

# 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

##### NOTE

This subclass does not cover treatment of textiles by purely mechanical means, which is covered by subclasses [D06B](#), [D06C](#).

##### WARNINGS

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

D06P 3/84	covered by	<a href="#">D06P 3/82</a>
D06P 3/85	covered by	<a href="#">D06P 3/82</a>
D06P 3/852	covered by	<a href="#">D06P 3/82</a>
D06P 3/86	covered by	<a href="#">D06P 3/82</a>
D06P 3/87	covered by	<a href="#">D06P 3/82</a>
D06P 3/872	covered by	<a href="#">D06P 3/82</a>
D06P 3/874	covered by	<a href="#">D06P 3/82</a>
D06P 5/24 - D06P 5/28	covered by	<a href="#">D06P 5/003</a> and s.gr.
- {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.}

<b>1/00</b>	<b>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</b>	1/006	. . {by using dyes with polymerisable groups, e.g. dye ---CH=CH <sub>2</sub> }
		1/0064	. . {by using reactive polyfunctional compounds, e.g. crosslinkers}
1/0004	. {General aspects of dyeing}	1/0068	. . . {Non-heterocyclic compounds}
1/0008	. . {Dyeing processes in which the dye is not specific (waste liquors)}	1/0072	. . . {Heterocyclic compounds}
1/0012	. . {Effecting dyeing to obtain luminescent or phosphorescent dyeings}	1/0076	. {Dyeing with mineral dye}
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}	1/008	. {Preparing dyes <i>in situ</i> ( <a href="#">D06P 1/12</a> , <a href="#">D06P 1/145</a> take precedence)}
1/002	. . {Processing by repeated dyeing, e.g. in different baths}	2001/0084	. {Non-aqueous dyeing in an inorganic medium}
1/0024	. {Dyeing and bleaching in one process}	2001/0088	. {Aqueous dyeing characterised by a short bath ratio}
1/0028	. {Dyeing with a coacervate system}	2001/0092	. . {Foam dyeing}
1/0032	. {Determining dye recipes and dyeing parameters; Colour matching or monitoring}	1/0096	. {Multicolour dyeing}
1/0036	. {Dyeing and sizing in one process}	1/02	. using azo dyes ( <a href="#">D06P 1/18</a> , <a href="#">D06P 1/38</a> , <a href="#">D06P 1/39</a> , <a href="#">D06P 1/41</a> take precedence)
1/004	. {Dyeing with phototropic dyes; Obtaining camouflage effects}	1/04	. . not containing metal
1/0044	. {Dyeing with a dye in volatilised form}	1/06	. . . containing acid groups
1/0048	. {Converting dyes <i>in situ</i> in a non-appropriate form by hydrolysis, saponification, reduction with split-off of a substituent}	1/08	. . . cationic azo dyes
1/0052	. {Dyeing with polymeric dyes}	1/10	. . containing metal
1/0056	. {Dyeing with polymeric dyes involving building the polymeric dyes on the fibres ( <a href="#">dyes per se C09B</a> )}	1/12	. . prepared <i>in situ</i>
		1/122	. . . {the textile material containing one component}
		1/125	. . . {one or both of the components having fibre-reactive groups}
		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}
		1/13	. using azomethine dyes

