L4/24		Groups D06L4/24 and D06L4/26 are incomplete pending reclassification of documents from groups D06L4/21 and D06L4/28. Groups D06L4/21, D06L4/24, D06L4/26, and D06L4/28 should be considered in order to perform a complete search.
N	D06L4/28		Group D06L4/28 is impacted by reclassification into groups D06L4/24 and D06L4/26. Groups D06L4/28, D06L4/24, and D06L4/26 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 D06L – DRY-CLEANING, WASHING OR BLEACHING FIBRES, THREADS, YARNS, FABRICS, FEATHERS, OR MADE-UP FIBROUS GOODS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	D06L		<p>1. In this subclass, the term “bleaching” also covers “optical bleaching”.</p> <p>2. This subclass <u>does not cover</u> treatment of textiles by purely mechanical means, which is covered by subclasses D06B, D06C or D06F.</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.

2. A. DEFINITIONS

(Definitions Deleted)

Delete: The following three definitions completely:

D06L3/00, D06L3/11, and D06L3/12

(Definitions Modified)

D06L

Definition statement

Delete: All paragraphs in the Definitions statement section.

Insert: The following replacement paragraphs:

Dry-cleaning or industrial washing of fibres, filaments, threads, yarns, fabrics, feathers, or made-up fibrous goods using organic, inorganic or aqueous baths. Processes include desizing or chemical preparation for subsequent chemical treatments like dyeing or the application of finishing agents. Furthermore, it includes the regeneration of used chemical baths, working under pressure in closed vessels, processes combined with mechanical means, and multi-step processes.

Bleaching fibres, filaments, threads, yarns, fabrics, feathers, or made-up fibrous goods, leather, or furs using, for example, reducing agents, enzymes, irradiation, ozonisation or optical bleaching and compounds which develop oxygen or which contain halogen.

Relationships with other classification places

Delete: The following paragraph:

The chemical finishing of textile materials D06M.

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Insert: The following replacement paragraphs:

D06L covers fading of naturally occurring colour and **D06P** covers removing of dyes from dyed textiles, e. g. using reserving agents, etch resists.

In case of a multi-step treatment process comprising both mechanical steps and chemical steps, where a mechanical step might be one of the treatment steps, **D06L** does not provide for a single purely mechanical treatment step, e.g. **D06L1/20** dry-cleaning or washing fibres, filaments, threads, yarns, fabrics using aqueous baths combined with mechanical means

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:

Preparations for bleaching the hair	A61Q5/08
Preparations for deodorising, bleaching or disinfecting dentures	A61Q11/02
Preparations for chemically bleaching or whitening the skin	A61Q19/02
Surface treatment of fibres or filaments of glass, mineral wool, or slag wool	C03C25/00
Detergent compositions	C11D
Bleaching agents	C11D3/395
Brightening agents	C11D3/42
Enzymes, enzymes compositions	C12N9/00
Chemical treatment of natural filamentary or fibrous material to obtain filaments or fibres for spinning	D01C
Chemical after-treatment of artificial filaments or the like during manufacture	D01F11/00
Pleating, kilting or goffering textile fabrics or wearing apparel	D06J
Chemical treatment of textile materials, Sizing agents	D06M

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Decolouration of dyed textile materials, stripping dyes from dyed textile materials	D06P5/13
Locally discharging the dyes, e. g. using reserving agents, etch resists	D06P5/15
Stone washing	D06P5/20, D06P7/00, D06M11/79
Transfer printing	D06P5/003
Bleaching cellulose pulp or cotton linters	D21C9/10

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:

Fibre	Fibre is a relatively short, elongated member or natural or artificial material.
Filament	Filament is an endless or quasi-endless, elongated member of natural or man-made material;
Thread	Thread is an assembly of yarns or filaments usually produced by twisting.
Yarn	Yarn is a unitary assembly of fibres or filaments, usually produced by spinning.
Fabric	Fabric is a planar textile structure produced by interlacing yarns, threads, fibers or filaments by a weaving, knitting or non-woven process.
Bleaching	Process of improving the whiteness of textile materials, with or without the removal of natural colouring matter and/or extraneous substances, by a bleaching agent
Brightening	Process of making textile materials brighter by using a brightener or optical brightening agent
Optical bleaching or brightening	Processes that give textile materials the effect of great whiteness and brightness by the use of optical brightening agents
Optical brightener, optical whitener, brightening agents,	A substance that is added to an uncoloured or a coloured textile material to increase the apparent reflectance in the visible region by

