COOPERATIVE PATENT CLASSIFICATION

TEXTILES; PAPER

TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

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

D06M TREATMENT, NOT PROVIDED FOR ELSEWHERE IN CLASS D06, OF FIBRES, THREADS, YARNS, FABRICS, FEATHERS OR FIBROUS GOODS MADE FROM SUCH MATERIALS

NOTES

1. In each of the groups D06M 11/00 - D06M 15/00, in the absence of an indication to the contrary, a substance is classified in the last appropriate place.
2. Within each one of main groups D06M 11/00 - D06M 15/00, a mixture of substances is classified at least according to the essential ingredient. If more than one ingredient is essential, the mixture is classified, in the absence of an indication to the contrary, according to the essential ingredient which belongs to the last appropriate place in the sequence of substances;
3. Treatment by mixtures of substances covered by two or more of main groups D06M 11/00 - D06M 15/00 is classified in each appropriate main group.
4. In this subclass, the treatment of textiles, not provided for elsewhere in class D06, is classified according to the following principles:
   • Treatment of textiles characterised by the treating agent in groups D06M 11/00 - D06M 16/00;
   • Treatment of textiles characterised by the process in group D06M 23/00.

WARNING

[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.]

7/00  
{Treating fibres, threads, yarns, fabrics, or fibrous goods made of other substances with subsequent freeing of the treated goods from the treating medium, e.g. swelling, e.g. polyolefins (D06M 10/00 takes precedence; treating fibres or filaments made of glass, mineral -, or slag wool C03C; carbon fibres D01F 11/10)}  
7/005  
[made of asbestos]

10/00  
Physical treatment of fibres, threads, yarns, fabrics, or fibrous goods made from such materials, e.g. ultrasonic, corona discharge, irradiation, electric currents, or magnetic fields; Physical treatment combined with treatment with chemical compounds or elements

10/001  
[Treatment with visible light, infra-red or ultraviolet, X-rays]
10/003  
[Treatment with radio-waves or microwaves]
10/005  
[Laser beam treatment]
10/006  
[Ultra-high-frequency heating]
10/008  
[Treatment with radioactive elements or with neutrons, alpha, beta or gamma rays]
10/02  
ultrasonic or sonic; Corona discharge
10/025  
[Corona discharge or low temperature plasma]
10/04  
Physical treatment combined with treatment with chemical compounds or elements (graft polymerisation using wave energy or particle radiation D06M 14/18 ; treatment with radioactive elements D06M 10/008)]
10/06  
[Organic compounds]
10/10  
[Macromolecular compounds]

11/00  
Treating fibres, threads, yarns, fabrics or fibrous goods made from such materials, with inorganic substances or complexes thereof; Such treatment combined with mechanical treatment, e.g. mercerising (D06M 10/00 takes precedence)

NOTES

1. If a compound used in the treatment is characterised by its cation, it is classified in group D06M 11/00; metallisation by treatment with a metal salt, followed by reduction, is classified in group D06M 11/83.
2. In this group, the following term is used with the meaning indicated:
   • "treatment" means, in the absence of an indication to the contrary, the treatment which leads to the end product, e.g. treatment with barium sulfate can mean treatment with barium chloride and with sulfuric acid in two separate steps