1/14	• using phthalocyanine dyes without vatting ( <a href="#">D06P 1/38</a> , <a href="#">D06P 1/40</a> take precedence)	1/5278	• • • • {Polyamides; Polyimides; Polylactames; Polyalkyleneimines}
1/145	• • {using phthalocyanine dyes prepared <i>in situ</i> }	1/5285	• • • • {Polyurethanes; Polyurea; Polyguanides}
1/16	• using dispersed, e.g. acetate, dyestuffs	1/5292	• • • • {containing Si-atoms}
1/18	• • Azo dyes	1/54	• • • Substances with reactive groups together with crosslinking agents
1/19	• • Nitro dyes	1/56	• • • Condensation products or precondensation products prepared with aldehydes
1/20	• • Anthraquinone dyes	1/58	• • • • together with other synthetic macromolecular substances
1/22	• using vat dyestuffs {including indigo}	1/60	• • using compositions containing polyethers
1/221	• • {Reducing systems; Reducing catalysts}	1/607	• • • Nitrogen-containing polyethers {or their quaternary derivatives}
1/222	• • {Oxidising agents}	1/6073	• • • • {containing CON=, OCON=, SO <sub>2</sub> N=, OSO <sub>2</sub> N= groups}
1/224	• • {using vat dyes in unreduced pigment state}	1/6076	• • • • {addition products of amines and alkylene oxides or oxiranes}
1/225	• • {using acid vat method}	1/613	• • • Polyethers without nitrogen
1/227	• • {Specific dyes not provided for in groups <a href="#">D06P 1/228</a> - <a href="#">D06P 1/28</a> }	1/6131	• • • • {Addition products of hydroxyl groups-containing compounds with oxiranes}
1/228	• • {Indigo}	1/6133	• • • • • {from araliphatic or aliphatic alcohols}
1/24	• • Anthraquinone dyes {or anthracene nucleus containing vat dyes}	1/6135	• • • • • {from aromatic alcohols or from phenols, naphthols}
1/26	• • Phthalocyanine dyes	1/6136	• • • • • {Condensation products of esters, acids, oils, oxyacids with oxiranes}
1/28	• • Esters of vat dyestuffs	1/6138	• • • • • {Polymerisation products of glycols, e.g. Carbowax, Pluronic}
1/30	• using sulfur dyes	1/62	• • using compositions containing low-molecular-weight organic compounds with sulfate, sulfonate, {sulfenic or sulfinic} groups
1/305	• • {SO <sub>3</sub> H-groups containing dyes}	1/621	• • • • {Compounds without nitrogen}
1/32	• using oxidation dyes	1/622	• • • • • {Sulfonic acids or their salts}
1/34	• using natural dyestuffs	1/623	• • • • • {Aliphatic, araliphatic or cycloaliphatic}
1/36	• using mordant dyes {; using metallisable dyes}	1/625	• • • • • {Aromatic}
1/38	• using reactive dyes	1/626	• • • • • {Sulfocarboxylic acids}
1/382	• • reactive group directly attached to heterocyclic group	1/627	• • • • • {Sulfates}
1/384	• • reactive group not directly attached to heterocyclic group	1/628	• • • • {Compounds containing nitrogen}
1/39	• using acid dyes	1/64	• • using compositions containing low-molecular-weight organic compounds without sulfate or sulfonate groups
1/40	• • using acid dyes without azo groups	1/642	• • • Compounds containing nitrogen
1/41	• using basic dyes	1/6421	• • • • • {Compounds containing nitrile groups}
1/42	• • using basic dyes without azo groups	1/6422	• • • • • {Compounds containing nitro or nitroso groups}
1/44	• using insoluble pigments or auxiliary substances, e.g. binders	1/6423	• • • • • {Compounds containing azide or oxime groups}
1/445	• • {Use of auxiliary substances before, during or after dyeing or printing}	1/6424	• • • • • {Compounds containing isocyanate or isothiocyanate groups}
1/46	• • using compositions containing natural macromolecular substances or derivatives thereof	1/6425	• • • • • {Compounds containing hydrazine or azo groups}
1/48	• • • Derivatives of carbohydrates	1/6426	• • • • • {Heterocyclic compounds}
1/50	• • • • Derivatives of cellulose	1/6427	• • • • • {Compounds containing sulfonamide groups}
1/52	• • using compositions containing synthetic macromolecular substances ( <a href="#">D06P 1/60</a> takes precedence)	1/6428	• • • • • {Compounds containing aminoxide groups}
1/5207	• • • {Macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds}	1/6429	• • • • • {bound to a six-membered aromatic carbocyclic ring}
1/5214	• • • • {Polymers of unsaturated compounds containing no COOH groups or functional derivatives thereof}	1/645	• • • • • Aliphatic, araliphatic or cycloaliphatic compounds containing amino groups
1/5221	• • • • • {Polymers of unsaturated hydrocarbons, e.g. polystyrene polyalkylene}	1/647	• • • • • Nitrogen-containing carboxylic acids or their salts
1/5228	• • • • • {Polyalkenyl alcohols, e.g. PVA}	1/649	• • • • • Compounds containing carbonamide, thiocarbonamide or guanyl groups
1/5235	• • • • • {Polyalkenyl halides, e.g. PVC}	1/6491	• • • • • {(Thio)urea or (cyclic) derivatives}
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}		

