

CPC COOPERATIVE PATENT CLASSIFICATION

D TEXTILES; PAPER

TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

D06 TREATMENT OF TEXTILES OR THE LIKE; LAUNDERING; FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

D06P DYEING OR PRINTING TEXTILES; DYEING LEATHER, FURS, OR SOLID MACROMOLECULAR SUBSTANCES IN ANY FORM (for mechanical matters [D06B](#), [D06C](#); surface treatment of fibres or filaments from glass, minerals or slags [C03C 25/00](#))

WARNING

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

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|---------------------------------------|------------|--------------------------------------|
| D06P 3/84 | covered by | D06P 3/82 |
| D06P 3/85 | covered by | D06P 3/82 |
| D06P 3/852 | covered by | D06P 3/82 |
| D06P 3/86 | covered by | D06P 3/82 |
| D06P 3/87 | covered by | D06P 3/82 |
| D06P 3/872 | covered by | D06P 3/82 |
| D06P 3/874 | covered by | D06P 3/82 |
| D06P 5/24 - D06P 5/28 | covered by | D06P 5/003 and s.gr. |

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|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/00 | General processes of dyeing or printing textiles, or general processes of dyeing leather, furs, or solid macromolecular substances in any form, classified according to the dyes, pigments, or auxiliary substances employed | 1/0072 | . . . {Heterocyclic compounds} |
| 1/0004 | . {General aspects of dyeing} | 1/0076 | . {Dyeing with mineral dye} |
| 1/0008 | . . {Dyeing processes in which the dye is not specific (waste liquors)} | 1/008 | . {Preparing dyes <u>in situ</u> (D06P 1/12, D06P 1/145 take precedence)} |
| 1/0012 | . . {Effecting dyeing to obtain luminescent or phosphorescent dyeings} | 2001/0084 | . {Non-aqueous dyeing in an inorganic medium} |
| 1/0016 | . . {Dye baths containing a dyeing agent in a special form such as for instance in melted or solid form, as a floating film or gel, spray or aerosol, or atomised dyes} | 2001/0088 | . {Aqueous dyeing characterised by a short bath ratio} |
| 1/002 | . . {Processing by repeated dyeing, e.g. in different baths} | 2001/0092 | . . {Foam dyeing} |
| 1/0024 | . {Dyeing and bleaching in one process} | 1/0096 | . {Multicolour dyeing} |
| 1/0028 | . {Dyeing with a coacervate system} | 1/02 | . using azo dyes (D06P 1/18, D06P 1/38, D06P 1/39, D06P 1/41 take precedence) |
| 1/0032 | . {Determining dye recipes and dyeing parameters; Colour matching or monitoring} | 1/04 | . . not containing metal |
| 1/0036 | . {Dyeing and sizing in one process} | 1/06 | . . . containing acid groups |
| 1/004 | . {Dyeing with phototropic dyes; Obtaining camouflage effects} | 1/08 | . . . cationic azo dyes |
| 1/0044 | . {Dyeing with a dye in volatilised form} | 1/10 | . . containing metal |
| 1/0048 | . {Converting dyes <u>in situ</u> in a non-appropriate form by hydrolysis, saponification, reduction with split-off of a substituent} | 1/12 | . . prepared <u>in situ</u> |
| 1/0052 | . {Dyeing with polymeric dyes} | 1/122 | . . . {the textile material containing one component} |
| 1/0056 | . {Dyeing with polymeric dyes involving building the polymeric dyes on the fibres (dyes per se C09B)} | 1/125 | . . . {one or both of the components having fibre-reactive groups} |
| 1/006 | . . {by using dyes with polymerisable groups, e.g. dye ---CH=CH2} | 1/127 | . . . {using a stabilised diazo component, e.g. diazoamino, anti-diazotate or nitrosamine R-N=N-OK, diazosulfonate, hydrazinesulfonate, R-N=N-N-CN} |
| 1/0064 | . . {by using reactive polyfunctional compounds, e.g. crosslinkers} | 1/13 | . using azomethine dyes |
| 1/0068 | . . . {Non-heterocyclic compounds} | 1/14 | . using phthalocyanine dyes without vatting (D06P 1/38, D06P 1/40 take precedence) |
| | | 1/145 | . . {using phthalocyanine dyes prepared <u>in situ</u>} |
| | | 1/16 | . using dispersed, e.g. acetate, dyestuffs |
| | | 1/18 | . . Azo dyes |
| | | 1/19 | . . Nitro dyes |
| | | 1/20 | . . Anthraquinone dyes |
| | | 1/22 | . using vat dyestuffs {including indigo} |
| | | 1/221 | . . {Reducing systems; Reducing catalysts} |

