400. MEASURING, TESTING, OR INSPECTING
   DYE PROCESS
401. USING ENZYMES, DYE PROCESS,
   COMPOSITION, OR PRODUCT OF
   DYEING
402. WOOD DYEING PROCESS
403. FUGITIVE DYE COMPOSITION, PROCESS
   OR PRODUCT
404. DYEING INVOLVING ANIMAL-DERIVED
   NATURAL FIBER MATERIAL (OTHER
   THAN SOLELY WOOL OR SILK),
   E.G., LEATHER, FUR, HAIR,
   FEATHERS, ETC., COMPOSITION,
   PROCESS, OR PRODUCT
405. Hair dyeing
   .Oxidation dye
   ...With dye other than oxidation dye
   ...Plural dyes or dye and coupling agent
   ....Heterocyclic amine dye
   ....Paradiaminobenzene dye
   .....With metadiaminobenzene dye
   .....With aminophenol dye
   ...Nitroaniline dye
   ....Nitrophenylenediamine dye
   ...Aryldiamine dye
   ...Aminophenol dye
   ...Aminoheterocyclic dye
   ...Phenols (natural oxidation dye)
   ...Mordant, solvent dye formation or
   metallized azo dye
406. .Basic dye, including
   diphenylmethane,
   triphenylmethane, xanthene,
   fluorene, methine, acridine,
   oxazine, phenazine, flavylium,
   naphthoquinone, quinophthalone,
   quaternary ammonium group, etc.,
   containing
407. .Acid (including direct) dye,
   e.g., sulfonated, sulfamated,
   etc.
408. .Dye reactive with hair
   .Developed on the hair
409. .With fluid treatment, e.g.,
   bleaching with dyeing, etc.
410. ...-S-S- bond disruption, e.g.,
   use of thioglycolates, etc.
411. ...Swelling of hair
412. .Solvent assisted dyeing
413. .Leather dyeing
414. .Azo dye
415. PROCESS OF EXTRACTING OR
   PURIFYING OF NATURAL DYE
416. .Logwood
417. DYE RECOVERY PROCESS, OTHER THAN
   NOMINAL RECOVERY
418. PROCESS OF COLOR RENOVATING A
   DYED PRODUCT
419. COLOR PROTECTING PROCESS FOR DYED
   PRODUCT
420. WEIGHTING PROCESS (LOADING SILK
   WITH METAL SALTS)
421. DYEING PROCESS UTILIZING
   ELECTRIC, MAGNETIC, OR WAVE
   ENERGY; OR PRODUCT THEREOF
422. PROCESS OF PRINTING PERMANENTLY
   ON SUBSTRATE, OTHER THAN
   NOMINAL PRINTING, USING PRINT
   PASTE CONTAINING DISCHARGE
   MATERIAL, RESIST MATERIAL, OR
   DYE MATERIAL; OR STENCIL
   DYEING
423. .Resist or reserve
424. .Wax
425. .Chemically modified local areas
426. .Reactive dye
427. .Oxidation dye, e.g., aniline,
   nitroaniline, etc.
428. .Azo dye component ground
429. .Mordant dye, e.g., dye with a
   metal chelating group, etc.
430. .Vat dye or sulfur dye, e.g.,
   quinonic or indigoid reducible
   dye, sulfur organic reaction
   product dye, etc.
431. .Basic dye, including
   dihydroxybenzene,
   triphenylmethane, xanthene,
   fluorene, methine, acridine,
   oxazine, phenazine, flavylium,
   naphthoquinone, quinophthalone,
   quaternary ammonium group, etc.,
   containing
432. .Acid (including direct) dye,
   e.g., sulfonated, sulfamated,
   etc.
433. .Disperse dye
434. .Discharge utilized
435. .Chemically modified local areas
436. .Oxidation dye, e.g., aniline,
   nitroaniline, etc.
437. .Mordant dye

