SECTION C — CHEMISTRY; METALLURGY

C08 ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON

C08L COMPOSITIONS OF MACROMOLECULAR COMPOUNDS (compositions based on polymerisable monomers C08F, C08G; artificial filaments or fibres D01F; textile treating compositions D06) **[2]**

Note(s) [2, 2006.01]

1. In this subclass, the following term is used with the meaning indicated:
   - "rubber" includes:
     a. natural or conjugated diene rubbers;
     b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for compositions of such macromolecular compounds).
2. In this subclass:
   a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents;
   b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion; if all these constituents are present in equal proportions the composition is classified according to each of these constituents.
3. Any macromolecular constituent of a composition which is not identified by the classification according to Note (2) above, and the use of which is determined to be novel and non-obvious, must also be classified in this subclass. For example, a composition containing 80 parts polyethene and 20 parts polyvinyl chloride is classified in both groups C08L 23/06 and C08L 27/06, if the use of polyvinyl chloride is determined to be novel and non-obvious.
4. Any macromolecular constituent of a composition which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".

Subclass index

Compositions of polysaccharides or of their derivatives.....1/00-5/00
Compositions of rubbers or of their derivatives.....7/00-21/00
Compositions of macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers.....23/00-57/00
Compositions of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers.....59/00-87/00
Compositions of natural macromolecular compounds or of derivatives thereof.....89/00-99/00
Compositions of unspecified macromolecular compounds.....101/00

Compositions of polysaccharides or of their derivatives [2]

1/00 Compositions of cellulose, modified cellulose, or cellulose derivatives [2, 2006.01]

1/02 • Cellulose; Modified cellulose **[2, 2006.01]**
1/04 • • Oxycellulose; Hydrocellulose **[2, 2006.01]**
1/06 • • Cellulose hydrate **[2, 2006.01]**
1/08 • Cellulose derivatives **[2, 2006.01]**
1/10 • • Esters of organic acids **[2, 2006.01]**
1/12 • • • Cellulose acetate **[2, 2006.01]**
1/14 • • • Mixed esters, e.g. cellulose acetate-butyrate **[2, 2006.01]**
1/16 • • Esters of inorganic acids **[2, 2006.01]**
1/18 • • • Cellulose nitrate **[2, 2006.01]**
1/20 • • Esters of both organic acids and inorganic acids **[2, 2006.01]**
1/22 • • Cellulose xanthate **[2, 2006.01]**
1/24 • • • Viscose **[2, 2006.01]**
1/26 • • Cellulose ethers **[2, 2006.01]**
1/28 • • • Alkyl ethers **[2, 2006.01]**
1/30 • • • Aryl ethers; Aralkyl ethers **[2, 2006.01]**
1/32 • • Cellulose ether-esters **[2, 2006.01]**

3/00 Compositions of starch, amylose or amylopectin or of their derivatives or degradation products [2, 2006.01]

3/02 • Starch; Degradation products thereof, e.g. dextrin **[2, 2006.01]**
3/04 • Starch derivatives **[2, 2006.01]**
3/06 • • Esters **[2, 2006.01]**
3/08 • • Ethers **[2, 2006.01]**
3/10 • • Oxidised starch **[2, 2006.01]**
3/12 • Amylose; Amylopectin; Degradation products thereof **[2, 2006.01]**
3/14 • Amylose derivatives; Amylopectin derivatives **[2, 2006.01]**
3/16 • • Esters **[2, 2006.01]**

3/18 • • Ethers **[2, 2006.01]**
3/20 • • Oxidised amylose; Oxidised amylopectin **[2, 2006.01]**

5/00 Compositions of polysaccharides or of their derivatives not provided for in group C08L 1/00 or C08L 3/00 [2, 2006.01]
5/02 • Dextran; Derivatives thereof **[2, 2006.01]**
5/04 • Alginic acid; Derivatives thereof **[2, 2006.01]**
5/06 • Pectin; Derivatives thereof **[2, 2006.01]**
5/08 • Chitin; Chondroitin sulfate; Hyaluronic acid; Derivatives thereof **[2, 2006.01]**
5/10 • Heparin; Derivatives thereof **[2, 2006.01]**
5/12 • Agar-agar; Derivatives thereof **[2, 2006.01]**
5/14 • Hemicellulose; Derivatives thereof **[2, 2006.01]**
5/16 • Cyclodextrin; Derivatives thereof **[2, 2006.01]**

