# SECTION C — CHEMISTRY; METALLURGY

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

#### <u>Note(s)</u>

- 1. This class does not cover the following macromolecular compounds per se:
  - peptides, e.g. proteins, which are covered by subclass C07K;
  - compounds containing two or more mononucleotide units having separate phosphate or polyphosphate groups linked by saccharide radicals of nucleoside groups, e.g. nucleic acids, which are covered by group C07H 21/00;
  - DNA or RNA concerning genetic engineering, vectors, e.g. plasmids, or their isolation, preparation or purification, which are covered by group C12N 15/00.
- 2. Biocidal, pest repellant, pest attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01P.
- C08B POLYSACCHARIDES; DERIVATIVES THEREOF (polysaccharides containing less than six saccharide radicals attached to each other by glycosidic linkages C07H; fermentation or enzyme-using processes C12P 19/00; sugar industry C13; production of cellulose D21) [4]

#### Note(s)

Therapeutic activity of compounds is further classified in subclass A61P.

#### Subclass index

CELLULOSE AND DERIVATIVES THEREOF	
Preparatory treatment of cellulose	. 1/00
Esters	.3/00, 5/00, 7/00, 13/00, 17/00
Ethers	.11/00, 13/00, 17/00
Xanthates	.9/00
Other derivatives	.15/00
Regeneration of cellulose	.16/00
STARCH; DEGRADED OR NON-CHEMICALLY MODIFIED STARCH; AMYLOSE; AMYLOPECTIN	
CHEMICAL DERIVATIVES OF STARCH, OF AMYLOSE OR OF AMYLOPECTIN	
of starch	.31/00
of amylose	.33/00
of amylopectin	.35/00
OTHER POLYSACCHARIDES	.37/00

#### **Preparation**

1 /00			atoms
1/00	Preparatory treatment of cellulose for making	3/10	<ul> <li>with five or more carbon atoms</li> </ul>
	derivatives thereof	3/12	<ul> <li>of polybasic organic acids</li> </ul>
1/02	<ul> <li>Rendering cellulose suitable for esterification</li> </ul>	3/14	• in which the organic acid residue contains
1/04	• • for the preparation of cellulose nitrate	5/11	substituents, e.g. NH <sub>2</sub> , Cl
1/06	<ul> <li>Rendering cellulose suitable for etherification</li> </ul>	3/16	<ul> <li>Preparation of mixed organic cellulose esters</li> </ul>
1/08	Alkali cellulose	3/18	Aceto-butyrates
1/10	<ul> <li>Apparatus for the preparation of alkali cellulose</li> </ul>	3/20	Esterification with maintenance of the fibrous
1/12	• • • Steeping devices		structure of the cellulose (surface esterification of
1/14	• • • Ripening devices		textiles D06M 13/00)
		3/22	Post-esterification treatments, including purification
3/00	Preparation of cellulose esters of organic acids	3/24	<ul> <li>Hydrolysis or ripening</li> </ul>
3/02	<ul> <li>Catalysts used for the esterification</li> </ul>	3/26	• • Isolation of the cellulose ester
3/04	Cellulose formate	3/28	<ul> <li>• • by precipitation</li> </ul>
3/06	Cellulose acetate	3/30	<ul> <li>Stabilisation (by addition of stabilisers C08K)</li> </ul>
		5/50	• • Stabilisation (by aduition of stabilisers Cook)

3/08

atom

• of monobasic organic acids with three or more carbon

# C08B

5/00	Preparation of cellulose esters of inorganic acids
5/02	Cellulose nitrate
5/04	Post-esterification treatments, including purification
5/06	• • Isolation of the cellulose nitrate
5/08	• • • Stabilisation (by addition of stabilisers C08K)
5/10	• • • Reducing the viscosity
5/12	• • • Replacing the water by organic liquids
5/14	Cellulose sulfate
7/00	Preparation of cellulose esters of both organic and inorganic acids
9/00	Preparation of cellulose xanthate or viscose
9/02	Sulfidisers; Dissolvers
9/04	Continuous processes
9/06	Single-stage processes
11/00	Preparation of cellulose ethers
11/02	Alkyl or cycloalkyl ethers
11/04	• • with substituted hydrocarbon radicals
11/06 11/08	<ul> <li>• with halogen-substituted hydrocarbon radicals</li> <li>• with hydroxylated hydrocarbon radicals; Esters,</li> </ul>
11/00	ethers, or acetals thereof
11/10	<ul> <li>• • substituted with acid radicals</li> </ul>
11/12	• • • • substituted with carboxylic radicals
11/14	• • • with nitrogen-containing groups
11/145	• • • • with basic nitrogen, e.g. aminoalkyl
	ethers [2]
11/15	• • • • with carbamoyl groups [2]
11/155	• • • • with cyano groups, e.g. cyanoalkyl ethers [2]
11/16	Aryl or aralkyl ethers
11/18	with substituted hydrocarbon radicals
11/187	<ul> <li>with olefinic unsaturated groups [2]</li> </ul>
11/193	• Mixed ethers, i.e. ethers with two or more different etherifying groups [2]
11/20	Post-etherification treatments, including purification
11/22	• • Isolation
13/00	Droparation of collulose other actors
13/00	<ul><li><b>Preparation of cellulose ether-esters</b></li><li>Cellulose ether xanthates</li></ul>
10/02	Genulose culei xunulules
15/00	Preparation of other cellulose derivatives or modified cellulose
15/02	Oxycellulose; Hydrocellulose; Cellulose hydrate
15/04	Carboxycellulose, e.g. prepared by oxidation with nitrogen dioxide
15/05	<ul> <li>Derivatives containing elements other than carbon, hydrogen, oxygen, halogen, or sulfur (esters of phosphorus acids C08B 5/00) [2]</li> </ul>
15/06	• • containing nitrogen [2]
15/08	• Fractionation of cellulose, e.g. separation of cellulose
15/10	crystallites <b>[2]</b>
15/10 <b>16/00</b>	Crosslinking of cellulose [2] Regeneration of cellulose [2]
10/00	reservation of centrose [2]
17/00	Apparatus for esterification or etherification of cellulose
17/02	<ul> <li>for making organic esters of cellulose</li> </ul>
17/04	for making cellulose nitrate
17/06	for making cellulose ethers