11/01  
[with hydrogen, water or heavy water; with hydrides of metals or complexes thereof; with boranes, diboranes, silanes, disilanes, phosphines, diphosphines, stibines, distibines, arsines, or diarsines or complexes thereof]
11/05  
[with water, e.g. steam; with heavy water]
11/07  . with halogens; with halogen acids or salts thereof; with oxides or oxyacids of halogens or salts thereof
11/09  . with free halogens or interhalogen compounds
11/11  . with halogen acids or salts thereof
11/13  . Ammonium halides or halides of elements of Groups 1 or 11 of the Periodic System
11/15  . Halides of elements of Groups 2 or 12 of the Periodic System
11/17  . Halides of elements of Groups 3 or 13 of the Periodic System
11/20  . Halides of elements of Groups 4 or 14 of the Periodic System, e.g. zirconyl chloride
11/22  . Halides of elements of Groups 5 or 15 of the Periodic System
11/24  . Halides of elements of Groups 6 or 16 of the Periodic System, e.g. chromyl chloride
11/26  . Halides of elements of Group 7 of the Periodic System (interhalogen compounds D06M 11/09)
11/28  . Halides of elements of Groups 8, 9, 10 or 18 of the Periodic System
11/30  . with oxides of halogens, oxyacids of halogens or their salts, e.g. with perchlorates
11/32  . with oxygen, ozone, ozonides, oxides, hydroxides or percompounds; Salts derived from anions with an amphoteric element-oxygen bond (with water or heavy water D06M 11/05; with oxides or oxyacids of halogens D06M 11/30)
11/34  . with oxygen, ozone or ozonides
11/36  . with oxides, hydroxides or mixed oxides; with salts derived from anions with an amphoteric element-oxygen bond
11/38  . Oxides or hydroxides of elements of Groups 1 or 11 of the Periodic System
11/38  . [Saponification of cellulose-acetate]
11/40  . combined with, or in absence of, mechanical tension, e.g. slack mercerising
11/42  . Oxides or hydroxides of copper, silver or gold
11/44  . Oxides or hydroxides of elements of Groups 2 or 12 of the Periodic System; Zincates; Cadmates
11/45  . Oxides or hydroxides of elements of Groups 3 or 13 of the Periodic System; Aluminates
11/46  . Oxides or hydroxides of elements of Groups 4 or 14 of the Periodic System; Titanates; Zirconates; Stamates; Plumbates
11/47  . Oxides or hydroxides of elements of Groups 5 or 15 of the Periodic System; Vanadates; Niobates; Tantalates; Arsenates; Antimonates; Bismuthates
11/48  . Oxides or hydroxides of chromium, molybdenum or tungsten; Chromates; Dichromates; Molybdates; Tungstates
11/48  . [Oxides or hydroxides of manganese; Manganates (permanganates D06M 11/50)]
11/49  . Oxides or hydroxides of elements of Groups 8, 9, 10 or 18 of the Periodic System; Ferrates; Cobaltates; Nickelates; Ruthenates; Osmates; Rhodates; Iridates; Palladates; Platinumes
11/50  . with hydrogen peroxide or peroxides of metals; with persulfuric, permanganic, pernitric, percarbonic acids or their salts
11/51  . with sulfur, selenium, tellurium, polonium or compounds thereof (with persulfuric acids or their salts D06M 11/50)
11/52  . with selenium, tellurium, polonium or their compounds; with sulfur, dithionites or compounds containing sulfur and halogens, with or without oxygen; by sulfohalogenation with chlorosulfonic acid; by sulfohalogenation with a mixture of sulfur dioxide and free halogens
11/53  . with hydrogen sulfide or its salts; with polysulfides
11/54  . with sulfur dioxide; with sulfurous acid or its salts (D06M 11/52 takes precedence)
11/55  . with sulfur trioxide; with sulfuric acid or thiosulfuric acid or their salts
11/56  . . Sulfates or thiosulfates other than of elements of Groups 3 or 13 of the Periodic System
11/57  . . Sulfates or thiosulfates of elements of Groups 3 or 13 of the Periodic System, e.g. alums
11/58  . . with nitrogen or compounds thereof, e.g. with nitrates (with ammonium halides D06M 11/13)
11/59  . . with ammonia; with complexes of organic amines with inorganic substances
11/60  . . Ammonia as a gas or in solution
11/61  . . Liquid ammonia
11/62  . . Complexes of metal oxides or complexes of metal salts with ammonia or with organic amines
11/63  . . with hydroxylamine or hydrazine
11/64  . . with nitrogen oxides; with oxyacids of nitrogen or their salts (with pernitric acids or their salts D06M 11/50)
11/65  . . Salts of oxynitrogen acids
11/66  . . with sulfamic acid or its salts
11/67  . . with cyanogen or compounds thereof, e.g. with cyanohydric acid, cyanic acid, isocyanic acid, thiocyanic acid, isothiocyanic acid or their salts, or with cyanamides; with carbamic acid or its salts (with dicyanamides D06M 13/432)
11/68  . . with phosphorus or compounds thereof, e.g. with chlorophosphonic acid or salts thereof (with phosphines or diphosphines D06M 11/01; with selenium or tellurium compounds D06M 11/52; with polyporphazene or derivatives thereof D06M 15/673)
11/69  . . with phosphorus; with halides or oxylhalides of phosphorus; with chlorophosphonic acid or its salts
11/70  . . with oxides of phosphorus; with hypophosphorous, phosphorous or phosphoric acids or their salts
11/71  . . Salts of phosphoric acids
11/72  . . with metaphosphoric acids or their salts; with polyphosphoric acids or their salts; with perphosphoric acids or their salts
11/73  . . with carbon or compounds thereof (D06M 11/67 takes precedence)
11/74  . . with carbon or graphite; with caricides; with graphitic acids or their salts
11/75  . . with phosgene; with compounds containing both carbon and sulfur, e.g. thiophosgene (with thiocyanic acid D06M 11/67; with thiocarbamic acid D06M 13/425; with thiourea D06M 13/432)
11/76 . . with carbon oxides or carbonates (D06M 11/75 takes precedence; with percarbonic acids or their salts D06M 11/50; with urea D06M 13/432)