Compositions of rubbers or of their derivatives [2]

7/00 Compositions of natural rubber [2, 2006.01]
7/02 • Latex **[2, 2006.01]**

9/00 Compositions of homopolymers or copolymers of conjugated diene hydrocarbons [2, 2006.01]
9/02 • Copolymers with acrylonitrile **[2, 2006.01]**
9/04 • • Latex **[2, 2006.01]**
9/06 • Copolymers with styrene **[2, 2006.01]**
9/08 • • Latex **[2, 2006.01]**
9/10 • Latex (C08L 9/04, C08L 9/08 take precedence) **[2, 2006.01]**

11/00 Compositions of homopolymers or copolymers of chloroprene [2, 2006.01]
11/02 • Latex **[2, 2006.01]**

13/00 Compositions of rubbers containing carboxyl groups [2, 2006.01]
13/02 • Latex **[2, 2006.01]**

15/00 Compositions of rubber derivatives (C08L 11/00, C08L 13/00 take precedence) **[4, 2006.01]**
15/02 • Rubber derivatives containing halogen **[2, 2006.01]**

17/00 Compositions of reclaimed rubber [2, 2006.01]

19/00 Compositions of rubbers not provided for in groups C08L 7/00-C08L 17/00 [2, 2006.01]
19/02 • Latex **[2, 2006.01]**

21/00 Compositions of unspecified rubbers [2, 2006.01]
21/02 • Latex **[2, 2006.01]**

Compositions of macromolecular compounds obtained by reactions involving only carbon-to-carbon unsaturated bonds [2]

Note(s) [2006.01]

1. In groups C08L 23/00-C08L 49/00, "aliphatic radical" means an acyclic or a non-aromatic carbocyclic carbon skeleton which is considered to be terminated by every bond to:
   a. an element other than carbon;
   b. a carbon atom having a double bond to one atom other than carbon;
   c. an aromatic carbocyclic ring or a heterocyclic ring.
2. In groups C08L 23/00-C08L 49/00, in the absence of an indication to the contrary, a copolymer is classified according to the major monomeric component.

23/00 Compositions of homopolymers or copolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond; Compositions of derivatives of such polymers [2, 2006.01]
23/02 • not modified by chemical after-treatment **[2, 2006.01]**
23/04 • • Homopolymers or copolymers of ethene **[2, 2006.01]**
23/06 • • • Polyethene **[2, 2006.01]**
23/08 • • • Copolymers of ethene (C08L 23/16 takes precedence) **[2, 2006.01]**
23/10 • • Homopolymers or copolymers of propene **[2, 2006.01]**
23/12 • • • Polypropene **[2, 2006.01]**
23/14 • • • Copolymers of propene (C08L 23/16 takes precedence) **[2, 2006.01]**
23/16 • • Ethene-propene or ethene-propene-diene copolymers **[2, 2006.01]**
23/18 • • Homopolymers or copolymers of hydrocarbons having four or more carbon atoms **[2, 2006.01]**
23/20 • • • having four to nine carbon atoms **[2, 2006.01]**
23/22 • • • • Copolymers of isobutene; Butyl rubber **[2, 2006.01]**
23/24 • • • having ten or more carbon atoms **[2, 2006.01]**
23/26 • modified by chemical after-treatment **[2, 2006.01]**
23/28 • • by reaction with halogens or halogen-containing compounds (C08L 23/32 takes precedence) **[2, 2006.01]**
23/30 • • by oxidation **[2, 2006.01]**
23/32 • • by reaction with phosphorus- or sulfur-containing compounds **[2, 2006.01]**
23/34 • • • by chlorosulfonation **[2, 2006.01]**
23/36 • • by reaction with nitrogen-containing compounds, e.g. by nitration **[2, 2006.01]**