30/00	Preparation of starch, degraded or non-chemically modified starch, amylose, or amylopectin [4]
30/02	• Preparatory treatment, e.g. crushing of raw materials (machines for preliminary washing A23N) [4]
30/04	<ul> <li>Extraction or purification [4]</li> </ul>
30/06	Drying; Forming [4]
30/08	<ul> <li>Concentration of starch suspensions [4]</li> </ul>
30/10	<ul> <li>Working-up residues from the starch extraction,</li> </ul>
50,10	including pressing water from the starch-extracted material <b>[4]</b>
30/12	<ul> <li>Degraded or non-chemically modified starch; Bleaching of starch (preparation of chemical derivatives of starch C08B 31/00) [4]</li> </ul>
30/14	• • Cold water dispersible or pregelatinised starch [4]
30/16	Apparatus therefor [4]
30/18	• • Dextrin [4]
30/20	<ul> <li>Amylose or amylopectin (chemical derivatives thereof C08B 33/00, C08B 35/00) [4]</li> </ul>
31/00	Preparation of chemical derivatives of starch
	(chemical derivatives of amylose C08B 33/00; chemical
	derivatives of amylopectin C08B 35/00) [2]
31/02	• Esters [2]
31/04	• • of organic acids [2]
31/06	• of inorganic acids [2]
31/08	• Ethers [2]
31/10	• • Alkyl or cycloalkyl ethers [2]
31/12	<ul> <li>having alkyl or cycloalkyl radicals substituted by hetero atoms [2]</li> </ul>
31/14	• • Aryl or aralkyl ethers [2]
31/16	Ether-esters [2]
31/18	Oxidised starch [2]
33/00	Preparation of chemical derivatives of amylose [2]
33/02	• Esters [2]
33/04	• Ethers <b>[2]</b>
33/06	Ether-esters [2]
33/08	Oxidised amylose [2]
35/00	Preparation of chemical derivatives of amylopectin [2]
35/02	• Esters [2]
35/04	• Ethers [2]
35/06	• Ether-esters [2]
35/08	Oxidised amylopectin [2]
37/00	<b>Preparation of polysaccharides not provided for in</b> <b>groups C08B 1/00-C08B 35/00; Derivatives thereof</b> (cellulose D21) <b>[4]</b>
37/02	Dextran; Derivatives thereof [2]
37/04	<ul> <li>Alginic acid; Derivatives thereof (foodstuff preparations A23L 1/05) [2]</li> </ul>
37/06	Pectin; Derivatives thereof [2]
37/08	<ul> <li>Chitin; Chondroitin sulfate; Hyaluronic acid; Derivatives thereof [2]</li> </ul>
37/10	• Heparin; Derivatives thereof [2]
37/12	Agar-agar; Derivatives thereof [2]
37/14	• Hemicellulose; Derivatives thereof [2]
37/16	Cyclodextrin; Derivatives thereof [2]
37/18	<ul> <li>Reserve carbohydrates, e.g. glycogen, inulin, laminarin; Derivatives thereof [4]</li> </ul>

#### Note(s)

This subclass covers:

- processes directed to natural rubber or to conjugated diene rubbers (synthesis thereof C08F);
- processes directed to rubbers in general (to a specific rubber, other than provided for above, C08F-C08H).