- 1/6492 . . . . . {(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)guanadine, dicyandiamid amidines}
- 1/6495 . . . . . {Compounds containing carbonamide - RCON= (R=H or hydrocarbons)}
- 1/6496 . . . . . {Condensation products from carboxylic acids and hydroxyalkyl amine (Kritchewski bases)}
- 1/6497 . . . . . {Amides of di- or polyamines; Acylated polyamines}
- 1/6498 . . . . . {Compounds containing -CONCO-, e.g. phthalimides, hydantoine; Compounds containing RCONHSO<sub>2</sub>R (R=H or hydrocarbon)}
- 1/651 . . . . . Compounds without nitrogen
- 1/65106 . . . . . {Oxygen-containing compounds}
- 1/65112 . . . . . {Compounds containing aldehyde or ketone groups}
- 1/65118 . . . . . {Compounds containing hydroxyl groups}
- 1/65125 . . . . . {Compounds containing ester groups}
- 1/65131 . . . . . {Compounds containing ether or acetal groups}
- 1/65137 . . . . . {Compounds containing peroxide or ozonide groups}
- 1/65143 . . . . . {Compounds containing acid anhydride or acid halide groups}
- 1/6515 . . . . . {Hydrocarbons}
- 1/65156 . . . . . {Halogen-containing hydrocarbons}
- 1/65162 . . . . . {Hydrocarbons without halogen}
- 1/65168 . . . . . {Sulfur-containing compounds}
- 1/65175 . . . . . {Compounds containing thioaldehyde or thiocetone groups}
- 1/65181 . . . . . {Compounds containing thiol groups}
- 1/65187 . . . . . {Compounds containing sulfide or disulfide groups}
- 1/65193 . . . . . {Compounds containing sulfite or sulfone groups}
- 1/653 . . . . . Nitrogen-free carboxylic acids or their salts {(sulfocarboxylic acids [D06P 1/626](#))}
- 1/6533 . . . . . {Aliphatic, araliphatic or cycloaliphatic}
- 1/6536 . . . . . {Aromatic}
- 1/655 . . . . . Compounds containing ammonium groups
- 1/6553 . . . . . {Compounds containing sulfonium groups}
- 1/6556 . . . . . {Compounds containing phosphonium groups}
- 1/66 . . . . . containing quaternary ammonium groups
- 1/667 . . . . . Organo-phosphorus compounds
- 1/673 . . . . . Inorganic compounds
- 1/67308 . . . . . {Hydroxylamine or derivatives thereof}
- 1/67316 . . . . . {Acids}
- 1/67325 . . . . . {Complex acids, e.g. phosphomolybdic, phosphotungstic, molybdotungstic}
- 1/67333 . . . . . {Salts or hydroxides ([hydroxylamines D06P 1/67308](#))}
- 1/67341 . . . . . {of elements different from the alkaline or alkaline-earth metals or with anions containing those elements ([D06P 1/67383 takes precedence](#))}
- 1/6735 . . . . . {of alkaline or alkaline-earth metals with anions different from those provided for in [D06P 1/67341](#)}
- 1/67358 . . . . . {Halides or oxyhalides}
- 1/67366 . . . . . {Phosphates or polyphosphates}
- 1/67375 . . . . . {with sulfur-containing anions ([sulfates D06P 1/6735](#))}
- 1/67383 . . . . . {containing silicon}
- 1/67391 . . . . . {Salts or oxidising-compounds mixtures}
- 1/81 . . . . . using dyes dissolved in inorganic solvents
- 1/90 . . . . . using dyes dissolved in organic solvents or aqueous emulsions thereof ([D06P 1/94 takes precedence](#))}
- 2001/901 . . . . . {Hydrocarbons}
- 2001/903 . . . . . {Halogenated hydrocarbons}
- 2001/905 . . . . . {Non-halogenated hydrocarbons}
- 2001/906 . . . . . {Solvents other than hydrocarbons}
- 1/908 . . . . . {using specified dyes}
- 1/92 . . . . . in organic solvents
- 1/922 . . . . . {hydrocarbons}