25/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carbocyclic ring; Compositions of derivatives of such polymers [2, 2006.01]
25/02 • Homopolymers or copolymers of hydrocarbons **[2, 2006.01]**
25/04 • • Homopolymers or copolymers of styrene **[2, 2006.01]**
25/06 • • • Polystyrene **[2, 2006.01]**
25/08 • • • Copolymers of styrene (C08L 29/08, C08L 35/06, C08L 55/02 take precedence) **[2, 2006.01]**
25/10 • • • • with conjugated dienes **[2, 2006.01]**
25/12 • • • • with unsaturated nitriles **[2, 2006.01]**
25/14 • • • • with unsaturated esters **[2, 2006.01]**
25/16 • • Homopolymers or copolymers of alkyl-substituted styrenes **[2, 2006.01]**
25/18 • Homopolymers or copolymers of aromatic monomers containing elements other than carbon and hydrogen **[2, 2006.01]**

27/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a halogen; Compositions of derivatives of such polymers [2, 2006.01]

27/02 • not modified by chemical after-treatment **[2, 2006.01]**

27/04 • • containing chlorine atoms **[2, 2006.01]**

27/06 • • • Homopolymers or copolymers of vinyl chloride **[2, 2006.01]**

27/08 • • • Homopolymers or copolymers of vinylidene chloride **[2, 2006.01]**

27/10 • • containing bromine or iodine atoms **[2, 2006.01]**

27/12 • • containing fluorine atoms **[2, 2006.01]**

27/14 • • • Homopolymers or copolymers of vinyl fluoride **[2, 2006.01]**

27/16 • • • Homopolymers or copolymers of vinylidene fluoride **[2, 2006.01]**

27/18 • • • Homopolymers or copolymers of tetrafluoroethene **[2, 2006.01]**

27/20 • • • Homopolymers or copolymers of hexafluoropropene **[2, 2006.01]**

27/22 • modified by chemical after-treatment **[2, 2006.01]**

27/24 • • halogenated **[2, 2006.01]**

29/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic, acetal, or ketal radical; Compositions of hydrolysed polymers of esters of unsaturated alcohols with saturated carboxylic acids; Compositions of derivatives of such polymers [2, 2006.01]

29/02 • Homopolymers or copolymers of unsaturated alcohols (C08L 29/14 takes precedence) **[2, 2006.01]**

29/04 • • Polyvinyl alcohol; Partially hydrolysed homopolymers or copolymers of esters of unsaturated alcohols with saturated carboxylic acids **[2, 2006.01]**

29/06 • • Copolymers of allyl alcohol **[2, 2006.01]**

29/08 • • • with vinyl aromatic monomers **[2, 2006.01]**

29/10 • Homopolymers or copolymers of unsaturated ethers (C08L 35/08 takes precedence) **[2, 2006.01]**

29/12 • Homopolymers or copolymers of unsaturated ketones **[2, 2006.01]**

29/14 • Homopolymers or copolymers of acetals or ketals obtained by polymerisation of unsaturated acetals or ketals or by after-treatment of polymers of unsaturated alcohols **[2, 2006.01]**

31/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid, or of a haloformic acid (of hydrolysed polymers C08L 29/00)**; Compositions of derivatives of such polymers [2, 2006.01]**

31/02 • Homopolymers or copolymers of esters of monocarboxylic acids **[2, 2006.01]**

31/04 • • Homopolymers or copolymers of vinyl acetate **[2, 2006.01]**

31/06 • Homopolymers or copolymers of esters of polycarboxylic acids **[2, 2006.01]**

31/08 • • of phthalic acid **[2, 2006.01]**

33/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical, or of salts, anhydrides, esters, amides, imides, or nitriles thereof; Compositions of derivatives of such polymers [2, 2006.01]

33/02 • Homopolymers or copolymers of acids; Metal or ammonium salts thereof **[2, 2006.01]**

33/04 • Homopolymers or copolymers of esters **[2, 2006.01]**

33/06 • • of esters containing only carbon, hydrogen, and oxygen, the oxygen atom being present only as part of the carboxyl radical **[2, 2006.01]**

33/08 • • • Homopolymers or copolymers of acrylic acid esters **[2, 2006.01]**

33/10 • • • Homopolymers or copolymers of methacrylic acid esters **[2, 2006.01]**

33/12 • • • • Homopolymers or copolymers of methyl methacrylate **[2, 2006.01]**

33/14 • • of esters containing halogen, nitrogen, sulfur, or oxygen atoms in addition to the carboxy oxygen **[2, 2006.01]**