#### **Preparation**

#### In groups C08C 19/02-C08C 19/30 in the absence of an 1/00 **Treatment of rubber latex** indication to the contrary, a process is classified in the 1/02Chemical or physical treatment of rubber latex before last appropriate place. or during concentration 19/02• Hydrogenation [2] 1/04• • Purifying; Deproteinising 19/04 • Oxidation [2] 1/06 Preservation of rubber latex (preserving 19/06 • • Epoxidation [2] ingredients C08K) 19/08 • Depolymerisation [2] 1/065 • • Increasing the size of dispersed rubber 19/10• Isomerisation; Cyclisation [2] particles [2] 19/12 • Incorporating halogen atoms into the molecule [2] characterised by the agglomerating agents 1/07. . 19/14by reaction with halogens [2] used [2] 19/16 by reaction with hydrogen halides [2] 1/075 • • Concentrating [2] 19/18• • by reaction with hydrocarbons substituted by 1/08• • • with the aid of creaming agents [2] halogen [2] 1/10• • • by centrifugation [2] 19/20 • Incorporating sulfur atoms into the molecule [2] • • • by evaporation [2] 1/1219/22Incorporating nitrogen atoms into the molecule [2] 1/14 Coagulation 19/24Incorporating phosphorus atoms into the molecule [2] 1/15• • characterised by the coagulants used [2] 19/25Incorporating silicon atoms into the molecule [5] • • in floc form 1/1619/26Incorporating metal atoms into the molecule [2] ٠ 2/00Treatment of rubber solutions [2] 19/28 • Reaction with compounds containing carbon-tocarbon unsaturated bonds (graft polymers C08F) [2] 2/02 • Purification [2] 19/30 Addition of a reagent which reacts with a hetero atom 2/04• • Removal of catalyst residues [2] or a group containing hetero atoms of the 2/06 • Winning of rubber from solutions [2] macromolecule [2] 3/00 Treatment of coagulated rubber 19/32 reacting with halogens or halogen-containing 3/02 • Purification [2] groups [2] 19/34reacting with oxygen or oxygen-containing Treatment of rubber before vulcanisation, not 4/00groups [2] provided for in groups C08C 1/00-C08C 3/02 [2] 19/36with carboxy radicals [2] 19/38with hydroxy radicals [2] 19/00 Chemical modification of rubber (crosslinking agents, 19/40 with epoxy radicals [2] other than provided for by group C08C 19/30, 19/42reacting with metals or metal-containing C08K) [2] groups [2] 19/44of polymers containing metal atoms exclusively at one or both ends of the skeleton [2]

Note(s)

C08F MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS (production of liquid hydrocarbon mixtures from lower carbon number hydrocarbons, e.g. by oligomerisation, C10G 50/00; fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture C12P; graft polymerisation of monomers containing carbon-to-carbon unsaturated bonds on to fibres, threads, yarns, fabrics or fibrous goods made from such materials D06M 14/00) [2]

#### Note(s)

2.

- 1. In this subclass, boron or silicon are considered as metals.
  - In this subclass, the following expression is used with the meaning indicated:
  - "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.

Examples: Polymers of

a. CH<sub>2</sub>=CH—O—CH<sub>2</sub>-CH<sub>2</sub>—NH—COO—CH<sub>2</sub>-CH<sub>2</sub>—OH are classified in group C08F 16/28;

 $CH_2=CH-C-CH=CH_2$ 

# are classified in group C08F 16/36;

- c.  $CH_2=CH-\langle D CI \rangle$  are classified in group C08F 12/18.
- 3. Therapeutic activity of compounds is further classified in subclass A61P.
- 4. In this subclass, in the absence of an indication to the contrary, a catalyst or a polymer is classified in the last appropriate place.
- 5. In this subclass:

b.

- a. macromolecular compounds and their preparation are classified in the groups for the type of compound prepared. General processes for the preparation of macromolecular compounds according to more than one main group are classified in the groups for the processes employed (C08F 2/00-C08F 8/00). Processes for the preparation of macromolecular compounds are also classified in the groups for the types of reactions employed, if of interest;
- b. subject matter relating to both homopolymers and copolymers is classified in groups C08F 10/00-C08F 38/00;
- c. subject matter limited to homopolymers is classified only in groups C08F 110/00-C08F 138/00;
- d. subject matter limited to copolymers is classified only in groups C08F 210/00-C08F 246/00;
- e. in groups C08F 210/00-C08F 238/00, in the absence of an indication to the contrary, a copolymer is classified according to the major monomeric component.
- 6. This subclass <u>covers</u> also compositions based on monomers which form macromolecular compounds classifiable in this subclass (paints C09D 4/00; adhesives C09J 4/00).

In this subclass:

- a. if the monomers are defined, classification is made according to the polymer to be formed:
  - in groups C08F 10/00-C08F 246/00 if no preformed polymer is present;
    - in groups C08F 251/00-C08F 291/00 if a preformed polymer is present, considering the reaction to take place as a graft or cross-linking reaction;
- b. if the presence of compounding ingredients is of interest, classification is made in group C08F 2/44 (sensitising agents C08F 2/50; catalysts C08F 4/00);
- c. if the compounding ingredients are of interest per se, classification is also made in subclass C08K.