11/77 . . with silicon or compounds thereof (with silanes or disilanes D06M 11/01)

11/78 . . with silicon; with halides or oxyhalides of silicon; with fluorosilicates

11/79 . . with silicon dioxide, silicic acids or their salts

11/80 . . with boron or compounds thereof, e.g. borides (with boranes or diboranes D06M 10/00; with boron carbides D06M 11/74)

11/81 . . with boron; with boron halides; with fluoroaborates

11/82 . . with boron oxides; with boric, meta- or perboric acids or their salts, e.g. with borax

11/83 . . with metals; with metal-generating compounds, e.g. metal carbnolys; Reduction of metal compounds on textiles

11/84 . combined with mechanical treatment (combined with mechanical tension, e.g. mercerising D06M 11/40)

13/00 Treating fibres, threads, yarns, fabrics or fibrous goods made from such materials, with non-macromolecular organic compounds (D06M 10/00, D06M 14/00 take precedence; treatment with complexes of organic amines with inorganic substances D06M 11/59); Such treatment combined with mechanical treatment

**NOTE**

In this group the following term is used with the meaning indicated:

- “treatment” means, in the absence of an indication to the contrary, the treatment which leads to the end product, e.g. treatment with chloroacetic acid can mean treatment with chloroacetylchloride and saponification in two separate steps

13/005 . . (Compositions containing perfumes; Compositions containing deodorants)

13/02 . . with hydrocarbons

13/03 . . . with unsaturated hydrocarbons, e.g. alkenes, or alkynes

13/07 . . . Aromatic hydrocarbons

13/08 . . with halogenated hydrocarbons

13/085 . . (cycloaliphatic)

13/10 . . with compounds containing oxygen

13/11 . . . Compounds containing epoxy groups or precursors thereof

13/12 . . . Aldehydes; Ketones

13/123 . . . Polyaldehydes; Polyketones

13/127 . . . Mono-aldehydes, e.g. formaldehyde; Monoketones

13/13 . . . Unsaturated aldehydes, e.g. acrolein; Unsaturated ketones; Ketenes (Diketenes)

13/133 . . . Halogenated aldehydes; Halogenated ketones (Halogenated ketenes)

13/137 . . . Acetals, e.g. formal, or ketals

13/144 . . . Alcohols; Metal alcoholates (D06M 13/11 takes precedence)

13/148 . . . Polyalcohols, e.g. glycerol [or glucose]

13/152 . . . having a hydroxy group bound to a carbon atom of a six-membered aromatic ring

13/156 . . . containing halogen atoms

13/165 . . . Ethers (D06M 13/11 takes precedence)

13/17 . . . Polyoxyalkylene glycol ethers

13/175 . . . Unsatcured ethers, e.g. vinyl ethers

13/184 . . . Carboxylic acids; Anhydrides, halides or salts thereof

13/1845 . . . Aromatic mono- or poly carboxylic acids

13/188 . . . Monocarboxylic acids; Anhydrides, halides or salts thereof (D06M 13/1845 takes precedence)

13/192 . . . Polycarboxylic acids; Anhydrides, halides or salts thereof (D06M 13/1845 takes precedence)

13/196 . . . Peracetic acids; Anhydrides, halides or salts thereof

13/203 . . . Unsatcured carboxylic acids; Anhydrides, halides or salts thereof

13/2035 . . . Aromatic acids

13/207 . . . Substituted carboxylic acids, e.g. by hydroxy or keto groups; Anhydrides, halides or salts thereof

13/21 . . . Halogenated carboxylic acids; Anhydrides, halides or salts thereof

13/213 . . . . . . Peroxyalkylene glycol acids; Anhydrides, halides or salts thereof

13/217 . . . . Polyoxoalkylene glycol ethers with a terminal carboxyl group; Anhydrides, halides or salts thereof

13/224 . . . Esters of carboxylic acids; Esters of carbonic acid

13/2243 . . . . . Mono-, di-, or triglycerides

13/2246 . . . . . [Esters of unsaturated carboxylic acids]

