

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	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.
- {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.}

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	1/006	. . {by using dyes with polymerisable groups, e.g. dye ---CH=CH ₂ }
1/0004	. {General aspects of dyeing}	1/0064	. . {by using reactive polyfunctional compounds, e.g. crosslinkers}
1/0008	. . {Dyeing processes in which the dye is not specific (waste liquors)}	1/0068	. . . {Non-heterocyclic compounds}
1/0012	. . {Effecting dyeing to obtain luminescent or phosphorescent dyeings}	1/0072	. . . {Heterocyclic compounds}
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}	1/0076	. {Dyeing with mineral dye}
1/002	. . {Processing by repeated dyeing, e.g. in different baths}	1/008	. {Preparing dyes <u>in situ</u> (D06P 1/12 , D06P 1/145 take precedence)}
1/0024	. {Dyeing and bleaching in one process}	2001/0084	. {Non-aqueous dyeing in an inorganic medium}
1/0028	. {Dyeing with a coacervate system}	2001/0088	. {Aqueous dyeing characterised by a short bath ratio}
1/0032	. {Determining dye recipes and dyeing parameters; Colour matching or monitoring}	2001/0092	. . {Foam dyeing}
1/0036	. {Dyeing and sizing in one process}	1/0096	. {Multicolour dyeing}
1/004	. {Dyeing with phototropic dyes; Obtaining camouflage effects}	1/02	. using azo dyes (D06P 1/18 , D06P 1/38 , D06P 1/39 , D06P 1/41 take precedence)
1/0044	. {Dyeing with a dye in volatilised form}	1/04	. . not 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}	1/06	. . . containing acid groups
1/0052	. {Dyeing with polymeric dyes}	1/08	. . . cationic azo dyes
1/0056	. {Dyeing with polymeric dyes involving building the polymeric dyes on the fibres (dyes per se C09B)}	1/10	. . containing metal
		1/12	. . prepared <u>in situ</u>
		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
(D06P 1/38, D06P 1/40 take precedence)
- 1/145 . . . {using phthalocyanine dyes prepared *in situ*}
- 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, Pluronic}
- 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}	1/67358	. . . . .	{Halides or oxyhalides}
1/6493	. . . . .	{Carbodiimides (=N=C=N=)}	1/67366	. . . . .	{Phosphates or polyphosphates}
1/6494	. . . . .	{Compounds containing a guanyl group R-C-N=, e.g. (bi)guanadine, dicyandiamid amidines}	1/67375	. . . . .	{with sulfur-containing anions}
1/6495	. . . . .	{Compounds containing carbonamide - RCON= (R=H or hydrocarbons)}	1/67383	. . .	{containing silicon}
1/6496	. . . . .	{Condensation products from carboxylic acids and hydroxyalkyl amine (Kritchevski bases)}	1/67391	. . .	{Salts or oxidising-compounds mixtures}
1/6497	. . . . .	{Amides of di- or polyamines; Acylated polyamines}	1/81	. . .	using dyes dissolved in inorganic solvents
1/6498	. . . . .	{Compounds containing -CONCO-, e.g. phthalimides, hydantoine; Compounds containing RCONHSO ₂ R (R=H or hydrocarbon)}	1/90	. . .	using dyes dissolved in organic solvents or aqueous emulsions thereof {(D06P 1/94 takes precedence)}
1/651	. . .	Compounds without nitrogen	2001/901	. . .	{Hydrocarbons}
1/65106	. . . . .	{Oxygen-containing compounds}	2001/903	. . .	{Halogenated hydrocarbons}
1/65112	. . . . .	{Compounds containing aldehyde or ketone groups}	2001/905	. . .	{Non-halogenated hydrocarbons}
1/65118	. . . . .	{Compounds containing hydroxyl groups}	2001/906	. . .	{Solvents other than hydrocarbons}
1/65125	. . . . .	{Compounds containing ester groups}	1/908	. . .	{using specified dyes}
1/65131	. . . . .	{Compounds containing ether or acetal groups}	1/92	. . .	in organic solvents
1/65137	. . . . .	{Compounds containing peroxide or ozonide groups}	1/922	. . .	{hydrocarbons}
1/65143	. . . . .	{Compounds containing acid anhydride or acid halide groups}	1/924	. . . . .	{Halogenated hydrocarbons}
1/6515	. . . . .	{Hydrocarbons}	1/926	. . . . .	{Non-halogenated hydrocarbons}
1/65156	. . . . .	{Halogen-containing hydrocarbons}	1/928	. . .	{Solvents other than hydrocarbons}
1/65162	. . . . .	{Hydrocarbons without halogen}	1/94	. . .	using dyes dissolved in solvents which are in the supercritical state
1/65168	. . . . .	{Sulfur-containing compounds}	1/96	. . .	Dyeing characterised by a short bath ratio
1/65175	. . . . .	{Compounds containing thioaldehyde or thiocetone groups}	1/965	. . .	{Foam dyeing (mechanical features D06B 19/0094)}
1/65181	. . . . .	{Compounds containing thiol groups}	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	
1/65187	. . . . .	{Compounds containing sulfide or disulfide groups}	3/001	. . .	{using acid dyes}
1/65193	. . . . .	{Compounds containing sulfite or sulfone groups}	3/002	. . .	{using basic dyes}
1/653	. . .	Nitrogen-free carboxylic acids or their salts {(sulfocarboxylic acids D06P 1/626)}	3/003	. . .	{using vat or sulfur dyes}
1/6533	. . . . .	{Aliphatic, araliphatic or cycloaliphatic}	3/004	. . .	{using dispersed dyes}
1/6536	. . . . .	{Aromatic}	3/005	. . .	{using metallisable or mordant dyes}
1/655	. . .	Compounds containing ammonium groups	3/006	. . .	{using polymeric dyes}
1/6553	. . . . .	{Compounds containing sulfonium groups}	3/007	. . .	{preparing dyes <i>in situ</i> }
1/6556	. . . . .	{Compounds containing phosphonium groups}	3/008	. . .	{using reactive dyes}
1/66	. . .	containing quaternary ammonium groups	3/02	. . .	Material containing basic nitrogen
1/667	. . .	Organo-phosphorus compounds	3/021	. . .	{using acid dyes}
1/673	. . .	Inorganic compounds	3/022	. . .	{using basic dyes}
1/67308	. . . . .	{Hydroxylamine or derivatives thereof}	3/023	. . .	{using vat or sulfur dyes}
1/67316	. . . . .	{Acids}	3/024	. . .	{using dispersed dyes}
1/67325	. . . . .	{Complex acids, e.g. phosphomolybdic, phosphotungstic, molybdotungstic}	3/025	. . .	{using metallised dyes}
1/67333	. . . . .	{Salts or hydroxides (hydroxylamines D06P 1/67308)}	3/026	. . .	{using polymeric dyes}
1/67341	. . . . .	{of elements different from the alkaline or alkaline-earth metals or with anions containing those elements (D06P 1/67383 takes precedence)}	3/027	. . .	{preparing dyes <i>in situ</i> }
1/6735	. . . . .	{of alkaline or alkaline-earth metals with anions different from those provided for in D06P 1/67341}	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 monoazo 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 ---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 . . {Aminalization 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}