#### Subclass index

Processes of polymerisation; Catalysts	2/00, 4/00
Post-polymerisation treatments; Chemical modification	6/00, 8/00
Homopolymers and copolymers of compounds having one or more unsaturated aliphatic radicals, each	
having only one carbon-to-carbon double bond	10/00-30/00
Homopolymers	110/00-130/00
Copolymers	
Homopolymers and copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side	
chain and having one or more carbon-to-carbon double bonds in a ring	32/00, 34/00
Homopolymers	132/00, 134/00
Copolymers	
Homopolymers and copolymers of compounds having one or more unsaturated aliphatic radicals, at least	
one having two or more carbon-to-carbon double bonds	36/00
Homopolymers	136/00
Copolymers	
Homopolymers and copolymers of compounds having one or more carbon-to-carbon triple bonds	38/00
Homopolymers	138/00
Copolymers	238/00
Copolymers of hydrocarbons and mineral oils	240/00
Copolymers of drying oils with other monomers	
Coumarone-indene copolymers	
Copolymers in which the nature of only the monomers in minority is defined	246/00
Graft polymers; Polymers cross-linked with unsaturated monomers	
Block polymers	293/00-297/00
Macromolecular compounds obtained by interreacting polymers involving only carbon-to-carbon	
unsaturated bond reactions, in the absence of non-macromolecular monomers	299/00
Subject matter not provided for in other groups of this subclass	

#### Processes; Catalysts

Processe	<u>s; Calalysis</u>	2/10 • • Aqueous solvent [2]
2/00	Processes of polymerisation [2]	<ul> <li>Polymerisation in non-solvents (C08F 2/32 takes precedence) [2]</li> </ul>
2/01	<ul> <li>characterised by special features of the</li> </ul>	2/14 • Organic medium [2]
	polymerisation apparatus used [7]	2/16 • • Aqueous medium [2]
2/02	<ul> <li>Polymerisation in bulk [2]</li> </ul>	2/18 • • • Suspension polymerisation [2]
2/04	<ul> <li>Polymerisation in solution (C08F 2/32 takes precedence) [2]</li> </ul>	2/20 • • • • with the aid of macromolecular dispersing agents <b>[2]</b>
2/06	Organic solvent [2]	2/22 • • • Emulsion polymerisation [2]
2/08	• • • with the aid of dispersing agents for the polymer <b>[2]</b>	2/24 • • • • with the aid of emulsifying agents <b>[2]</b>
	porymer [2]	2/26 • • • • anionic <b>[2]</b>

2/10

• • A queous solvent [2]

2/28	••••• cationic <b>[2]</b>											
2/30	• • • • • non-ionic <b>[2]</b>											
2/32	Polymerisation in water-in-oil emulsions [2]											
2/34	Polymerisation in gaseous state [2]											
2/36	Polymerisation in solid state [2]											
2/38	<ul> <li>Polymerisation using regulators, e.g. chain terminating agents [2]</li> </ul>											
2/40	<ul> <li>• using retarding agents [2]</li> </ul>											
2/42	<ul> <li>using short-stopping agents [2]</li> </ul>											
2/44	<ul> <li>Polymerisation in the presence of compounding</li> </ul>											
	ingredients, e.g. plasticisers, dyestuffs, fillers [2]											
2/46	<ul> <li>Polymerisation initiated by wave energy or particle</li> </ul>											
	radiation [2]											
2/48	• • by ultra-violet or visible light [2]											
2/50	• • • with sensitising agents [2]											
2/52 2/54	<ul> <li>by electric discharge, e.g. voltolisation [2]</li> <li>by X-rays or electrons [2]</li> </ul>											
2/54	<ul> <li>by ultrasonic vibrations [2]</li> </ul>											
2/58	<ul> <li>Polymerisation initiated by direct application of</li> </ul>											
2/00	electric current (electrolytic processes, e.g.											
a ( 6 6	electrophoresis, C25) [2]											
2/60	• Polymerisation by the diene synthesis <b>[2]</b>											
4/00	Polymerisation catalysts [2]											
4/02	Carriers therefor [2]											
	Note(s)											
	When classifying in groups C08F 4/04-C08F 4/42,											
	classification may also be made in group C08F 4/02, if											
	a carrier is of particular interest.											
4/04	Azo-compounds [2]											
4/06	Metallic compounds other than hydrides and other											
	than metallo-organic compounds; Boron halide or aluminium halide complexes with organic											
	compounds containing oxygen [2]											
4/08	<ul> <li>of alkali metals [2]</li> </ul>											
4/10	• • of alkaline earth metals, zinc, cadmium, mercury,											
	copper, or silver <b>[2]</b>											
4/12	• • of boron, aluminium, gallium, indium, thallium, or											
4/14	<ul> <li>rare earths [2]</li> <li>Boron halides or aluminium halides;</li> </ul>											
4/14	Complexes thereof with organic compounds											
	containing oxygen [2]											
4/16	• • of silicon, germanium, tin, lead, titanium,											
	zirconium or hafnium [2]											
4/18	• • • Oxides <b>[2]</b>											
4/20	• • of antimony, bismuth, vanadium, niobium, or											
4/22	<ul><li>tantalum [2]</li><li>of chromium, molybdenum, or tungsten [2]</li></ul>											
4/24	<ul> <li>• • Oxides [2]</li> </ul>											
4/26	<ul> <li>of manganese, iron group metals, or platinum</li> </ul>											
	group metals [2]											
4/28	Oxygen or compounds releasing free oxygen (redox											
4/80	systems C08F 4/40) [2]											
4/30	Inorganic compounds [2]											
4/32	Organic compounds [2]     Par compounds with one perovy radical [2]											
4/34 4/36	<ul> <li>Per-compounds with one peroxy-radical [2]</li> <li>Per-compounds with more than one peroxy-</li> </ul>											
-7 JU	radical [2]											
4/38	• • • Mixtures of peroxy-compounds [2]											
4/40	• Redox systems [2]											
4/42	• Metals; Metal hydrides; Metallo-organic compounds;											
	Use thereof as catalyst precursors <b>[2]</b>											
4/44	• • selected from light metals, zinc, cadmium,											
	mercury, copper, silver, gold, boron, gallium,											