13/228 . . . . . . Cyclic esters, e.g. lactones

13/232 . . . . . . Organic carbonates

13/236 . . . . . . containing halogen atoms

13/238 . . . . . . Tannins, e.g. gallolic acids

13/244 . . . . with compounds containing sulfur or phosphorus

13/248 . . . . with compounds containing sulfur

13/252 . . . . Mercaptans, thiophenols, sulfides or polysulfides, e.g. mercapto acetic acid; Sulfonium compounds

13/256 . . . . Sulfonated compounds (esters thereof, e.g. sulfones)

13/262 . . . . Sulfated compounds (thiosulfates)

13/265 . . . . . containing halogen atoms

13/268 . . . . . Sulfones

13/272 . . . . . Unsaturated compounds containing sulfur atoms

13/275 . . . . . Vinylthioethers

13/278 . . . . . Vinylsulfonium compounds; Vinylsulfone or vinylsulfoxide compounds

13/282 . . . . with compounds containing phosphorus

13/285 . . . . Phosphines; Phosphine oxides; Phosphine sulfides; Phosphinic or phosphinous acids or derivatives thereof

13/288 . . . . Phosphonic or phosphonous acids or derivatives thereof

13/29 . . . . . containing halogen atoms

13/292 . . . . . Mono-, di- or triesters of phosphoric or phosphorous acids; Salts thereof

13/295 . . . . . containing polyglycol moieties; containing neopentyl moieties

13/298 . . . . . containing halogen atoms
13/313 . . . Unsaturated compounds containing phosphorus atoms, e.g. vinylphosphonium compounds

13/322 . . with compounds containing nitrogen

13/325 . . . Amines

13/3255 . . . [Vinylamine; Allylamine]

13/328 . . . the amino group being bound to an acyclic or cycloaliphatic carbon atom

13/33 . . . containing halogen atoms

13/332 . . . Di- or polyamines

13/335 . . . having an amino group bound to a carbon atom of a six-membered aromatic ring

13/338 . . . Organic hydrazines; Hydrazinium compounds

13/342 . . . Amino-carboxylic acids; Betaines; Aminosulfonic acids; Sulfo-betaines

13/345 . . . Nitriles

13/348 . . . unsaturated, e.g. acrylonitrile

13/35 . . . Heterocyclic compounds

13/352 . . . having five-membered heterocyclic rings

13/355 . . . having six-membered heterocyclic rings

13/358 . . . Triazines

13/364 . . . . . . Cyanuric acid; Isocyanuric acid; Derivatives thereof

13/368 . . . . . Hydroxyalkylamines; Derivatives thereof, e.g. Krichevsky bases

13/372 . . . containing etherified or esterified hydroxy groups (Polyethers of low molecular weight)

13/376 . . . Oximes

13/382 . . . Aminoaldehydes

13/385 . . . containing epoxy groups

13/388 . . . Amine oxides

13/392 . . . Nitroso compounds; Nitro compounds

13/395 . . . Isocyanates

13/398 . . . containing fluorine atoms

13/402 . . . Amides [imides, sulfamic acids]

13/405 . . . Acylated polyalkylene polyamines

13/408 . . . Acylated amines containing fluorine atoms; Amides of perfluoro carboxylic acids

13/41 . . . Amides derived from unsaturated carboxylic acids, e.g. acrylamide

13/412 . . . N-methylolacrylamides

13/415 . . . Amides of aromatic carboxylic acids; Acylated aromatic amines

13/418 . . . Cyclic amides, e.g. lactams; Amides of oxalic acid

13/419 . . . Amides having nitrogen atoms of amide groups substituted by hydroxylalkyl or by etherified or esterified hydroxylalkyl groups

13/422 . . . Hydrazides

13/425 . . . Carbamic or thio carbamic acids or derivatives thereof, e.g. urethanes (unsubstituted carbamic acid D06M 11/67)

13/428 . . . containing fluorine atoms

13/432 . . . Urea, thiourea or derivatives thereof, e.g. biurets; Urea-inclusion compounds; Dicyanamides; [Carbodiimides;] Guanidines, e.g. dicyandiamides

13/435 . . . Semicarbazides

13/438 . . . Sulfonamides [Sulfamic acids]

13/44 . . . containing nitrogen and phosphorus

13/447 . . . Phosphonates or phosphinates containing nitrogen atoms

13/453 . . . Phosphates or phosphites containing nitrogen atoms

13/46 . . . Compounds containing quaternary nitrogen atoms (hydrazinium compounds D06M 13/338; betaines, sulfo-betaines D06M 13/342)