- 1/924 . . . . . {Halogenated hydrocarbons}
- 1/926 . . . . . {Non-halogenated hydrocarbons}
- 1/928 . . . . . {Solvents other than hydrocarbons}
- 1/94 . . . . . using dyes dissolved in solvents which are in the supercritical state
- 1/96 . . . . . Dyeing characterised by a short bath ratio
- 1/965 . . . . . {Foam dyeing ([mechanical features D06B 19/0094](#))}
- 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**
- 3/001 . . . . . {using acid dyes}
- 3/002 . . . . . {using basic dyes}
- 3/003 . . . . . {using vat or sulfur dyes}
- 3/004 . . . . . {using dispersed dyes}
- 3/005 . . . . . {using metallisable or mordant dyes}
- 3/006 . . . . . {using polymeric dyes}
- 3/007 . . . . . {preparing dyes *in situ*}
- 3/008 . . . . . {using reactive dyes}
- 3/02 . . . . . Material containing basic nitrogen
- 3/021 . . . . . {using acid dyes}
- 3/022 . . . . . {using basic dyes}
- 3/023 . . . . . {using vat or sulfur dyes}
- 3/024 . . . . . {using dispersed dyes}
- 3/025 . . . . . {using metallised dyes}
- 3/026 . . . . . {using polymeric dyes}
- 3/027 . . . . . {preparing dyes *in situ*}
- 3/028 . . . . . {using reactive dyes}
- 3/04 . . . . . containing amide groups
- 3/041 . . . . . {using basic dyes}
- 3/042 . . . . . {using vat or sulfur dyes}
- 3/043 . . . . . {using dispersed dyes}
- 3/045 . . . . . {dyeing and degumming silk}
- 3/046 . . . . . {using metallisable or mordant dyes}
- 3/047 . . . . . {using polymeric dyes}
- 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
- 3/24 . . . Polyamides; Polyurethanes
- 3/241 . . . . {using acid dyes}
- 3/242 . . . . {using basic dyes}
- 3/243 . . . . {using vat or sulfur dyes, indigo}
- 3/245 . . . . {using metallisable or mordant dyes}
- 3/246 . . . . {using polymeric dyes}
- 3/247 . . . . {preparing non-azo dyes on the material}
- 3/248 . . . . {using reactive dyes}
- 3/26 . . . . using dispersed dyestuffs
- 3/28 . . . . Preparing azo dyes on the material
- 3/30 . . . furs {feathers, dead hair, furskins, pelts}
- 3/3008 . . . . {using acid dyes}
- 3/3016 . . . . . {using monazo acid dyes}
- 3/3025 . . . . . {dis-polyazo acid dyes}
- 3/3033 . . . . {using basic dyes}
- 3/3041 . . . . {using vat, sulfur or indigo dyes}
- 3/305 . . . . {with oxidation dyes}
- 3/3058 . . . . {using metallisable or mordant dyes}
- 3/3066 . . . . {using polymeric dyes}
- 3/3075 . . . . {preparing azo dyes on the material}
- 3/3083 . . . . {preparing non-azo dyes on the material}
- 3/3091 . . . . {using reactive dyes}
- 3/32 . . . leather {skins}
- 3/3206 . . . . {using acid dyes}
- 3/3213 . . . . . {monoazo}
- 3/322 . . . . . {using monoazo premetallised dyes}
- 3/3226 . . . . . {dis-polyazo}
- 3/3233 . . . . . {using dis-polyazo premetallised dyes}
- 3/324 . . . . {using basic dyes}
- 3/3246 . . . . {using vat, sulfur or indigo dyes}
- 3/3253 . . . . {using oxidation dyes}
- 3/326 . . . . {using metallisable or mordant dyes}
- 3/3266 . . . . {using polymeric dyes}
- 3/3273 . . . . {preparing azo dyes on the material}
- 3/328 . . . . {preparing non-azo dyes on the material}
- 3/3286 . . . . {using reactive dyes}
- 3/3293 . . . . {mineral dyeing}
- 3/34 . . Material containing ester groups ([D06P 3/04](#) takes precedence)
- 3/341 . . {using acid dyes}
- 3/342 . . {using basic dyes}
- 3/343 . . {using vat or sulfur dyes}