33/16 • • • Homopolymers or copolymers of esters containing halogen atoms **[2, 2006.01]**

33/18 • Homopolymers or copolymers of nitriles **[2, 2006.01]**

33/20 • • Homopolymers or copolymers of acrylonitrile (C08L 55/02 takes precedence) **[2, 2006.01]**

33/22 • • Homopolymers or copolymers of nitriles containing four or more carbon atoms **[2, 2006.01]**

33/24 • Homopolymers or copolymers of amides or imides **[2, 2006.01]**

33/26 • • Homopolymers or copolymers of acrylamide or methacrylamide **[2, 2006.01]**

35/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical, and containing at least one other carboxyl radical in the molecule, or of salts, anhydrides, esters, amides, imides or nitriles thereof; Compositions of derivatives of such polymers [2, 2006.01]

35/02 • Homopolymers or copolymers of esters (C08L 35/06, C08L 35/08 take precedence) **[2, 2006.01]**

35/04 • Homopolymers or copolymers of nitriles (C08L 35/06, C08L 35/08 take precedence) **[2, 2006.01]**

35/06 • Copolymers with vinyl aromatic monomers **[2, 2006.01]**

35/08 • Copolymers with vinyl ethers **[2, 2006.01]**

37/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen (of cyclic esters of polyfunctional acids C08L 31/00; of cyclic anhydrides of unsaturated acids C08L 35/00)**; Compositions of derivatives of such polymers [2, 2006.01]**

39/00 **Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen; Compositions of derivatives of such polymers [2, 2006.01]**

39/02 • Homopolymers or copolymers of vinylamine **[2, 2006.01]**

39/04 • Homopolymers or copolymers of monomers containing heterocyclic rings having nitrogen as ring member **[2, 2006.01]**

39/06 • • Homopolymers or copolymers of N-vinyl-pyrrolidones **[2, 2006.01]**

39/08 • • Homopolymers or copolymers of vinyl-pyridine **[2, 2006.01]**

41/00 **Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur; Compositions of derivatives of such polymers [2, 2006.01]**

43/00 **Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing boron, silicon, phosphorus, selenium, tellurium, or a metal; Compositions of derivatives of such polymers [2, 2006.01]**

43/02 • Homopolymers or copolymers of monomers containing phosphorus **[2, 2006.01]**

43/04 • Homopolymers or copolymers of monomers containing silicon **[2, 2006.01]**

45/00 **Compositions of homopolymers or copolymers of compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic or in a heterocyclic ring system; Compositions of derivatives of such polymers** (of cyclic esters of polyfunctional acids C08L 31/00; of cyclic anhydrides or imides C08L 35/00) **[2, 2006.01]**

45/02 • of coumarone-indene polymers **[2, 2006.01]**

47/00 **Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds; Compositions of derivatives of such polymers** (C08L 45/00 takes precedence; of conjugated diene rubbers C08L 9/00-C08L 21/00) **[2, 2006.01]**

49/00 **Compositions of homopolymers or copolymers of compounds having one or more carbon-to-carbon triple bonds; Compositions of derivatives of such polymers [2, 2006.01]**

51/00 **Compositions of graft polymers in which the grafted component is obtained by reactions only involving carbon-to-carbon unsaturated bonds** (for ABS polymers C08L 55/02)**; Compositions of derivatives of such polymers [2, 2006.01]**

51/02 • grafted on to polysaccharides **[2, 2006.01]**

51/04 • grafted on to rubbers **[2, 2006.01]**

51/06 • grafted on to homopolymers or copolymers of aliphatic hydrocarbons containing only one carbon-to-carbon double bond **[2, 2006.01]**

51/08 • grafted on to macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds **[2, 2006.01]**

51/10 • grafted on to inorganic materials **[3, 2006.01]**

53/00 **Compositions of block copolymers containing at least one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2, 2006.01]**

53/02 • of vinyl aromatic monomers and conjugated dienes **[2, 2006.01]**

55/00 **Compositions of homopolymers or copolymers, obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided for in groups C08L 23/00-C08L 53/00 [2, 2006.01]**