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<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>461</td>
<td>Vat dye or sulfur dye, e.g., quinonic or indigoid reducible, or sulfur organic compound reaction product dye, etc.</td>
</tr>
<tr>
<td>462</td>
<td>Basic dye, including diphenylmethane, triphenylmethane, xanthenes, fluorenes, methine, acridines, oxazines, phenazines, flavyliums, naphthoperinones, quinophthalones, quaternary ammonium group, etc., containing</td>
</tr>
<tr>
<td>463</td>
<td>Acid (including direct) dye, e.g., sulfonated, sulfamated, etc.</td>
</tr>
<tr>
<td>464</td>
<td>Disperse dye</td>
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<tr>
<td>465</td>
<td>Vat dye or sulfur dye, e.g., quinonic or indigoid reducible dye, sulfur organic compound reaction product dye, etc.</td>
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<tr>
<td>466</td>
<td>Azo dye</td>
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<tr>
<td>467</td>
<td>Diffusion transfer dyeing process, transfer sheet and product</td>
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<td>468</td>
<td>Release layer utilized</td>
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<tr>
<td>469</td>
<td>Steam</td>
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<td>470</td>
<td>Dry heat treatment for penetration</td>
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<td>471</td>
<td>Sublimation</td>
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<tr>
<td>472</td>
<td>Air pressure</td>
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<tr>
<td>473</td>
<td>Subambient temperature dyeing process, i.e., less than 20 degrees C.</td>
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<tr>
<td>474</td>
<td>Reactive gas or reactive vapor utilized in dye process</td>
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<tr>
<td>475</td>
<td>Confined gas phase superatmospheric pressure dyeing process (other than steam below 138 degrees C.)</td>
</tr>
<tr>
<td>476</td>
<td>Steam (at 138 degrees C. or above)</td>
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<tr>
<td>477</td>
<td>Foam dye composition or process pattern effect dyeing, process, compositions, or products</td>
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<tr>
<td>478</td>
<td>Discontinuous or multidirectional movement of substrate</td>
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<tr>
<td>479</td>
<td>Cross dyeing</td>
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<tr>
<td>480</td>
<td>Mixture of treated and untreated individual fibers</td>
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<tr>
<td>481</td>
<td>Suppress dyeing, e.g., fold, twist, wrinkle, etc.</td>
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<tr>
<td>482</td>
<td>Random pattern effect, e.g., space dyeing, etc.</td>
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<tr>
<td>483</td>
<td>Differential diffusion</td>
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<td>484</td>
<td>Two or more sequential dye application steps</td>
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<tr>
<td>485</td>
<td>Direct contact with applicator</td>
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<tr>
<td>486</td>
<td>Roller or disc</td>
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<tr>
<td>487</td>
<td>Bonding of preform, e.g., flocking, etc., with dyeing, process or product</td>
</tr>
<tr>
<td>488</td>
<td>Drawing or stretching of preform with dyeing, process or product</td>
</tr>
<tr>
<td>489</td>
<td>Process of preserving substrate combined with dyeing or product thereof, e.g., biocidal or fire retardant treatment, etc.</td>
</tr>
<tr>
<td>490</td>
<td>Overall dimensional modification or stabilization, e.g., creping, etc., including use of chemical additive to form at least a temporary composition, with dyeing process</td>
</tr>
<tr>
<td>491</td>
<td>Solvent treatment of synthetic fibers</td>
</tr>
<tr>
<td>492</td>
<td>Modification of molecular structure of substrate by chemical means, e.g., cross-linking of substrate, hydrolysis of substrate, etc.</td>
</tr>
<tr>
<td>493</td>
<td>Nominal textile manufacture process combined with dyeing or sizing with dyeing process or product</td>
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<tr>
<td>494</td>
<td>Aminoplast or aminoplast precursor coating</td>
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<td>495</td>
<td>Forming, shaping, or reshaping with dyeing process or product</td>
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<tr>
<td>496</td>
<td>Process of dyeing involving dry powder application</td>
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<tr>
<td>497</td>
<td>Spray-dyeing process</td>
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<tr>
<td>498</td>
<td>Dyeing process utilizing mechanical pressure, e.g., presses, etc.</td>
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<tr>
<td>499</td>
<td>Two-phase system dyeing composition or process</td>
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<tr>
<td>500</td>
<td>Replenishment or replacement of same bath liquor in dyeing process</td>
</tr>
<tr>
<td>501</td>
<td>Dyeing process involving burning of reagents</td>
</tr>
</tbody>
</table>

