1/00 General methods for the manufacture of artificial filaments or the like
1/02 . . Addition of substances to the spinning solution or to the melt (addition of substances to viscose)
D01F 2/08 - D01F 2/20
1/04 . . Pigments
1/06 . . Dyes
1/07 . . for making fire- or flame-proof filaments
1/08 . . for forming hollow filaments
1/09 . . for making electroconductive or anti-static filaments
1/10 . . Other agents for modifying properties
1/103 . . . [Agents inhibiting growth of microorganisms]
1/106 . . . [Radiation shielding agents, e.g. absorbing, reflecting agents]
2/00 Monocomponent artificial filaments or the like of cellulose or cellulose derivatives; Manufacture thereof
2/02 . . from solutions of cellulose in acids, bases or salts
2/04 . . from cuprammonium solutions
2/06 . . from viscose (preparation of alkali cellulose C08B)
2/08 . . Composition of the spinning solution or the bath (preparing or dissolving cellulose xanthate C08B)
2/10 . . . Addition to the spinning solution or spinning bath of substances which exert their effect equally well in either
2/12 . . . Addition of delustering agents to the spinning solution
2/14 . . . . . Addition of pigments
2/16 . . . . . Addition of dyes to the spinning solution
2/18 . . . . . Addition to the spinning solution of substances to influence ripening
2/20 . . . for the manufacture of hollow threads
2/22 . . . by the dry spinning process
2/24 . . . from cellulose derivatives
2/26 . . . from nitrocellulose
2/28 . . . from organic cellulose esters or ethers, e.g. cellulose acetate
2/30 . . . by the dry spinning process
4/00 Monocomponent artificial filaments or the like of proteins; Manufacture thereof

4/02 . . from fibroin
4/04 . . from casein
4/06 . . from globulins, e.g. groundnut protein
6/00 Monocomponent artificial filaments or the like of synthetic polymers; Manufacture thereof
6/02 . . from homopolymers obtained by reactions only involving carbon-to-carbon unsaturated bonds
6/04 . . . from polyolefins
6/06 . . . . from polypropylene
6/08 . . . . from polymers of halogenated hydrocarbons
6/10 . . . . from polystyrene, e.g. absorbing, reflecting agents
6/12 . . . . from polymers of fluorinated hydrocarbons
6/14 . . . . from polymers of unsaturated alcohols, e.g. polyvinyl alcohol, or of their acetals or ketals
6/16 . . . . from polymers of unsaturated carboxylic acids or unsaturated organic esters, e.g. polyacrylic esters, polyvinyl acetate
6/18 . . . . from polymers of unsaturated nitriles, e.g. polyacrylonitrile, polyvinylidene cyanide
6/20 . . . . from polymers of cyclic compounds with one carbon-to-carbon double bond in the side chain
6/22 . . . . from polystyrene
6/24 . . . . from polymers of aliphatic compounds with more than one carbon-to-carbon double bond
6/26 . . . . from other polymers
6/28 . . . . from copolymers obtained by reactions only involving carbon-to-carbon unsaturated bonds

NOTE
For the purposes of groups D01F 6/30 - D01F 6/96, the percentage for determining the major constituent is expressed in mole percent.

6/30 . . . comprising olefins as the major constituent
6/32 . . . comprising halogenated hydrocarbons as the major constituent
6/34 . . . comprising unsaturated alcohols, acetals or ketals as the major constituent
6/36 . . . comprising unsaturated carboxylic acids or unsaturated organic esters as the major constituent
Conjugated, i.e. bi- or multicomponent, artificial filaments or the like; Manufacture thereof

8/00 Artificial filaments or the like of other substances; Manufacture thereof; Apparatus specially adapted for the manufacture of carbon filaments

8/16 . . . with at least one other macromolecular compound obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds as constituent

8/18 . . . from other substances

9/00 Conjugated, i.e. bi- or multicomponent, artificial filaments or the like; Manufacture thereof

9/02 . . . of reaction products of rubber with acids or acid anhydrides, e.g. sulfur dioxide

9/04 . . . of alginates

9/08 . . . of inorganic material (from softened glass, minerals or slags C03B 37/00; {obtaining ceramic fibres C04B 35/62227}; incandescent bodies F21H, H01K 1/02, H01K 3/02)

9/10 . . . by decomposition of organic substances

9/12 . . . Carbon filaments; Apparatus specially adapted for the manufacture thereof (D01F 9/12 takes precedence)

9/13 . . . Apparatus therefor

9/14 . . . by decomposition of organic filaments

9/15 . . . from pitch or distillation residues

9/16 . . . from products of vegetable origin or derivatives thereof, e.g. from cellulose acetate (D01F 9/18 takes precedence)

9/17 . . . from lignin

9/18 . . . from proteins, e.g. from wool

9/20 . . . from polyaddition, polycondensation or polymerisation products (D01F 9/145, D01F 9/16, D01F 9/18 take precedence)

9/21 . . . from macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds

9/22 . . . from polyacrylonitriles

9/24 . . . from macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds

9/25 . . . {from stabilised polyacrylonitriles}

9/26 . . . from polyesters

9/28 . . . from polyamides

9/30 . . . . . . from aromatic polyamides

9/32 . . . . . . Apparatus therefor

9/322 . . . . {for manufacturing filaments from pitch}

9/324 . . . . {for manufacturing filaments from products of vegetable origin}

9/326 . . . . {for manufacturing filaments from proteins}
D01F

9/328 . . . . (for manufacturing filaments from polyaddition, polycondensation, or polymerisation products)

11/00 Chemical after-treatment of artificial filaments or the like during manufacture ((of artificial filaments from softened glass, minerals or slags C03C; from ceramics C04B; finishing D06M)
11/02 . of cellulose, cellulose derivatives, or proteins
11/04 . of synthetic polymers
11/06 . . of macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds
11/08 . . of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds
11/10 . of carbon
11/12 . . with inorganic substances {Intercalation}
11/121 . . {Halogen, halogenic acids or their salts}
11/122 . . {Oxygen, oxygen-generating compounds (anode oxidising D01F 11/16) }
11/123 . . {Oxides}
11/124 . . {Boron, borides, boron nitrides}
11/125 . . {Carbon}
11/126 . . {Carbides (boron-comprising compounds D01F 11/124; nitrogen carbide D01F 11/128) }
11/127 . . {Metals (metal depositing by electrolysis D01F 11/16; metal alloys with reinforcing carbon fibres C22C 49/14) }
11/128 . . {Nitrides, nitrogen carbides (nitrogen borides D01F 11/124) }
11/129 . . {Intercalated carbon- or graphite fibres }
11/14 . . with organic compounds, e.g. macromolecular compounds
11/16 . . by physicochemical methods
13/00 Recovery of starting material, waste material or solvents during the manufacture of artificial filaments or the like
13/02 . of cellulose, cellulose derivatives or proteins {recovery of sodium sulfate from coagulation baths C01D 5/006)
13/04 . of synthetic polymers