- 1/222 . . {Oxidising agents}
- 1/224 . . {using vat dyes in unreduced pigment state}
- 1/225 . . {using acid vat method}
- 1/227 . . {Specific dyes not provided for in groups
D06P 1/228 - D06P 1/28}
- 1/228 . . {Indigo}
- 1/24 . . Anthraquinone dyes {or anthracene nucleus
containing vat dyes}
- 1/26 . . Phthalocyanine dyes
- 1/28 . . Esters of vat dyestuffs
- 1/30 . using sulfur dyes
- 1/305 . . {SO₃H-groups containing dyes}
- 1/32 . using oxidation dyes
- 1/34 . using natural dyestuffs
- 1/36 . using mordant dyes {; using metallisable dyes}
- 1/38 . using reactive dyes
- 1/382 . . reactive group directly attached to heterocyclic
group
- 1/384 . . reactive group not directly attached to
heterocyclic group
- 1/39 . using acid dyes
- 1/40 . . using acid dyes without azo groups
- 1/41 . using basic dyes
- 1/42 . . using basic dyes without azo groups
- 1/44 . using insoluble pigments or auxiliary substances,
e.g. binders
- 1/445 . . {Use of auxiliary substances before, during or
after dyeing or printing}
- 1/46 . . using compositions containing natural
macromolecular substances or derivatives thereof
- 1/48 . . . Derivatives of carbohydrates
- 1/50 Derivatives of cellulose
- 1/52 . . using compositions containing synthetic
macromolecular substances (D06P 1/60 takes
precedence)
- 1/5207 . . . {Macromolecular compounds obtained by
reactions involving only carbon-to-carbon
unsaturated bonds}
- 1/5214 {Polymers of unsaturated compounds
containing no COOH groups or functional
derivatives thereof}
- 1/5221 {Polymers of unsaturated hydrocarbons,
e.g. polystyrene polyalkylene}
- 1/5228 {Polyalkenyl alcohols, e.g. PVA}
- 1/5235 {Polyalkenyl halides, e.g. PVC}
- 1/5242 {Polymers of unsaturated N-containing
compounds}
- 1/525 {Polymers of unsaturated carboxylic acids or
functional derivatives thereof}
- 1/5257 {(Meth)acrylic acid}
- 1/5264 . . . {Macromolecular compounds obtained
otherwise than by reactions involving only
unsaturated carbon-to-carbon bonds}
- 1/5271 {Polyesters; Polycarbonates; Alkyd resins}
- 1/5278 {Polyamides; Polyimides; Polylactames;
Polyalkyleneimines}
- 1/5285 {Polyurethanes; Polyurea; Polyguanides}
- 1/5292 {containing Si-atoms}
- 1/54 . . . Substances with reactive groups together with
crosslinking agents
- 1/56 . . . Condensation products or precondensation
products prepared with aldehydes
- 1/58 together with other synthetic macromolecular
substances
- 1/60 . . using compositions containing polyethers
- 1/607 . . . Nitrogen-containing polyethers {or their
quaternary derivatives}
- 1/6073 {containing CON=, OCON=, SO₂N=,
OSO₂N= groups}
- 1/6076 {addition products of amines and alkylene
oxides or oxiranes}
- 1/613 . . . Polyethers without nitrogen
- 1/6131 {Addition products of hydroxyl groups-
containing compounds with oxiranes}
- 1/6133 {from araliphatic or aliphatic alcohols}
- 1/6135 {from aromatic alcohols or from phenols,
naphthols}
- 1/6136 {Condensation products of esters, acids, oils,
oxyacids with oxiranes}
- 1/6138 {Polymerisation products of glycols, e.g.
Carbowax, Pluronics}
- 1/62 . . using compositions containing low-molecular-
weight organic compounds with sulfate,
sulfonate, {sulfenic or sulfinic} groups
- 1/621 . . . {Compounds without nitrogen}
- 1/622 {Sulfonic acids or their salts}
- 1/623 {Aliphatic, araliphatic or cycloaliphatic}
- 1/625 {Aromatic}
- 1/626 {Sulfocarboxylic acids}
- 1/627 {Sulfates}
- 1/628 . . . {Compounds containing nitrogen}
- 1/64 . . using compositions containing low-molecular-
weight organic compounds without sulfate or
sulfonate groups
- 1/642 . . . Compounds containing nitrogen
- 1/6421 {Compounds containing nitrile groups}
- 1/6422 {Compounds containing nitro or nitroso
groups}
- 1/6423 {Compounds containing azide or oxime
groups}
- 1/6424 {Compounds containing isocyanate or
isothiocyanate groups}
- 1/6425 {Compounds containing hydrazine or azo
groups}
- 1/6426 {Heterocyclic compounds}
- 1/6427 {Compounds containing sulfonamide
groups}
- 1/6428 {Compounds containing aminoxide groups}
- 1/6429 {bound to a six-membered aromatic
carbocyclic ring}
- 1/645 Aliphatic, araliphatic or cycloaliphatic
compounds containing amino groups
- 1/647 Nitrogen-containing carboxylic acids or their
salts
- 1/649 Compounds containing carbonamide,
thiocarbonamide or guanyl groups
- 1/6491 {(Thio)urea or (cyclic) derivatives}
- 1/6492 {(Thio)urethanes; (Di)(thio)carbamic acid
derivatives; Thiuramdisulfide}
- 1/6493 {Carbodiimides (=N=C=N=)}
- 1/6494 {Compounds containing a guanyl group
R-C-N=, e.g. (bi)guanidine, dicyandiamid
amidines}
- 1/6495 {Compounds containing carbonamide -
RCON= (R=H or hydrocarbons)}