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CLASS 8 BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS

504 PROCESS INVOLVING PLURAL APPLICATION STEPS WITH SAME DYE
505 DIFFERENTIAL FLUID PRESSURE ASSISTED DYING PROCESS, E.G., AIR PRESSURE, VACUUM, ETC.
506 NONTEXTILE, DYING PROCESS OR PRODUCT, INCLUDING INORGANIC FIBER
507 .Contact lens
508 .Vinyl chloride polymer substrate
509 .Acrylate polymer substrate
510 .Acrylonitrile polymer substrate
511 .Contains basic addition monomer, e.g., vinyl pyridine, etc.
512 .Polymer from polyol and a polycarboxylic acid or derivative substrate
513 .Olefin polymer substrate or rubber
514 .Styrene polymer
515 .Polymer from isocyanate and polyol, e.g., polyurethane, etc., substrate
516 .Amide polymer substrate
517 .Natural polyeamide, e.g., casein, gelatin, keratin, collagen, etc.
518 .Cellulose substrate other than paper
519 .Cellulose ester or cellulose ether
520 .Phenol-aldehyde resin substrate
521 .Oil, fat, wax, or gasoline dyeing
522 .Inorganic substrate
523 .Silica or calcareous substrate, e.g., glass, etc.
524 DRY DYE COMPOSITION OTHER THAN MERE MIXTURE OF TWO OR MORE DYES ALONE OR PROCESS OF MAKING
525 .Dye soap or detergent
526 .Dye in specified form other than mere powder
527 DYE CONCENTRATE COMPOSITION WHEREIN AN ADDITIONAL AMOUNT OF A CONSTITUENT OF THE COMPOSITION MUST BE ADDED BEFORE USE
528 .Highly viscous dye concentrate, e.g., paste, etc.

529 MULTIPLE CHEMICALLY DIVERSE FIBERS OR FIBERS WITH DIFFERENT CROSS SECTION, PROCESS OF DYEING OR PRODUCT
530 .Resisting a fiber
531 .Synthetic polamide
532 .Polyester fiber and cellulose fiber
533 .Polyester fiber and wool or silk fiber
534 .Polyacrylonitrile fiber

535 PHENOL–ALDEHYDE FIBER DYING COMPOSITION, PROCESS, OR DYED PRODUCT
536 .FIBER DERIVED FROM SAPONIFIED CELLULOSE ESTERS OR FROM NITROCELLULOSE CONVERTED TO CELLULOSE, DYE COMPOSITION, PROCESS, OR PRODUCT
537 .MERCERIZED CELLULOSE FIBER OR PARCHMENTIZED CELLULOSE FIBER DYING COMPOSITION, PROCESS, OR PRODUCT
538 .GELLED FIBER–DYING PROCESS OR PRODUCT
539 .SYNTHETIC FIBER PRODUCED FROM MATERIAL WHICH CONTAINS PENDANT –COO–, -(O)=S(O)=O–, –O–(O=)P(=O)=O–, PYRIDINO, DIALKYLAMINOALKYL–, OR QUATERNARY AMMONIUM RADICAL, DYING PROCESS OR PRODUCT
540 .Quaternary ammonium, pyridino, or dialkylaminoalkyl