13/461 . . . [Quaternised amine-amides from polyamines or heterocyclic compounds or polyamino-acids]

13/463 . . . derived from monoamines

13/467 . . . derived from polyamines

13/47 . . . derived from heterocyclic compounds

13/473 . . . having five-membered heterocyclic rings

13/477 . . . having six-membered heterocyclic rings

13/48 . . . containing the ethylene imine ring

13/487 . . . Aziridinylphosphines; Aziridinylphosphine-oxides or sulfides; Carbonylaziridinyl or carbonylbisaziridinyl compounds; Sulfonylaziridinyl or sulfonylbisaziridinyl compounds

13/493 . . . perfluorinated

13/50 . . . with organometallic compounds; with organic compounds containing boron, silicon, selenium or tellurium atoms

13/503 . . . without bond between a carbon atom and a metal or a boron, silicon, selenium or tellurium atom

13/507 . . . Organic silicon compounds without carbon-silicon bond

13/51 . . . Compounds with at least one carbon-metal or carbon-boron, carbon-silicon, carbon-selenium, or carbon-tellurium bond

13/513 . . . with at least one carbon-silicon bond

13/5135 . . . [Unsaturated compounds containing silicon atoms]

13/517 . . . containing silicon-halogen bonds

13/52 . . . combined with mechanical treatment

13/522 . . . [Fulling]

13/525 . . . Embossing; Calendering; Pressing

13/53 . . . Cooling; Steaming or heating, e.g. in fluidised beds; with molten metals

13/535 . . . Suction; Vacuum treatment; Degassing; Blowing

14/00 Graft polymerisation of monomers containing carbon-to-carbon unsaturated bonds on to fibres, threads, yarns, fabrics, or fibrous goods made from such materials (on to unshaped polymers C08F 251/00 - C08F 292/00)

14/02 . . . on to materials of natural origin (D06M 14/18 takes precedence)

14/04 . . . of vegetal origin, e.g. cellulose or derivatives thereof

14/06 . . . of animal origin, e.g. wool or silk

14/08 . . . on to materials of synthetic origin (D06M 14/18 takes precedence)

14/10 . . . of macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

14/12 . . . of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds

14/14 . . . Polymesters

14/16 . . . Polymides

14/18 . . . using wave energy or particle radiation

14/20 . . . on to materials of natural origin

14/22 . . . of vegetal origin, e.g. cellulose or derivatives thereof

14/24 . . . of animal origin, e.g. wool or silk

14/26 . . . on to materials of synthetic origin
... of macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

14/30 . . . of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds

14/32 . . . . Polysters
14/34 . . . . Polyamides
14/36 . . . on to carbon fibres

15/00 Treating fibres, threads, yarns, fabrics, or fibrous goods made from such materials, with macromolecular compounds; Such treatment combined with mechanical treatment (D06M 10/00, D06M 14/00 take precedence; [treatment with inorganic polyphosphates D06M 11/72])

NOTE

In this group, the following term is used with the meaning indicated:

• "treatment" means, in the absence of an indication to the contrary, the treatment which leads to the end product, e.g.
  a. treatment with polyvinylalcohol can mean treatment with polyvinylacetate and subsequent saponification in a separate step
  b. treatment with aminoplast can mean the delayed cure process or the treatment with precondensation products, or with e.g. urea and formaldehyde in two separate steps

15/01 . . . with natural macromolecular compounds or derivatives thereof (with natural rubber or derivatives thereof D06M 15/693)
15/03 . . . Polysaccharides or derivatives thereof
15/035 . . . [Polymeric alcohol xanthates]
15/05 . . . . Cellulose or derivatives thereof
15/055 . . . . with the residual liquids derived of the sulfatic process for the preparation of cellulose
15/07 . . . . Cellulose esters
15/09 . . . . Cellulose ethers
15/11 . . . . Starch or derivatives thereof
15/13 . . . . Algicin acid or derivatives thereof
15/15 . . . . Proteins or derivatives thereof
15/155 . . . . [Treatment in the presence of salts derived from amphoteric metal hydroxides]
15/17 . . . . Natural resins, resinous alcohols, resinous acids, or derivatives thereof
15/19 . . . with synthetic macromolecular compounds (with synthetic rubber D06M 15/693)
15/195 . . . . [sulfated or sulfonated]
15/21 . . . . Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