mercury, copper, silver, gold, boron, gallium, indium, thallium, rare earths, or actinides **[2]** 

<ul> <li>4/46 · · · selected from alkali metals [2]</li> <li>4/48 · · · · selected from alkalimetals [2]</li> <li>4/50 · · · selected from alkalime earth metals, zinc, cadmium, mercury, copper, or silver [2]</li> <li>4/52 · · · selected from on, aluminium, gallium, indium, thallium, or rare earths (C08F 4/14 takes precedence) [2]</li> <li>4/54 · · · together with other compounds thereof [2]</li> <li>4/56 · · · · Alkali metals being the only metals present, e.g. Alfin catalysts [2]</li> <li>4/58 · · · together with refractory metals, iron group metals, platinum group metals, imanganese, technetium, rhenium, or compounds thereof [2]</li> <li>4/60 · · · together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(5)</li> <li>In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated:         <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/63, C08F 4/64), C08F 4/63, C08F 4/64), co8F 4/60</li> <li>4/602 · · · Component covered by group C08F 4/60 with a metal or compound C08F 4/60 with a metal or compound covered by group C08F 4/60 with a metal or compound covered by group C08F 4/60 with a metal or compound covered by group C08F 4/60 group C08F 4/60 [5]</li> <li>4/606 · · · C Catalysts containing a least two different metals, in metallic form or as compounds thereof, in addition to the compound covered by group C08F 4/60 [5]</li> <li>4/608 · · · iorganic [5]</li> <li>4/607 · · · Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 · · · iorganic [5]</li> <li>4/611 · · · Pretreating the metals or metal-free compound [5]</li> <li>4/612 · · · · Pretreating with metals or metal-free compounds [5]</li> <li>4/614 · · · · with aluminium or compounds thereof [5]</li> <li>4/616 · · · · · with aluminium or compounds thereof [5]</li> <li>4/616 · · · · · with aluminium or compounds thereof [5]</li> <l< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></l<></ul></li></ul>							
<ul> <li>francium [2]</li> <li>4/50</li> <li>Selected from alkaline earth metals, zinc, cadmium, mercury, copper, or silver [2]</li> <li>4/52</li> <li>selected from boron, aluminium, gallium, indium, thallium, or rare earths (C08F 4/14 takes precedence) [2]</li> <li>4/54</li> <li>stopper earths (C08F 4/14 takes precedence) [2]</li> <li>4/54</li> <li>together with other compounds thereof [2]</li> <li>4/56</li> <li>together with silicon, germanium, tin, lead, antimony, bismuth, or compounds thereof [2]</li> <li>4/60</li> <li>together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2]</li> <li>4/60</li> <li>together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(s)</li> <li>In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated:     <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65).</li> </ul> </li> <li>4/602</li> <li>Component covered by group C08F 4/60 with a metal or compound C08F 4/400 with a metal or compound [5]</li> <li>4/603</li> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/403 [5]</li> <li>4/605</li> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/60 [5]</li> <li>4/606</li> <li>Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the compount covered by group C08F 4/60 [5]</li> <li>4/608</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608</li> <li>Catalysts containing a specific non-metal or metal-free compounds [5]</li> <li>4/614</li> <li>Pretreating the metal or compound covered by group C08F 4/61 before the final contacting with the metal or compounds covered by group C08F 4/61 [5]</li> <li>4/611</li> <li>Pretreating with non-metals or metal-c</li></ul>	4/46	•	•	•	se	ected from alkali metals [2]	
<ul> <li>cadmium, mercury, copper, or silver [2]</li> <li>4/52</li> <li>• selected from boron, aluminium, gallium, indium, thallium, or rare earths (C08F 4/14 takes precedence) [2]</li> <li>4/54</li> <li>• together with other compounds thereof [2]</li> <li>4/58</li> <li>• together with other compounds thereof [2]</li> <li>4/58</li> <li>• together with silicon, germanium, in, lead, antimony, bismuth, or compounds thereof [2]</li> <li>4/60</li> <li>• together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(s)</li> <li>In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65).</li> </ul> </li> <li>4/602</li> <li>• Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> <li>4/603</li> <li>• Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/40 ther than an organo-aluminium compound [5]</li> <li>4/606</li> <li>• Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/60 [5]</li> <li>4/606</li> <li>• Catalysts containing a least two different metals, in metallic form or as compound sthereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607</li> <li>• Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608</li> <li>• inorganic [5]</li> <li>4/611</li> <li>• Pretreating the metal or compound covered by group C08F 4/60 [5]</li> <li>4/611</li> <li>• Pretreating with non-metals or metal-containing compounds [5]</li> <li>4/611</li> <li>• With matals or metal-containing compounds [5]</li> <li>4/612</li> <li>• With matals or metal-containing compounds [5]</li> <li>4/614</li> <li>• with malusion or compounds thereof [5]</li> <li>4/616</li> <li>• with matals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/</li></ul>	4/48	•	•	•	•		or