541 ACYLATING AGENT OR CROSS–LINKER DYE ADDITIVE, COMPOSITION, PROCESS, OR PRODUCT
542 .Pretreatment of substrate

543 REACTIVE DYE COMPOSITION, PROCESS, OR PRODUCT
544 .1,2-epoxy terminal group dye or Halohydroxdye, e.g., -CH(OH)-CHCl containing
545 .Thiosulfato group containing dye
546 .Quaternary ammonium group containing dye
547 .Alkylene phosphate or phosphite dye
548 .Alkylene sulfato, halotriazine, halodiazine, haloquinoxaline, or halopyrimidine dye
549

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ORGANIC ADDITIVE FOR DYE COMPOSITION, DYE COMPOSITION CONTAINING ORGANIC ADDITIVE, PROCESS OR PRODUCT; OTHER THAN EMULSIFIER, PH ADJUSTER OR STARCH OR GUM PRINT PASTE THICKENER

- Ethylenimine or polymer thereof or polyalkylene polyamine
- Polymeric additive
- Derived from vinyl pyrrolidone or vinyl pyridine
- Cationic polymer, e.g., aminated polymer without -COO-, -(O=S(=O))-, -O(=O)P(=O)-O- groups, e.g., polyacrylamide, etc.
- Acrylamide or dialkylaminoalkylacrylate polymer
- Cyanamide- or dicyandiamide-formaldehyde polymer
- Acid polymer, e.g., carboxylated or sulfonated polymer
- Acrylic acid polymer
- Carboxyalkylene cellulose
- Phenol-aldehyde polymer
- Carbohydrate
- Cellulose ester or cellulose ether
- Polypeptide or protein
- Lactam
- Six-membered hetero ring having two or more ring hetero atoms of which at least one is nitrogen
- Triazines (including hydrogenated)
- Diazines (including hydrogenated)
- Six-membered hetero ring consisting of one nitrogen and five carbon atoms
- Quinolines
- Five-membered hetero ring having two or more ring hetero atoms of which at least one is nitrogen
- Hetero N ring contains a sulfur atom (including hydrogenated)
- Hetero N ring contains an oxygen atom (including hydrogenated)

-Sulfur-containing hetero ring consisting of one nitrogen and four carbon atoms
-Oxygen-containing hetero ring
-Furyl (including hydrogenated)
-Lactones
-Hetero ring is six-membered consisting of one oxygen and five carbons
-Fats, higher fatty acids or esters, oils or waxes, other than nitrogen containing
-Silicon-containing
-Carboxylic acid esters, cyanates, isocyanates, or sulfur analogues thereof
-Aromatic
-Phosphorus-containing
-Ureas, thioureas, pseudoureas, or pseudothioureas
-Carboxamides or thiocarboxamides
-Sulfur-containing
-Sulfonic acids or sulfonic acid esters
-Aromatic
-Acyclic
-Sulfamic or sulfinic acids, salts, or esters
-Sulfonamides
-Carboxylic acid or salt thereof
-Tannins or tannic acid
-Contains heavy metal
-Amine
-Acyclic
-Hydroxy-containing
-Heavy metal-containing
-Halogen-containing
-Nitrogen-containing, other than nitro or nitroso
-Nitrile
-Amino alkanol
-Anilines
-Quaternary ammonium compound
-Ketone
-Aldehyde
-Ether
-Aryl ether
-Alcohol
-Chlorohydrin

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CLASS 8 BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS

613 ..Phenols
614 ..Halogen-containing
615 ..Fluorine
616 ..Aromatic
617 ..Hydrocarbon

618 INORGANIC ADDITIVE FOR DYE
619 COMPOSITION, DYE COMPOSITION
620 CONTAINING INORGANIC ADDITIVE,
621 PROCESS OR PRODUCT; OTHER THAN
622 EMULSIFIER, PH ADJUSTER,
623 WATER, NITROUS ACID FOR AZO
624 COUPLING OR SULFUR REDUCING
625 AGENT FOR VAT OR SULFUR DYE

637.1 Pigments used as dyes
638 (imbibition of a pigment)
639 ..Mixed dyes, noncomplexed
640 ..Azo
641 ...With sulfur dye or vat dye
642 ...Sulfonated azo
643 ...Sulfur dye or vat dye
644 ..Anthraquinone dye
645 ..Basic dye
646 ..Inorganic dye (mineral dye)
647 .Polymeric dye, e.g., a
648 chromophore pendant from an
649 addition polymer, etc.