55/02 • ABS [Acrylonitrile-Butadiene-Styrene] polymers **[2, 2006.01]**

55/04 • Polyadducts obtained by the diene synthesis **[2, 2006.01]**

57/00 **Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds [2, 2006.01]**

57/02 • Copolymers of mineral oil hydrocarbons **[2, 2006.01]**

57/04 • Copolymers in which only the monomer in minority is defined **[2, 2006.01]**

57/06 • Homopolymers or copolymers containing elements other than carbon and hydrogen **[2, 2006.01]**

57/08 • • containing halogen atoms **[2, 2006.01]**

57/10 • • containing oxygen atoms **[2, 2006.01]**

57/12 • • containing nitrogen atoms **[2, 2006.01]**

<u>Compositions of macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds [2]</u>

59/00 **Compositions of polyacetals; Compositions of derivatives of polyacetals** (of polyvinyl acetals C08L 29/14) **[2, 2006.01]**

59/02 • Polyacetals containing polyoxymethylene sequences only **[2, 2006.01]**

59/04 • Copolyoxymethylenes **[3, 2006.01]**

61/00 **Compositions of condensation polymers of aldehydes or ketones** (with polyalcohols C08L 59/00; with polynitriles C08L 77/00)**; Compositions of derivatives of such polymers [2, 2006.01]**

61/02 • Condensation polymers of aldehydes or ketones only **[2, 2006.01]**

61/04 • Condensation polymers of aldehydes or ketones with phenols only **[2, 2006.01]**

61/06 • • of aldehydes with phenols **[2, 2006.01]**

61/08 • • • with monohydric phenols **[2, 2006.01]**

61/10 • • • • Phenol-formaldehyde condensates **[2, 2006.01]**

61/12 • • • with polyhydric phenols **[2, 2006.01]**

61/14 • • • Modified phenol-aldehyde condensates **[2, 2006.01]**

61/16 • • of ketones with phenols **[2, 2006.01]**

61/18 • Condensation polymers of aldehydes or ketones with aromatic hydrocarbons or their halogen derivatives only **[2, 2006.01]**

61/20 • Condensation polymers of aldehydes or ketones with only compounds containing hydrogen attached to nitrogen (with amino phenols C08L 61/04) **[2, 2006.01]**

61/22 • • of aldehydes with acyclic or carbocyclic compounds **[2, 2006.01]**

61/24 • • • with urea or thiourea **[2, 2006.01]**

61/26 • • of aldehydes with heterocyclic compounds **[2, 2006.01]**

61/28 • • • with melamine **[2, 2006.01]**

61/30 • • of aldehydes with heterocyclic and acyclic or carbocyclic compounds **[2, 2006.01]**

61/32 • • Modified amine-aldehyde condensates **[2, 2006.01]**

61/34 • Condensation polymers of aldehydes or ketones with monomers covered by at least two of the groups C08L 61/04, C08L 61/18, and C08L 61/20 **[2, 2006.01]**

63/00 Compositions of epoxy resins; Compositions of derivatives of epoxy resins [2, 2006.01]

63/02 • Polyglycidyl ethers of bis-phenols **[2, 2006.01]**

63/04 • Epoxynovolacs **[2, 2006.01]**

63/06 • Triglycidylisocyanurates **[2, 2006.01]**

63/08 • Epoxidised polymerised polyenes **[2, 2006.01]**

63/10 • Epoxy resins modified by unsaturated compounds **[2, 2006.01]**

Note(s) [2]

In groups C08L 65/00-C08L 85/00, in the absence of an indication to the contrary, compositions of macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified only according to the linkage present in excess.

65/00 Compositions of macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain (C08L 7/00-C08L 57/00, C08L 61/00 take precedence)**; Compositions of derivatives of such polymers [2, 2006.01]**

65/02 • Polyphenylenes **[2, 2006.01]**

65/04 • Polyxylylenes **[2, 2006.01]**

67/00 Compositions of polyesters obtained by reactions forming a carboxylic ester link in the main chain (of polyester-amides C08L 77/12; of polyester-imides C08L 79/08)**; Compositions of derivatives of such polymers [2, 2006.01]**

67/02 • Polyesters derived from dicarboxylic acids and dihydroxy compounds (C08L 67/06 takes precedence) **[2, 2006.01]**