- 3/345 . . {using metallisable or mordant dyes}
- 3/346 . . {using polymeric dyes}
- 3/347 . . {preparing non-azo dyes on the material}
- 3/348 . . {using reactive dyes}
- 3/36 . . using dispersed dyestuffs
- 3/38 . . Preparing azo dyes on the material
- 3/40 . . Cellulose acetate
- 3/401 . . . {using acid dyes}
- 3/402 . . . {using basic dyes}
- 3/403 . . . {using vat or sulfur dyes}
- 3/405 . . . {using metallisable or mordant dyes}
- 3/406 . . . {using polymeric dyes}
- 3/407 . . . {preparing non-azo dyes on the material}
- 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}
- 3/463 . . . . {using vat or sulfur dyes}
- 3/465 . . . . {using metallisable or mordant dyes}
- 3/466 . . . . {using polymeric dyes}
- 3/467 . . . . {preparing non-azo dyes on the material}
- 3/468 . . . . {using reactive dyes}
- 3/48 . . . . using dispersed dyestuffs
- 3/50 . . . . Preparing azo dyes on the material
- 3/52 . . Polyesters
- 3/521 . . . {using acid dyes}
- 3/522 . . . {using basic dyes}
- 3/523 . . . {using vat or sulfur dyes}
- 3/525 . . . {using metallisable or mordant dyes}
- 3/526 . . . {using polymeric dyes}
- 3/527 . . . {preparing non-azo dyes on the material}
- 3/528 . . . {using reactive dyes}
- 3/54 . . . using dispersed dyestuffs
- 3/56 . . . Preparing azo dyes on the material
- 3/58 . . Material containing hydroxyl groups
- 3/60 . . Natural or regenerated cellulose
- 3/6008 . . . {using acid dyes}
- 3/6016 . . . {using basic dyes}
- 3/6025 . . . {using vat or sulfur dyes}
- 3/6033 . . . {using dispersed dyes}
- 3/6041 . . . . {using specified dyes}
- 3/605 . . . {dyeing with polymeric dyes; building polymeric dyes on fibre ([dyes per se C09B](#))}
- 3/6058 . . . . {by using dyes with polymerisable groups, e.g. dye  $\text{---CH=CH}_2$ }
- 3/6066 . . . . {by using reactive polyfunctional compounds, e.g. crosslinkers}
- 3/6075 . . . . . {non-heterocyclic compounds}
- 3/6083 . . . . . {heterocyclic compounds}
- 3/6091 . . . {preparing non-azo dyes on the material}
- 3/62 . . . using direct dyes
- 3/64 . . . using mordant dyes {or metallisable dyes}
- 3/66 . . . using reactive dyes
- 3/663 . . . . {reactive group directly attached to heterocyclic group}
- 3/666 . . . . {reactive group not directly attached to heterocyclic group}
- 3/68 . . . Preparing azo dyes on the material
- 3/685 . . . . {one or both components having fibre-reactive group}
- 3/70 . . Material containing nitrile groups
- 3/701 . . {using vat or sulfur dyes}
- 3/702 . . {dyeing of material in the gel state}
- 3/704 . . {using metallisable or mordant dyes or dyeing by cupro-ionic method}
- 3/705 . . {using polymeric dyes}
- 3/707 . . {preparing non-azo dyes on the material}
- 3/708 . . {using reactive dyes}
- 3/72 . . using dispersed dyestuffs
- 3/74 . . using acid dyes
- 3/76 . . using basic dyes
- 3/78 . . Preparing azo dyes on the material

- 3/79 . Polyolefins
- 3/791 . . {using acid dyes}
- 3/792 . . {using basic dyes}
- 3/793 . . {using vat or sulfur dyes}
- 3/794 . . {using dispersed dyes}
- 3/795 . . {using metallisable or mordant dyes, dyeing premetallised fibres}
- 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

**D06P**

**7/00 Dyeing or printing processes combined with mechanical treatment**

- 7/005 . {Dyeing combined with texturising or drawing treatments}