indium, thallium, or rare earths (Č08F 4/14 takes precedence) [2] 4/56 • • • Alkali metals being the only metals present, e.g. Alfin catalysts [2] 4/58 • • • together with silcon, gernanium, tin, lead, antimony, bismuth, or compounds thereof [2] 4/60 • • • together with refractory metals, iron group metals, platnum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5] Note(S) In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: • "component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65). 4/602 • • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5] 4/603 • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5] 4/605 • • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5] 4/606 • • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5] 4/607 • • • • Catalysts containing a specific non-metal or metal-free compound [5] 4/608 • • • • iorganic [5] 4/608 • • • • organic [5] 4/610 • • • • Pretreating the metal or compound covered by group C08F 4/44 [5] 4/611 • • • • Pretreating with mon-metals or metal-free compounds [5] 4/611 • • • • Pretreating with metals or metal-free compounds [5] 4/612 • • • • with magnesium or compounds covered by group C08F 4/44 [5] 4/613 • • • • with metals cortanining compounds [5] 4/614 • • • • • with metals or metal-free formounds, thereof [5] 4/615 • • • • with metals or metal-containing compounds, [6] 4/618 • • • • • with metals or metal-containing compounds, thereof [5] 4/618 • • • • • with metals cortanining compounds, not provided for in at least two of the groups C08F 4/613	4/50	•	•	•			
<ul> <li>4/54 · · · together with other compounds thereof [2]</li> <li>4/56 · · · Alkali metals being the only metals present, e.g. Alfin catalysts [2]</li> <li>4/58 · · together with silicon, germanium, tin, lead, antimony, bismuth, or compounds thereof [2]</li> <li>4/60 · · · together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(S) In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65).</li> <li>4/602 · · · Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> <li>4/603 · · · Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/40 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]</li> <li>4/605 · · · Catalysts comprising at least two different metals, in metallic form or as compound covered by group C08F 4/60 ar covered by group C08F 4/60 [5]</li> <li>4/607 · · · Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 · · · · inorganic [5]</li> <li>4/607 · · · Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/616 · · · · organic [5]</li> <li>4/61 · · · · Pretreating with metal or compound covered by group C08F 4/60 [5]</li> <li>4/61 · · · · Pretreating with metals or metal-free compound [5]</li> <li>4/611 · · · Pretreating with metals or metal-free compounds [5]</li> <li>4/612 · · · with metals corend by group C08F 4/60 [5]</li> <li>4/613 · · · with metals corend by group C08F 4/61 [5]</li> <li>4/614 · · · · with metals corend by group C08F 4/61 [5]</li> <li>4/615 · · · with metals corend by group C08F 4/61 [5]</li> <li>4/616 · · · · with metals corend on thereof [5]</li> <li>4/617 · · · · with metals corend on thereof [5]</li> <li>4/618 · · · · · with metals corend in a least two o</li></ul></li></ul>	4/52	•	•	•	in	dium, thallium, or rare earths (C08F 4/14	
<ul> <li>4/56 • • • • Alkali metals being the only metals present, e.g. Alfin catalysts [2]</li> <li>4/58 • • • together with silicon, gernanium, tin, lead, antimony, bismuth, or compounds thereof [2]</li> <li>4/60 • • • together with refractory metals, iron group metals, platnum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(5) In groups CO8F 4/602-CO8F 4/62, the following term is used with the meaning indicated: <ul> <li>• "component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment CO8F 4/61, CO8F 4/63, CO8F 4/65).</li> <li>4/602 • • • • Component covered by group CO8F 4/60 with an organo-aluminium compound [5]</li> <li>4/603 • • • • Component covered by group CO8F 4/60 with an organo-aluminium compound [5]</li> <li>4/605 • • • • Component covered by group CO8F 4/60 with a metal or compound covered by group CO8F 4/60 is a single group of groups CO8F 4/60 or compound covered by group CO8F 4/60 [5] </li> <li>4/606 • • • • • Component covered by group CO8F 4/60 with a metal or ornopound covered by group CO8F 4/603 [5]</li> <li>4/606 • • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group CO8F 4/60 [5]</li> <li>4/607 • • • • organic [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/611 • • • • Pretreating the metal or compound covered by group CO8F 4/60 before the final contacting with the metal or compound covered by group CO8F 4/60 before the final contacting with the tals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group CO8F 4/61 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group CO8F 4/61 • • • • • with metals covered by group CO8F 4/61 = • • • • • • • • • • • • • • • • • •</li></ul></li></ul>	1/51					•	
<ul> <li>e.g. Alfin catalysts [2]</li> <li>4/58 • • • together with silicon, gernanium, tin, lead, antimony, bismuth, or compounds thereof [2]</li> <li>4/60 • • • together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(s) In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65).</li> <li>4/602 • • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> <li>4/603 • • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> <li>4/605 • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/60 sith a metal or compound covered by group C08F 4/60 [5] </li> <li>4/606 • • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]</li> <li>4/606 • • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/611 • • • • Pretreating the metal or compound covered by group C08F 4/60 with metals or metal-free compound [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/611 • • • • Pretreating with metals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 (5]</li> <li>4/614 • • • • with metals covered by group C08F 4/60 (5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 (5]</li> <li>4/614 • • • • • with metals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 (5]</li> <li>4/614 • • • • • with metals covered by group C08F 4/60 (5] 4/613 • • • • with metals covered by group C08F 4/60 (5] 4/614 • • • •</li></ul></li></ul>					•		nt