649 .Fluorescent dye, e.g., stilbene,
650 benzimidazole, benzoazole,
651 benzothiazole, pyrazoline dye,
652 etc., optical brightner or
653 bluing agent

650 .Sulfur dye or vat dye
651 ..Soluble leuco ester salts
652 ..Sulfur dye (sulfur-organic
653 reaction product dye)
654 ..Indigoid dye
655 .Basic (cationic) dye containing
656 strongly basic onium or
657 alkylene imine group
658 ..Heterocyclic onium group, e.g.,
659 pyridinium, etc.

659 .Molybdenum, uranium, or tungsten
660 (wolfram)
661 ..Group VA metal (As, Sb, Bi)
662 ..Group VII metal (Fe, Co, Ni,
663 Os, Ir, Pt, Ru, Rh, Pd)
664 ..Group IB metal (Cu, Ag, Au)
665 ..Group IIIA metal (Al, Ga, In,
666 Tl)
667 ..Group IV metal (Sn, Pb, Ge, Ti,
668 Zr, Hf)
669 ..Group VB metal (V, Nb, Ta)
670 ..Group VII metal (Mn, Tc, Re)
671 ..Group IIB metal (Zn, Cd, Hg)
672 ..Boron
673 ..Nitrogen
674 ..Silicon
675 ..Phosphorus
676 ..Chromium

677 Ammonia
678 .Ammonium salt
679 .Molybdenum, uranium, or tungsten
680 (wolfram)
681 ..Group VA metal (As, Sb, Bi)
682 ..Group VII metal (Fe, Co, Ni,
683 Os, Ir, Pt, Ru, Rh, Pd)
684 ..Group IB metal (Cu, Ag, Au)
685 ..Group IIIA metal (Al, Ga, In,
686 Tl)
687 ..Group IV metal (Sn, Pb, Ge, Ti,
688 Zr, Hf)
689 ..Group VB metal (V, Nb, Ta)
690 ..Group VII metal (Mn, Tc, Re)
691 ..Group IIB metal (Zn, Cd, Hg)
692 ..Boron
693 ..Nitrogen
694 ..Silicon
695 ..Phosphorus
696 ..Chromium

697 DYE OR POTENTIAL DYE COMPOSITION,
698 ADDITIVE, TREATMENT, PROCESS,
699 PRODUCT, OR ANCILLARY DYE
700 OPERATION

701 .Fluorescent dye, e.g., stilbene,
702 benzimidazole, benzoazole,
703 benzothiazole, pyrazoline dye,
704 etc., optical brightner or
705 bluing agent

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...Anilino group on the anthraquinone nucleus
...Dye containing -(O=)S(=O)-O-, -O(=O)S(=O)-O- or phosphorus oxide group
...Sulfonated azo
....Monoazo
.....Monosulfonated
.......Heterocyclic
...Metalized dye, including metallization during dyeing (i.e., including in situ forming of metallized dye)
...Heterocyclic
...Polyazo dye
...Six-membered hetero ring having two or more ring hetero atoms of which at least one is nitrogen
...Diazones (including hydrogenated)
...Five-membered hetero ring having two or more ring hetero atoms of which at least one is nitrogen
...Thiazoles (including hydrogenated)
...Diazoles or triazoles (including hydrogenated)
...-COO-alkyl or -COO-aryl hydrocarbon
...Aryl-(O=)S(=O)-N-
...HO-C-C-N-
...Carbonyl bonded directly to nitrogen