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| 1/6496 | | {Condensation products from carboxylic acids and hydroxyalkyl amine (Kritchewski bases)} | 1/90 | . using dyes dissolved in organic solvents or aqueous emulsions thereof { (D06P 1/94 takes precedence) } |
| 1/6497 | | {Amides of di- or polyamines; Acylated polyamines} | 2001/901 | . . {Hydrocarbons} |
| 1/6498 | | {Compounds containing -CONCO-, e.g. phthalimides, hydantoine; Compounds containing RCONHSO ₂ R (R=H or hydrocarbon)} | 2001/903 | . . . {Halogenated hydrocarbons} |
| 1/651 | . . . | Compounds without nitrogen | 2001/905 | . . . {Non-halogenated hydrocarbons} |
| 1/65106 | | {Oxygen-containing compounds} | 2001/906 | . . {Solvents other than hydrocarbons} |
| 1/65112 | | {Compounds containing aldehyde or ketone groups} | 1/908 | . . {using specified dyes} |
| 1/65118 | | {Compounds containing hydroxyl groups} | 1/92 | . . in organic solvents |
| 1/65125 | | {Compounds containing ester groups} | 1/922 | . . . {hydrocarbons} |
| 1/65131 | | {Compounds containing ether or acetal groups} | 1/924 | {Halogenated hydrocarbons} |
| 1/65137 | | {Compounds containing peroxide or ozonide groups} | 1/926 | {Non-halogenated hydrocarbons} |
| 1/65143 | | {Compounds containing acid anhydride or acid halide groups} | 1/928 | . . . {Solvents other than hydrocarbons} |
| 1/6515 | | {Hydrocarbons} | 1/94 | . using dyes dissolved in solvents which are in the supercritical state |
| 1/65156 | | {Halogen-containing hydrocarbons} | 1/96 | . Dyeing characterised by a short bath ratio |
| 1/65162 | | {Hydrocarbons without halogen} | 1/965 | . . {Foam dyeing (mechanical features D06B 19/0094)} |
| 1/65168 | | {Sulfur-containing compounds} | 3/00 | Special processes of dyeing or printing textiles, or dyeing leather, furs, or solid macromolecular substances in any form, classified according to the material treated |
| 1/65175 | | {Compounds containing thioaldehyde or thiocetone groups} | 3/001 | . {using acid dyes} |
| 1/65181 | | {Compounds containing thiol groups} | 3/002 | . {using basic dyes} |
| 1/65187 | | {Compounds containing sulfide or disulfide groups} | 3/003 | . {using vat or sulfur dyes} |
| 1/65193 | | {Compounds containing sulfite or sulfone groups} | 3/004 | . {using dispersed dyes} |
| 1/653 | . . | Nitrogen-free carboxylic acids or their salts {(sulfocarboxylic acids D06P 1/626)} | 3/005 | . {using metallisable or mordant dyes} |
| 1/6533 | . . . | {Aliphatic, araliphatic or cycloaliphatic} | 3/006 | . {using polymeric dyes} |