67/03 • • the dicarboxylic acids and dihydroxy compounds having the hydroxy and the carboxyl groups directly linked to aromatic rings **[5, 2006.01]**

67/04 • Polyesters derived from hydroxy carboxylic acids, e.g. lactones (C08L 67/06 takes precedence) **[2, 2006.01]**

67/06 • Unsaturated polyesters **[2, 2006.01]**

67/07 • • having terminal carbon-to-carbon unsaturated bonds **[5, 2006.01]**

67/08 • Polyesters modified with higher fatty oils or their acids, or with natural resins or resin acids **[2, 2006.01]**

69/00 Compositions of polycarbonates; Compositions of derivatives of polycarbonates [2, 2006.01]

71/00 Compositions of polyethers obtained by reactions forming an ether link in the main chain (of polyacetals C08L 59/00; of epoxy resins C08L 63/00; of polythioether-ethers C08L 81/02; of polyethersulfones C08L 81/06)**; Compositions of derivatives of such polymers [2, 2006.01]**

71/02 • Polyalkylene oxides **[2, 2006.01]**

71/03 • • Polyepihalohydrins **[5, 2006.01]**

71/08 • Polyethers derived from hydroxy compounds or from their metallic derivatives (C08L 71/02 takes precedence) **[5, 2006.01]**

71/10 • • from phenols **[5, 2006.01]**

71/12 • • • Polyphenylene oxides **[5, 2006.01]**

71/14 • • Furfuryl alcohol polymers **[5, 2006.01]**

73/00 Compositions of macromolecular compounds obtained by reactions forming a linkage containing oxygen or oxygen and carbon in the main chain, not provided for in groups C08L 59/00-C08L 71/00; Compositions of derivatives of such polymers [2, 2006.01]

73/02 • Polyanhydrides **[2, 2006.01]**

75/00 Compositions of polyureas or polyurethanes; Compositions of derivatives of such polymers [2, 2006.01]

75/02 • Polyureas **[2, 2006.01]**

75/04 • Polyurethanes **[2, 2006.01]**

75/06 • • from polyesters **[2, 2006.01]**

75/08 • • from polyethers **[2, 2006.01]**

75/10 • • from polyacetals **[2, 2006.01]**

75/12 • • from compounds containing nitrogen and active hydrogen, the nitrogen atom not being part of an isocyanate group **[2, 2006.01]**

75/14 • • Polyurethanes having carbon-to-carbon unsaturated bonds **[5, 2006.01]**

75/16 • • • having terminal carbon-to-carbon unsaturated bonds **[5, 2006.01]**

77/00 Compositions of polyamides obtained by reactions forming a carboxylic amide link in the main chain (of polyhydrazides C08L 79/06; of polyamide-imides or polyamide acids C08L 79/08)**; Compositions of derivatives of such polymers [2, 2006.01]**

77/02 • Polyamides derived from omega-amino carboxylic acids or from lactams thereof (C08L 77/10 takes precedence) **[2, 2006.01]**

77/04 • Polyamides derived from alpha-amino carboxylic acids (C08L 77/10 takes precedence) **[2, 2006.01]**

77/06 • Polyamides derived from polyamines and polycarboxylic acids (C08L 77/10 takes precedence) **[2, 2006.01]**

77/08 • • from polyamines and polymerised unsaturated fatty acids **[2, 2006.01]**

77/10 • Polyamides derived from aromatically bound amino and carboxyl groups of amino carboxylic acids or of polyamines and polycarboxylic acids **[2, 2006.01]**

77/12 • Polyester-amides **[2, 2006.01]**

79/00 Compositions of macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen with or without oxygen, or carbon only, not provided for in groups C08L 61/00-C08L 77/00 [2, 2006.01]

79/02 • Polyamines **[2, 2006.01]**

79/04 • Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors **[2, 2006.01]**

79/06 • • Polyhydrazides; Polytriazoles; Polyamino-triazoles; Polyoxadiazoles **[2, 2006.01]**

79/08 • • Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors **[2, 2006.01]**

81/00 Compositions of macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing sulfur with or without nitrogen, oxygen, or carbon only; Compositions of polysulfones; Compositions of derivatives of such polymers [2, 2006.01]