94.24 ...With aldehyde-aromatic condensation product
94.25 ...With heavy metal compound
94.26 ...With organic material
94.27 ...Chromium compound
94.28 ...Iron compound
94.29 ...With aluminum compound
94.3 ...With vegetable extract
94.31 ...With cellulose liberation liquor
94.32 ...With vegetable extract
94.33 ...With organic material
94.19 C ...Resin condensation in situ in leather

94.1 R TREATMENT OF HIDES, SKINS, FEATHERS AND ANIMAL TISSUES

94.11 ...Internal tissues
94.12 ...Fish or reptile skins
94.13 ...Suede
94.14 ...Fur
94.16 ...Depilating
160 ...Adhesive type
161 ...Living animal
94.15 ...Treatment of untanned skins or hides
94.17 ...Alkaline material removal
94.18 ...With organic material
94.19 R ...Tanning
94.2 ...With subsequent treatment
94.21 ...Organic material
94.22 ...Fat, fatty oil, fatty oil acid or salt thereof
94.23 ...Emulsions

94.1 D ...Leather dehydration
94.1 P ...Phosphorus compounds on leather

BLEACHING

94.10 ...Color stripping or subduing
94.13 ...Wave energy
94.17 ...Chemical
94.18 ...Chlorine
94.19 ...With sulfur compounds or peroxides or oxygen
94.20 ...Sulfur compounds
94.21 ...Peroxides or oxygen

IMPROVING FELTING PROPERTIES (E.G., CARROTING)

94.11 ...Differential creping
94.12 ...With fiber destruction or removal
94.18 ...With local treatment

CHEMICAL MODIFICATION OF TEXTILES OR FIBERS OR PRODUCTS THEREOF

94.10 ...With coating, sizing, or lubricating
94.11 ...Mixed fibers
94.12 ...Cellulose fibers
94.13 ...Treatment with nitrogen-containing organic compound
94.14 ...With aminoplast condensate or aminoplast condensate-former
94.15 ...Triazine-aldehyde condensate
94.16 ...Amido-aldehyde condensate
94.17 ...Urea-aldehyde condensate
94.18 ...Alkylatedurea-aldehyde condensate
94.19 ...Carbamic-aldehyde condensate
94.20 ...Quaternary ammonium compound
94.21 ...Heterocyclic nitrogen compound
94.22 ...Triazine
94.23 ...Three-membered ring with two C and one N

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192 ...Cyano-, isocyano-, thiocyanate- or thiourethane-group containing
193 ...Ethynylene radial containing
194 ...Amide
195 ...Urea or thiourea
196 ...Amine
116.4 Treatment with aldehyde or ketone
117 Wool-like or crinkle effects
118 Transparent, parchmented, or linen finish
119 Paper
120 Esterifying, etherifying or immunizing
121 Acetylation
122 Xanthogeneation
123 Cuprammonium treatment
125 Mercerizing or alkaline treatment
127 Wetting addition or pretreatment
127.1 Treatment with phosphorus containing material
127.5 Proteinaceous fibers
127.51 Hair
127.6 Treatment with aldehyde or aldehyde derivative, ketone or nitrogen containing organic compound
128.1 Natural wool or silk
128.3 Chemical modification in the presence of a sulfur or silicone containing material
129 Cellulose ester or ether fibers
115.52 Using wave energy, electrostatic field or electrical discharge
115.53 Ultraviolet radiation
115.54 Treating textiles or fibers from synthetic resin or natural rubber with chemical reactant
115.55 Single fiber or filament containing more than one synthetic organic polymer
115.56 Organic chemical reactant
115.57 Reactant contains heterocycle
115.58 Reactant contains nitrogen heterocycle
115.59 Contains six-membered nitrogen heterocycle
115.61 Reactant contains oxygen heterocycle
115.62 Reactant contains nonaromatic carbon-carbon double bond
115.63 Reactant containing nonaromatic carbon-carbon double bond also contains sulfur atom
115.64 Organic reactant contains element other than C, H, O, N or S
115.65 Organic reactant contains nitrogen
115.66 Organic reactant contains plural nitrogen atoms nonbonded to each other
115.67 Reactant contains isocyanate group
115.68 Inorganic nongaseous chemical reactant
115.69 Oxidizing or alkaline agent
130 Saponifying
130.1 Swelling or plasticizing of artificial fibers
130.1 Cellulose ester or ether fibers
132 With stretching
137 Cleaning or laundering
137.5 Removing formation impurities from artificial fiber
138 Degumming or desizing
139 Scouring, degreasing or bowking
139.1 With fat solvent
140 Carbonizing
141 Waste reclaiming and conditioning
142 Dry cleaning
147 Fluid treatment (manipulative)
148 Confined areas
149 Intermittent length
149.1 Combined liquid and gas or vapor
149.2 Gas or vapor
149.3 Including steam
150 Special forms and forming
150.5 Hides, skins or leather
151 Running lengths
151.1 Helical textile course
151.2 Yarns
152 Piling
154 Wound packages
155 Yarns
155.1 Radial liquid flow
155.2 Skeins, cakes or cheeses
156 Pulp or fibers (in bulk)
157 Kier treatment
158 Manipulation of liquid
159 Agitating immersed material and liquid