| 1/6536 | . . . | {Aromatic} | 3/007 | . {preparing dyes <i>in situ</i> } |
| 1/655 | . . | Compounds containing ammonium groups | 3/008 | . {using reactive dyes} |
| 1/6553 | . . . | {Compounds containing sulfonium groups} | 3/02 | . Material containing basic nitrogen |
| 1/6556 | . . . | {Compounds containing phosphonium groups} | 3/021 | . . {using acid dyes} |
| 1/66 | . . . | containing quaternary ammonium groups | 3/022 | . . {using basic dyes} |
| 1/667 | . . | Organo-phosphorus compounds | 3/023 | . . {using vat or sulfur dyes} |
| 1/673 | . . | Inorganic compounds | 3/024 | . . {using dispersed dyes} |
| 1/67308 | . . . | {Hydroxylamine or derivatives thereof} | 3/025 | . . {using metallised dyes} |
| 1/67316 | . . . | {Acids} | 3/026 | . . {using polymeric dyes} |
| 1/67325 | | {Complex acids, e.g. phosphomolybdic, phosphotungstic, molybdotungstic} | 3/027 | . . {preparing dyes <i>in situ</i> } |
| 1/67333 | . . . | {Salts or hydroxides (hydroxylamines D06P 1/67308)} | 3/028 | . . {using reactive dyes} |
| 1/67341 | | {of elements different from the alkaline or alkaline-earth metals or with anions containing those elements (D06P 1/67383 takes precedence)} | 3/04 | . . containing amide groups |
| 1/6735 | | {of alkaline or alkaline-earth metals with anions different from those provided for in D06P 1/67341 } | 3/041 | . . . {using basic dyes} |
| 1/67358 | | {Halides or oxyhalides} | 3/042 | . . . {using vat or sulfur dyes} |
| 1/67366 | | {Phosphates or polyphosphates} | 3/043 | . . . {using dispersed dyes} |
| 1/67375 | | {with sulfur-containing anions (sulfates D06P 1/6735)} | 3/045 | . . . {dyeing and degumming silk} |
| 1/67383 | . . . | {containing silicon} | 3/046 | . . . {using metallisable or mordant dyes} |
| 1/67391 | . . . | {Salts or oxidising-compounds mixtures} | 3/047 | . . . {using polymeric dyes} |
| 1/81 | . . | using dyes dissolved in inorganic solvents | 3/048 | . . . {preparing non-azo dyes on the material} |
| | | | 3/06 | . . . using acid dyes |
| | | | 3/08 | . . . using oxidation dyes |
| | | | 3/10 | . . . using reactive dyes |
| | | | 3/12 | . . . Preparing azo dyes on the material |
| | | | 3/14 | . . . Wool |
| | | | 3/141 | {using vat or sulfur dyes} |
| | | | 3/143 | {using dispersed dyes} |
| | | | 3/145 | {using polymeric dyes} |
| | | | 3/146 | {preparing non-azo dyes on the material} |
| | | | 3/148 | {using reactive dyes} |
| | | | 3/16 | using acid dyes |
| | | | 3/18 | using basic dyes |
| | | | 3/20 | using mordant dyes {using metallisable dyes} |
| | | | 3/22 | Preparing azo dyes on the fibre |