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<p>fluorescent brightener, fluorescent whitening agent</p>	<p>conversion of ultra-violet radiation into visible light and so to increase the apparent brightness or whiteness</p> <p>Optical brighteners, optical brightening agents (OBAs), fluorescent brightening agents (FBAs) or fluorescent whitening agents (FWAs) are chemical compounds that absorb light in the ultraviolet and violet region (usually 340-370 nm) of the electromagnetic spectrum, and re-emit light in the blue region (typically 420-470 nm). Fluorescent activity is a short term or rapid emission response, unlike phosphorescence, which is a delayed emission. These additives are often used to enhance the appearance of colour of fabric and paper, causing a "whitening" effect, making materials look less yellow by increasing the overall amount of blue light reflected.</p> <p>FLUORESCENT BRIGHTENING AGENTS are colourless fluorescent dyes. They are also called OPTICAL BRIGHTENERS. In accordance with their definition as "colourless" fluorescent dyes, Their colouristic performance is that of fluorescent dyes, without absorbing light in the visible range of the spectrum. They absorb ultraviolet rays present in incident sunlight. This absorbed ultraviolet light is re-emitted by the FLUORESCENT BRIGHTENING AGENT, which is of longer wavelength than the incident ultraviolet light and is known as the fluorescence light.</p> <p>This generally falls in the blue region of the visible spectra. The fluorescence light is then superimposed on the reflected light thereby restoring the balance of different colours and hence producing brilliant white effect</p>
<p>Differential optical brightening</p>	<p>Process to optically brighten fibres which are of the same basic type, e.g. nylon, but with different optical brightening properties.</p>

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Insert: The following new Synonyms and Keywords section.

Synonyms and Keywords

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

- “Optical bleaching agents”, “Brightening agents”, “Brighteners”

D06L1/00

Limiting references

Delete: The entire *Limiting references* section including all three rows.

Insert: The following new *Informative references* section.

Informative references

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

Washing machines	D06F
Dry cleaning apparatuses	D06F43/00
Domestic spin dryers	D06F49/00

Special rules of classification

Delete: The following from the first paragraph in Special rules:

C02

Replace with: The following:

CO₂

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(Definitions New)

Insert: The following three new definitions:

D06L4/00

Bleaching fibres, filaments, threads, yarns, fabrics, feathers, or made-up fibrous goods, leather, or furs

Definition statement

All chemical bleaching processes and compositions using oxidizing, reducing or optical bleaching agents as well as enzymatic compositions; processes which are providing whiter textile materials than non-treated textile materials.

In the present case, bleaching means fading of natural colour and not removal of dyes.

References

Informative references

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

Bleaching of hair	A61K
Removal of impurities from raw natural fibres, scouring or degumming	D01C
Dyeing and bleaching in one process	D06P1/0024
The decolouration of dyed textile materials, fugitive dyeing or stripping dyes	D06P5/13
Locally discharging the dyes, discharge printing	D06P5/15
Stone washing	D06P5/4520 , D06P7/00

Special rules of classification

In case of overlapping with [D06P1/0024](#), it is recommended to both classify in [D06L4/00](#) or its subgroups as well as in [D06P1/0024](#). It is also recommended to allocate other relevant [D06P](#) groups which are covering the dyeing aspects.

D06L4/40

using enzymes

Definition statement

This place covers:

The bleaching of textile materials, leather or furs with compositions containing enzymes.

References

Informative references

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

Detergent compositions containing enzymes	C11D3/386
Enzymes, enzymes compositions	C12N9/00
Immobilized enzymes	C12N11/00
Chemical treatment of textile materials with enzymes	D06M16/00

D06L4/60

Optical bleaching or brightening

Definition statement

This place covers:

The optical bleaching or brightening of textile materials, i.e. the treatment of textile materials with compounds providing the effect of great whiteness, generally fluorescent colourless dyes which are reflecting more blue light.

References

Informative references

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

The dyeing of textile materials	D06P
Effecting dyeing to obtain luminescent or phosphorescent dyeings	D06P1/0012
Dyeing and bleaching in one process	D06P1/0024

Special rules of classification

When the composition comprises a mixture of optical brighteners, it is recommended to allocate [D06L4/65](#) but in case the composition comprises a mixture of optical brightener and dye, then [D06L4/657](#) or [D06L4/693](#) should be allocated.

Synonyms and Keywords

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

- “Optical bleaching agents”, “Optical bleaching compounds”, “Brightening agents”, “Brighteners”

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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>
D06L3/00	Entire definition		DELETE the entire definition – the symbol and text.
D06L3/11	Entire definition		DELETE the entire definition – the symbol and text.
D06L3/12	Entire definition		DELETE the entire definition – the symbol and text.