81/02 • Polythioethers; Polythioether-ethers **[2, 2006.01]**

81/04 • Polysulfides **[2, 2006.01]**

81/06 • Polysulfones; Polyethersulfones **[2, 2006.01]**

81/08 • Polysulfonates **[2, 2006.01]**

81/10 • Polysulfonamides; Polysulfonimides **[2, 2006.01]**

83/00 Compositions of macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing silicon with or without sulfur, nitrogen, oxygen, or carbon only; Compositions of derivatives of such polymers [2, 2006.01]

83/02 • Polysilicates **[2, 2006.01]**

83/04 • Polysiloxanes **[2, 2006.01]**

83/05 • • containing silicon bound to hydrogen **[4, 2006.01]**

83/06 • • containing silicon bound to oxygen-containing groups (C08L 83/12 takes precedence) **[2, 2006.01]**

83/07 • • containing silicon bound to unsaturated aliphatic groups **[4, 2006.01]**

83/08 • • containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and oxygen **[2, 2006.01]**

83/10 • Block- or graft-copolymers containing polysiloxane sequences (obtained by polymerising a compound having a carbon-to-carbon double bond on to a polysiloxane C08L 51/08, C08L 53/00) **[2, 2006.01]**

83/12 • • containing polyether sequences **[2, 2006.01]**

83/14 • in which at least two but not all the silicon atoms are connected by linkages other than oxygen atoms (C08L 83/10 takes precedence) **[2, 2006.01]**

83/16 • in which all the silicon atoms are connected by linkages other than oxygen atoms **[2, 2006.01]**

85/00 Compositions of macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon; Compositions of derivatives of such polymers [2, 2006.01]

85/02 • containing phosphorus **[2, 2006.01]**

85/04 • containing boron **[2, 2006.01]**

87/00 Compositions of unspecified macromolecular compounds, obtained otherwise than by polymerisation reactions only involving unsaturated carbon-to-carbon bonds [2, 2006.01]

Compositions of natural macromolecular compounds or of derivatives thereof [2]

89/00 Compositions of proteins; Compositions of derivatives thereof [2, 2006.01]

89/02 • Casein-aldehyde condensates **[2, 2006.01]**

89/04 • Products derived from waste materials, e.g. horn, hoof or hair **[2, 2006.01]**

89/06 • • derived from leather or skin **[2, 2006.01]**

91/00 Compositions of oils, fats or waxes; Compositions of derivatives thereof [2, 2006.01]

91/02 • Vulcanised oils, e.g. factice **[2, 2006.01]**

91/04 • Linoxyn **[2, 2006.01]**

91/06 • Waxes **[2, 2006.01]**

91/08 • • Mineral waxes **[2, 2006.01]**

93/00 Compositions of natural resins; Compositions of derivatives thereof (of polysaccharides C08L 1/00-C08L 5/00; of natural rubber C08L 7/00) **[2, 2006.01]**

93/02 • Shellac **[2, 2006.01]**

93/04 • Rosin **[2, 2006.01]**

95/00 Compositions of bituminous materials, e.g. asphalt, tar or pitch [2, 2006.01]

97/00 Compositions of lignin-containing materials (of polysaccharides C08L 1/00-C08L 5/00) **[2, 2006.01]**

97/02 • Lignocellulosic material, e.g. wood, straw or bagasse **[2, 2006.01]**

99/00 Compositions of natural macromolecular compounds or of derivatives thereof not provided for in groups C08L 1/00-C08L 7/00 or C08L 89/00-C08L 97/00 [2, 2006.01]

101/00 Compositions of unspecified macromolecular compounds [2, 2006.01]

101/02 • characterised by the presence of specified groups **[2, 2006.01]**

101/04 • • containing halogen atoms **[2, 2006.01]**

101/06 • • containing oxygen atoms **[2, 2006.01]**

101/08 • • • Carboxyl groups **[2, 2006.01]**

101/10 • • containing hydrolysable silane groups **[4, 2006.01]**

101/12 • characterised by physical features, e.g. anisotropy, viscosity or electrical conductivity **[6, 2006.01]**

101/14 • • the macromolecular compounds being water soluble or water swellable, e.g. aqueous gels **[6, 2006.01]**

101/16 • the macromolecular compounds being biodegradable **[7, 2006.01]**