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| 3/24 | . . . Polyamides; Polyurethanes | 3/463 | {using vat or sulfur dyes} |
| 3/241 | {using acid dyes} | 3/465 | {using metallisable or mordant dyes} |
| 3/242 | {using basic dyes} | 3/466 | {using polymeric dyes} |
| 3/243 | {using vat or sulfur dyes, indigo} | 3/467 | {preparing non-azo dyes on the material} |
| 3/245 | {using metallisable or mordant dyes} | 3/468 | {using reactive dyes} |
| 3/246 | {using polymeric dyes} | 3/48 | using dispersed dyestuffs |
| 3/247 | {preparing non-azo dyes on the material} | 3/50 | Preparing azo dyes on the material |
| 3/248 | {using reactive dyes} | 3/52 | . . Polyesters |
| 3/26 | using dispersed dyestuffs | 3/521 | . . . {using acid dyes} |
| 3/28 | Preparing azo dyes on the material | 3/522 | . . . {using basic dyes} |
| 3/30 | . . . furs {feathers, dead hair, furskins, pelts} | 3/523 | . . . {using vat or sulfur dyes} |
| 3/3008 | {using acid dyes} | 3/525 | . . . {using metallisable or mordant dyes} |
| 3/3016 | {using monazo acid dyes} | 3/526 | . . . {using polymeric dyes} |
| 3/3025 | {dis-polyazo acid dyes} | 3/527 | . . . {preparing non-azo dyes on the material} |
| 3/3033 | {using basic dyes} | 3/528 | . . . {using reactive dyes} |
| 3/3041 | {using vat, sulfur or indigo dyes} | 3/54 | . . . using dispersed dyestuffs |
| 3/305 | {with oxidation dyes} | 3/56 | . . . Preparing azo dyes on the material |
| 3/3058 | {using metallisable or mordant dyes} | 3/58 | . Material containing hydroxyl groups |
| 3/3066 | {using polymeric dyes} | 3/60 | . . Natural or regenerated cellulose |
| 3/3075 | {preparing azo dyes on the material} | 3/6008 | . . . {using acid dyes} |
| 3/3083 | {preparing non-azo dyes on the material} | 3/6016 | . . . {using basic dyes} |
| 3/3091 | {using reactive dyes} | 3/6025 | . . . {using vat or sulfur dyes} |
| 3/32 | . . . leather {skins} | 3/6033 | . . . {using dispersed dyes} |
| 3/3206 | {using acid dyes} | 3/6041 | {using specified dyes} |
| 3/3213 | {monoazo} | 3/605 | . . . {dyeing with polymeric dyes; building polymeric dyes on fibre (dyes per se C09B)} |
| 3/322 | {using monoazo premetallised dyes} | 3/6058 | {by using dyes with polymerisable groups, e.g. dye ---CH=CH2} |
| 3/3226 | {dis-polyazo} | 3/6066 | {by using reactive polyfunctional compounds, e.g. crosslinkers} |
| 3/3233 | {using dis-polyazo premetallised dyes} | 3/6075 | {non-heterocyclic compounds} |
| 3/324 | {using basic dyes} | 3/6083 | {heterocyclic compounds} |