antimony, bismuth, or compounds thereof [2] 4/60 · · · together with refractory metals, iron group metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5] Note(s) In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated:		•	•	•		e.g. Alfin catalysts [2]	,
<ul> <li>metals, platinum group metals, manganese, technetium, rhenium, or compounds thereof [2, 5]</li> <li>Note(s)</li> <li>In groups CO8F 4/602-CO8F 4/62, the following term is used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment CO8F 4/61, CO8F 4/63, CO8F 4/65).</li> </ul> </li> <li>4/602</li> <li>Component covered by group CO8F 4/60 with an organo-aluminium compound [5]</li> <li>4/603</li> <li>Component covered by group CO8F 4/60 with an organo-aluminium compound [5]</li> <li>4/605</li> <li>Component covered by group CO8F 4/60 with a metal or compound covered by group CO8F 4/40 with a metal or compound covered by group CO8F 4/44 other than an organo-aluminium compound [5]</li> <li>4/606</li> <li>Component covered by group CO8F 4/60 with a metal or compound covered by group CO8F 4/403 [5]</li> <li>4/606</li> <li>Cotallysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group CO8F 4/603 [5]</li> <li>4/607</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608</li> <li>Componic [5]</li> <li>4/609</li> <li>Pretreating the metal or compound covered by group CO8F 4/60 before the final contacting with the metal or compound covered by group CO8F 4/60 before the final contacting with metals or metal-free compounds [5]</li> <li>4/611</li> <li>Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612</li> <li>Pretreating with netals or metal-free (5]</li> <li>4/613</li> <li>Pretreating with netals or metal-free (5]</li> <li>4/614</li> <li>With adminium or compounds thereof [5]</li> <li>4/615</li> <li>With metals covered by group CO8F 4/616 [5]</li> <li>4/616</li> <li>With metals or metal-containing compounds, not provided for in groups CO8F 4/613-CO8F 4/613</li></ul>	4/58	•	•	•	an	timony, bismuth, or compounds thereof [2]	]
In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated: "component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment C08F 4/61, C08F 4/63, C08F 4/65).           4/602         • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]           4/603         • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]           4/605         • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]           4/605         • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5]           4/606         • • • • Catalysts containing a teast two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]           4/607         • • • • organic [5]           4/608         • • • • organic [5]           4/609         • • • • organic [5]           4/611         • • • • organic [5]           4/611         • • • • organic [5]           4/611         • • • • Pretreating with metal or compound covered by group C08F 4/44 [5]           4/611         • • • • Pretreating with metals or metal- contacting with hemetal or compounds covered by group C08F 4/64 [5]           4/611         • • • • • with magnesium or compounds thereof [5]           4/612         • • • • with metals or metal- con	4/60	•	•	•	m te	etals, platinum group metals, manganese, chnetium, rhenium, or compounds	
<ul> <li>used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment Co8F 4/61, C08F 4/63, C08F 4/65).</li> </ul> </li> <li>4/602  <ul> <li>Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> </ul> </li> <li>4/603  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/40 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]</li> </ul> </li> <li>4/605  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]</li> </ul> </li> <li>4/605  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]</li> </ul> </li> <li>4/606  <ul> <li>Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Pretreating with metals or metal-containing compounds [5]</li> </ul> </li> <li>4/611  <ul> <li>Pretreating with non-metals or metal-free compounds [5]</li> </ul> </li> <li>4/613  <ul> <li>Pretreating with metals or compound covered by group C08F 4/60 or compounds thereof [5]</li> </ul> </li> <li>4/613  <ul> <li>Pretreating with metals or metal-containing compounds thereof [5]</li> </ul> </li> <li>4/614  <ul> <li>With metals or metal-containing compounds thereof [5]</li> </ul> </li> <li>4/616  <ul> <li>With metals or metal-containing compounds, not provided for in a l</li></ul></li></ul>		N	ote	e(s)			
<ul> <li>used with the meaning indicated: <ul> <li>"component" comprises a transition metal or a compound thereof, pretreated or not (pretreatment Co8F 4/61, C08F 4/63, C08F 4/65).</li> </ul> </li> <li>4/602  <ul> <li>Component covered by group C08F 4/60 with an organo-aluminium compound [5]</li> </ul> </li> <li>4/603  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/40 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]</li> </ul> </li> <li>4/605  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]</li> </ul> </li> <li>4/605  <ul> <li>Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]</li> </ul> </li> <li>4/606  <ul> <li>Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Companic [5]</li> </ul> </li> <li>4/607  <ul> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> </ul> </li> <li>4/608  <ul> <li>Pretreating with metals or metal-containing compounds [5]</li> </ul> </li> <li>4/611  <ul> <li>Pretreating with non-metals or metal-free compounds [5]</li> </ul> </li> <li>4/613  <ul> <li>Pretreating with metals or compound covered by group C08F 4/60 or compounds thereof [5]</li> </ul> </li> <li>4/613  <ul> <li>Pretreating with metals or metal-containing compounds thereof [5]</li> </ul> </li> <li>4/614  <ul> <li>With metals or metal-containing compounds thereof [5]</li> </ul> </li> <li>4/616  <ul> <li>With metals or metal-containing compounds, not provided for in a l</li></ul></li></ul>						-0.8F 4/602-C0.8F 4/62 the following term	ı is