15/227 . . . . of hydrocarbons, or reaction products thereof, e.g. afterhalogenated or sulfochlorinated
15/233 . . . . aromatic, e.g. styrene
15/244 . . . . of halogenated hydrocarbons (afterhalogenated hydrocarbons D06M 15/227)
15/248 . . . . containing chlorine
15/252 . . . . containing bromine
15/256 . . . . containing fluorne
15/263 . . . . of unsaturated carboxylic acids; Salts or esters thereof
15/267 . . . . of unsaturated carboxylic esters having amino or quaternary ammonium groups
15/27 . . . . of alkylpolyalkylene glycol esters of unsaturated carboxylic acids
15/273 . . . . of unsaturated carboxylic esters of epoxy groups
15/2735 . . . . [of unsaturated carboxylic esters having mercapto groups]
15/277 . . . . containing fluorine
15/285 . . . . of unsaturated carboxylic acid amides or imides
15/29 . . . . containing a N-methylol group or an etherified N-methylol group; containing a N-aminomethylene group; containing a N-sulfidonemethylene group
15/295 . . . . containing fluorine
15/31 . . . . of unsaturated nitriles
15/327 . . . . of unsaturated alcohols or esters thereof
15/33 . . . . Esters containing fluorine
15/333 . . . . of vinyl acetate; Polyvinylalcohol
15/3335 . . . . [fluorinated]
15/347 . . . . of unsaturated ethers, acetals, hemiacetals, ketones or aldehydes
15/353 . . . . containing fluorine
15/356 . . . . of other unsaturated compounds containing nitrogen, sulfur, silicon or phosphorus atoms
15/3562 . . . . [containing nitrogen]
15/3564 . . . . [containing phosphorus]
15/3566 . . . . [containing sulfur]
15/3568 . . . . [containing silicon]
15/37 . . . . Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds
15/39 . . . . Aldehyde resins; Ketone resins; Polyacetals
15/41 . . . . Phenol-aldehyde or phenol-ketone resins
15/412 . . . . [sulfonated]
15/415 . . . . modified by compounds containing phosphorus
15/423 . . . . Amino-aldehyde resins
15/427 . . . . modified by alkoxylated compounds or alkylene oxides
15/429 . . . . modified by compounds containing sulfur
15/43 . . . . modified by phosphorus compounds
15/431 . . . . by phosphines or phosphine oxides; by oxides or salts of the phosphonium radical
15/432 . . . . by phosphonic acids or derivatives thereof
15/433 . . . . by phosphoric acids
15/437 . . . . containing fluorine
15/45 . . . . Use of special catalysts
15/507 . . . . Polysters
15/5075 . . . . [containing sulfonic groups]
15/51 . . . . Unsaturated polymerisable polysters
15/513 . . . . Polycarbonates
15/53 . . . . Polyesters (polyacetals D06M 15/39)
15/55 . . . . Epoxy resins
15/555 . . . . modified by compounds containing phosphorus
15/564 . . . . Polyureas, polyurethanes or other polymers having uride or urethane links; Precondensation products forming them
15/568 . . . . Reaction products of isocyanates with polyethers
Natural fibres, other than mineral fibres

2101/10

Blends of fibres are indexed according to each constituent fibre
Synthetic fibres consisting of macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

Polymers or copolymers of halogenated monomers

Polymers or copolymers of unsaturated carboxylic acids or derivatives thereof

Acrylonitrile; Methacrylonitrile

Synthetic polymers consisting of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds

Polymers or copolymers of alkenylalcohols or esters thereof; Polymers or copolymers of alkenylethers, acetals or ketones

Polyesters

Polyamides

Aromatic polyamides

Polymers or copolymers of alkenylalcohols or esters thereof; Polymers or copolymers of alkenylethers, acetals or ketones

Polyurethanes

Fibres of carbon

Functionality of the treatment composition and/or properties imparted to the textile material

Stain or soil resistance

Lotus effect

Repellency against liquids

Oleophobic properties

Hydrophobic properties

Treatment influencing the crease behaviour, the wrinkle resistance, the crease recovery or the ironing ease

Resistance to light or sun, i.e. protection of the textile itself as well as UV shielding materials or treatment compositions therefor; Anti-yellowing treatments

Flame or heat resistance, fire retardancy properties

Abrasion, pilling or fibrillation resistance

Reduced friction resistance, lubricant properties; Sizing compositions

Shrinking resistance, anti-felting properties

Modified hand or grip properties; Softening compositions

Specific information on the treatment or the process itself not provided in

Creating covalent bondings between the treating agent and the fibre

Treating compositions in the form of solgel or aerogel