| 3/3246 | {using vat, sulfur or indigo dyes} | 3/6091 | . . . {preparing non-azo dyes on the material} |
| 3/3253 | {using oxidation dyes} | 3/62 | . . . using direct dyes |
| 3/326 | {using metallisable or mordant dyes} | 3/64 | . . . using mordant dyes {or metallisable dyes} |
| 3/3266 | {using polymeric dyes} | 3/66 | . . . using reactive dyes |
| 3/3273 | {preparing azo dyes on the material} | 3/663 | {reactive group directly attached to heterocyclic group} |
| 3/328 | {preparing non-azo dyes on the material} | 3/666 | {reactive group not directly attached to heterocyclic group} |
| 3/3286 | {using reactive dyes} | 3/68 | . . . Preparing azo dyes on the material |
| 3/3293 | {mineral dyeing} | 3/685 | {one or both components having fibre-reactive group} |
| 3/34 | . Material containing ester groups (D06P 3/04 takes precedence) | 3/70 | . Material containing nitrile groups |
| 3/341 | . . {using acid dyes} | 3/701 | . . {using vat or sulfur dyes} |
| 3/342 | . . {using basic dyes} | 3/702 | . . {dyeing of material in the gel state} |
| 3/343 | . . {using vat or sulfur dyes} | 3/704 | . . {using metallisable or mordant dyes or dyeing by cupro-ionic method} |
| 3/345 | . . {using metallisable or mordant dyes} | 3/705 | . . {using polymeric dyes} |
| 3/346 | . . {using polymeric dyes} | 3/707 | . . {preparing non-azo dyes on the material} |
| 3/347 | . . {preparing non-azo dyes on the material} | 3/708 | . . {using reactive dyes} |
| 3/348 | . . {using reactive dyes} | 3/72 | . . using dispersed dyestuffs |
| 3/36 | . . using dispersed dyestuffs | 3/74 | . . using acid dyes |
| 3/38 | . . Preparing azo dyes on the material | 3/76 | . . using basic dyes |
| 3/40 | . . Cellulose acetate | 3/78 | . . Preparing azo dyes on the material |
| 3/401 | . . . {using acid dyes} | 3/79 | . Polyolefins |
| 3/402 | . . . {using basic dyes} | 3/791 | . . {using acid dyes} |
| 3/403 | . . . {using vat or sulfur dyes} | 3/792 | . . {using basic dyes} |
| 3/405 | . . . {using metallisable or mordant dyes} | 3/793 | . . {using vat or sulfur dyes} |
| 3/406 | . . . {using polymeric dyes} | 3/794 | . . {using dispersed dyes} |
| 3/407 | . . . {preparing non-azo dyes on the material} | 3/795 | . . {using metallisable or mordant dyes, dyeing premetallised fibres} |
| 3/408 | . . . {using reactive dyes} | | |
| 3/42 | . . . using dispersed dyestuffs | | |
| 3/44 | . . . Preparing azo dyes on the material | | |
| 3/46 | . . . Cellulose triacetate | | |
| 3/461 | {using acid dyes} | | |
| 3/462 | {using basic dyes} | | |