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### CROSS-REFERENCE ART COLLECTIONS

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<td>900</td>
<td>BASIC EMULSIFIERS FOR DYEING</td>
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<tr>
<td>901</td>
<td>Quaternary ammonium salts</td>
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<tr>
<td>902</td>
<td>COACERVATION OR TWO-PHASE DYEING SYSTEM</td>
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<tr>
<td>903</td>
<td>TRIPLE MIXTURE OF ANIONIC, CATIONIC, AND NONIONIC EMULSIFIERS FOR DYEING</td>
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<td>904</td>
<td>MIXED ANIONIC AND NONIONIC EMULSIFIERS FOR DYEING</td>
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<td>905</td>
<td>MIXED ANIONIC AND CATIONIC EMULSIFIERS FOR DYEING</td>
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<tr>
<td>906</td>
<td>MIXED CATIONIC AND NONIONIC EMULSIFIERS FOR DYEING</td>
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<td>907</td>
<td>NONIONIC EMULSIFIERS FOR DYEING</td>
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<tr>
<td>908</td>
<td>ANIONIC EMULSIFIERS FOR DYEING</td>
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<tr>
<td>909</td>
<td>Sulfonated or sulfated aliphatic hydrocarbons</td>
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<tr>
<td>910</td>
<td>Soap</td>
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<tr>
<td>911</td>
<td>Sulfonated</td>
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<td>912</td>
<td>Arylene sulfonate-formaldehyde condensate or alkyl aryl sulfonate</td>
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<td>913</td>
<td>AMPHOTERIC EMULSIFIERS FOR DYEING</td>
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<td>914</td>
<td>Amino carboxylic acids</td>
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<td>915</td>
<td>Amino sulfonic acids</td>
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<td>916</td>
<td>NATURAL FIBER DYEING</td>
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<td>917</td>
<td>Wool or silk</td>
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<td>918</td>
<td>Cellulose textile</td>
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<td>919</td>
<td>Paper</td>
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<tr>
<td>920</td>
<td>SYNTHETIC FIBER DYEING</td>
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<tr>
<td>921</td>
<td>Cellulose ester or ether</td>
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<td>922</td>
<td>Polyester fiber</td>
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<td>Halopolyester</td>
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<td>924</td>
<td>Polyamide fiber</td>
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<td>925</td>
<td>Aromatic polyamide</td>
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<td>926</td>
<td>Polyurethane fiber</td>
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### FOREIGN ART COLLECTIONS

FOR CLASS-RELATED FOREIGN DOCUMENTS

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