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)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	D06L1/005	<Administrative transfer to D06L1/01>
D	D06L3/00	<Administrative transfer to D06L4/00>
D	D06L3/02	<Administrative transfer to D06L4/10>
D	D06L3/021	<Administrative transfer to D06L4/12>
D	D06L3/023	<Administrative transfer to D06L4/13>
D	D06L3/025	<Administrative transfer to D06L4/15>
D	D06L3/026	<Administrative transfer to D06L4/17>
D	D06L3/028	<Administrative transfer to D06L4/18>
D	D06L3/04	<Administrative transfer to D06L4/50>
D	D06L3/06	<Administrative transfer to D06L4/20>
D	D06L3/061	<Administrative transfer to D06L4/21>
D	D06L3/063	<Administrative transfer to D06L4/27>
D	D06L3/065	<Administrative transfer to D06L4/28>
D	D06L3/066	<Administrative transfer to D06L4/29>
D	D06L3/068	<Administrative transfer to D06L4/23>
D	D06L3/08	<Administrative transfer to D06L4/24>
D	D06L3/085	<Administrative transfer to D06L4/26>
D	D06L3/10	<Administrative transfer to D06L4/30>
D	D06L3/11	<Administrative transfer to D06L4/40>
D	D06L3/12	<Administrative transfer to D06L4/60>
D	D06L3/1207	<Administrative transfer to D06L4/614>
D	D06L3/1214	<Administrative transfer to D06L4/621>
D	D06L3/1221	<Administrative transfer to D06L4/629>
D	D06L3/1228	<Administrative transfer to D06L4/636>
D	D06L3/1235	<Administrative transfer to D06L4/607>
D	D06L3/1242	<Administrative transfer to D06L4/643>
D	D06L3/125	<Administrative transfer to D06L4/65>
D	D06L3/1257	<Administrative transfer to D06L4/657>
D	D06L3/1264	<Administrative transfer to D06L4/664>
D	D06L3/1271	<Administrative transfer to D06L4/671>
D	D06L3/1278	<Administrative transfer to D06L4/679>
D	D06L3/1285	<Administrative transfer to D06L4/686>
D	D06L3/1292	<Administrative transfer to D06L4/693>
D	D06L3/14	<Administrative transfer to D06L4/70>
D	D06L3/16	<Administrative transfer to D06L4/75>
Q	D06L4/20	D06L4/20, D06L4/22
Q	D06L4/21	D06L4/21, D06L4/24, D06L4/26
Q	D06L4/28	D06L4/28, D06L4/24, D06L4/26

* 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, F and Q type entries are included in the table above.

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- 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>
D06L1/005		DELETE
D06L1/01	D06L1/01	NEW
D06L3/00		DELETE
D06L3/02		DELETE
D06L3/021		DELETE
D06L3/023		DELETE
D06L3/025		DELETE
D06L3/026		DELETE
D06L3/028		DELETE
D06L3/04		DELETE
D06L3/06		DELETE
D06L3/061		DELETE
D06L3/063		DELETE
D06L3/065		DELETE
D06L3/066		DELETE
D06L3/068		DELETE
D06L3/08		DELETE
D06L3/085		DELETE
D06L3/10		DELETE
D06L3/11		DELETE
D06L3/12		DELETE
D06L3/1207		DELETE
D06L3/1214		DELETE
D06L3/1221		DELETE
D06L3/1228		DELETE
D06L3/1235		DELETE
D06L3/1242		DELETE
D06L3/125		DELETE
D06L3/1257		DELETE
D06L3/1264		DELETE
D06L3/1271		DELETE
D06L3/1278		DELETE
D06L3/1285		DELETE
D06L3/1292		DELETE
D06L3/14		DELETE
D06L3/16		DELETE
D06L4/00	D06L4/00	NEW
D06L4/10	D06L4/10	NEW
D06L4/12	D06L4/12	NEW
D06L4/13	D06L4/13	NEW
D06L4/15	D06L4/15	NEW
D06L4/17	D06L4/17	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
D06L4/18	D06L4/18	NEW
D06L4/20	D06L4/20	NEW
D06L4/21	D06L4/21	NEW
D06L4/22	D06L4/22	NEW
D06L4/23	D06L4/23	NEW
D06L4/24	D06L4/24	NEW
D06L4/26	D06L4/26	NEW
D06L4/27	D06L4/27	NEW
D06L4/28	D06L4/28	NEW
D06L4/29	D06L4/29	NEW
D06L4/30	D06L4/30	NEW
D06L4/40	D06L4/40	NEW
D06L4/50	D06L4/50	NEW
D06L4/60	D06L4/60	NEW
D06L4/607	D06L4/607	NEW
D06L4/614	D06L4/614	NEW
D06L4/621	D06L4/621	NEW
D06L4/629	D06L4/629	NEW
D06L4/636	D06L4/636	NEW
D06L4/643	D06L4/643	NEW
D06L4/65	D06L4/65	NEW
D06L4/657	D06L4/657	NEW
D06L4/664	D06L4/664	NEW
D06L4/671	D06L4/671	NEW
D06L4/679	D06L4/679	NEW
D06L4/686	D06L4/686	NEW
D06L4/693	D06L4/693	NEW
D06L4/70	D06L4/70	NEW
D06L4/75	D06L4/75	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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
G21H5/00	D06L3/04	D06L4/50

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C07C407/00	D06L3/02	Informative references	D06L4/10
C07C409/00	D06L3/02	Informative references	D06L4/10
C12P	D06L3/11	Limiting references	D06L4/40
D06M16/003	D06L3/11	Informative references	D06L4/40
D06P	D06L3/12	Limiting references	D06L4/60
D06P1/0036	D06L3/12	Relationships with other classification places	D06L4/60
G21H	D06L3/04	Application-oriented references	D06L4/50
G21H5/00	D06L3/04	Informative references	D06L4/50

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.