- 3/796 . . {using polymeric dyes}
- 3/797 . . {preparing non-azo dyes on the material}
- 3/798 . . {using reactive dyes}
- 3/799 . . {preparing azo dyes on the material}
- 3/80 . Inorganic fibres
- 3/82 . Textiles which contain different kinds of fibres
- 3/8204 . . {fibres of different chemical nature}
- 3/8209 . . . {mixtures of fibres containing amide groups}
- 3/8214 . . . {mixtures of fibres containing ester and amide groups}
- 3/8219 . . . {mixtures of fibres containing hydroxyl and amide groups}
- 3/8223 . . . {mixtures of fibres containing hydroxyl and ester groups}
- 3/8228 {using one kind of dye}
- 3/8233 {using dispersed dyes}
- 3/8238 {using different kinds of dye}
- 3/8242 {using dispersed and acid dyes}
- 3/8247 {using dispersed and vat, sulfur or indigo dyes}
- 3/8252 {using dispersed and reactive dyes}
- 3/8257 {using dispersed and azo dyes prepared in situ}
- 3/8261 . . . {mixtures of fibres containing nitrile groups}
- 3/8266 . . . {mixtures of fibres containing hydroxyl and nitrile groups}
- 3/8271 . . . {mixtures of fibres containing amide and nitrile groups}
- 3/8276 . . . {mixtures of fibres containing ester groups}
- 3/828 . . . {mixtures of fibres containing hydroxyl groups}
- 3/8285 . . . {mixtures of cellulose and polyolefin fibres}
- 3/829 . . . {mixtures of cellulose and animalized fibres}
- 3/8295 . . . {mixtures of fibres containing nitrile and ester groups}
- 3/854 . . containing modified or unmodified fibres, {i.e. containing the same type of fibres having different characteristics, e.g. twisted and not-twisted fibres ([reserve dyeing D06P 5/12](#))}
- 5/00 Other features in dyeing or printing textiles, or dyeing leather, furs, or solid macromolecular substances in any form**
- 5/001 . {Special chemical aspects of printing textile materials}
- 5/002 . {Locally enhancing dye affinity of a textile material by chemical means}
- 5/003 . {Transfer printing}
- 5/004 . . {using subliming dyes}
- 5/005 . . . {on resin-treated fibres}
- 5/006 . . . {using specified dyes}
- 5/007 . . {using non-subliming dyes}
- 5/008 . . . {Migrating dyes}
- 5/009 . . . {Non-migrating dyes}
- 5/02 . After-treatment
- NOTE**
- In groups [D06P 5/04](#) - [D06P 5/10](#) a compound is always classified in the last appropriate place.
- 5/04 . . with organic compounds
- 5/06 . . . containing nitrogen
- 5/08 . . . macromolecular
- 5/10 . . with compounds containing metal
- 5/12 . Reserving parts of the material before dyeing or printing {; Locally decreasing dye affinity by chemical means}
- 5/13 . Fugitive dyeing or stripping dyes
- 5/131 . . {with acids or bases}
- 5/132 . . {with oxidants}
- 5/134 . . {with reductants}
- 5/135 . . {with combined acids or bases + oxidants + reductants means}
- 5/137 . . {with other compounds}
- 5/138 . . {fugitive dyeing}
- 5/15 . Locally discharging the dyes
- 5/151 . . {with acids or bases}
- 5/153 . . {with oxidants}
- 5/155 . . {with reductants}
- 5/156 . . {with combined A+B+C means}
- 5/158 . . {with other compounds}
- 5/17 . . Azo dyes
- 5/20 . Physical treatments affecting dyeing, e.g. ultrasonic or electric
- 5/2005 . . {Treatments with alpha, beta, gamma or other rays, e.g. stimulated rays}
- 5/2011 . . {Application of vibrations, pulses or waves for non-thermic purposes}
- 5/2016 . . {Application of electric energy}
- 5/2022 . . {Textile treatments at reduced pressure, i.e. lower than 1 atm}
- 5/2027 . . . {before dyeing}
- 5/2033 . . . {during dyeing}
- 5/2038 . . . {after dyeing}
- 5/2044 . . {Textile treatments at a pressure higher than 1 atm}
- 5/205 . . . {before dyeing}
- 5/2055 . . . {during dyeing}
- 5/2061 . . . {after dyeing}
- 5/2066 . . {Thermic treatments of textile materials}
- 5/2072 . . . {before dyeing}
- 5/2077 . . . {after dyeing}
- 5/2083 . . . {heating with IR or microwaves}
- 5/2088 . . . {by fluid-bed techniques}
- 5/2094 . . . {by molten masses}
- 5/22 . Effecting variation of dye affinity on textile material by chemical means that react with the fibre {(documents concerning material modified in the mass by compounding with modifying agents affecting the dye affinity after spinning, are not classified here: see the relevant groups [C08](#), [D01F](#), [D06P 3/00](#); grafting of monomers on textile materials [C08F](#), [D06M 11/00](#))}
- 5/225 . . {Animalization of cellulose; introducing aminogroups into cellulose}
- 5/30 . Ink jet printing
- 7/00 Dyeing or printing processes combined with mechanical treatment**
- 7/005 . {Dyeing combined with texturising or drawing treatments}