C08F 4/65).4/602• • • • • • • • • • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]4/603• • • • • • • • • • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]4/605• • • • • • • • • • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/603 [5]4/606• • • • • • • • • • • • • • • • • • •						he meaning indicated: "component" comprises a transition meta a compound thereof, pretreated or not	
<ul> <li>with an organo-aluminium compound [5]</li> <li>4/603 • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]</li> <li>4/605 • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5]</li> <li>4/606 • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/611 • • • Pretreating the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/613 • • • • interacting with metals or metal- contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/613 • • • • Pretreating with metals or metal- contacting compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • with aluminium or compounds thereof [5]</li> <li>4/617 • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in a least two of the groups C08F 4/613-</li> </ul>							
<ul> <li>with a metal or compound covered by group C08F 4/44 other than an organo-aluminium compound [5]</li> <li>4/605 • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5]</li> <li>4/606 • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • organic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/611 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • with silicon or compounds thereof [5]</li> <li>4/616 • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/602	•	•	•	•		
C08F 4/44 other than an organo-aluminium compound [5] 4/605 • • • • Component covered by group C08F 4/60 with a metal or compound covered by group C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5] 4/606 • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5] 4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5] 4/608 • • • • inorganic [5] 4/609 • • • • organic [5] 4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5] 4/611 • • • Pretreating with mon-metals or metal-free compounds [5] 4/612 • • • • With metals covered by group C08F 4/60 or compounds [5] 4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5] 4/614 • • • • • with magnesium or compounds thereof [5] 4/615 • • • • with aluminium or compounds thereof [5] 4/616 • • • • • with silicon or compounds thereof [5] 4/617 • • • • with silicon or compounds thereof [5] 4/618 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5] 4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-	4/603	•	•	•	•		
<ul> <li>with a metal or compound covered by group C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5]</li> <li>4/606 • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • • inorganic [5]</li> <li>4/609 • • • • • organic [5]</li> <li>4/611 • • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating the metal or compound covered by group C08F 4/44 [5]</li> <li>4/612 • • • • Pretreating with mon-metals or metal-free compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>						C08F 4/44 other than an organo-aluminiu	
<ul> <li>C08F 4/44, not provided for in a single group of groups C08F 4/602 or C08F 4/603 [5]</li> <li>4/606</li> <li>Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/609</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/6109</li> <li>Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/611</li> <li>Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611</li> <li>Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612</li> <li>Pretreating with metals or metal-containing compounds [5]</li> <li>4/613</li> <li>V</li> <li>With metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614</li> <li>V</li> <li>With adaminium or compounds thereof [5]</li> <li>4/615</li> <li>V</li> <li>With adaminium or compounds thereof [5]</li> <li>4/616</li> <li>V</li> <li>With metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618</li> <li>V</li> <li>With metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/605	•	•	•	•		
<ul> <li>4/606 • • • • Catalysts comprising at least two different metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-containing compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • with aduminium or compounds thereof [5]</li> <li>4/615 • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • with metals or metal-containing compounds thereof [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds for in groups C08F 4/613-C08F 4/616 [5]</li> </ul>						C08F 4/44, not provided for in a single group of groups C08F 4/602 or	up
<ul> <li>metals, in metallic form or as compounds thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • Pretreating with mon-metals or metal-free compounds [5]</li> <li>4/612 • • • Pretreating with metals or metal-free compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>							
<ul> <li>thereof, in addition to the component covered by group C08F 4/60 [5]</li> <li>4/607 • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • • inorganic [5]</li> <li>4/609 • • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-free compounds [5]</li> <li>4/613 • • • • • With metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/606	•	•	•	•		
<ul> <li>4/607 • • • • Catalysts containing a specific non-metal or metal-free compound [5]</li> <li>4/608 • • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-free compounds [5]</li> <li>4/613 • • • • • Pretreating with metals or metal-free compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>						thereof, in addition to the component	
<ul> <li>metal-free compound [5]</li> <li>4/608 • • • • inorganic [5]</li> <li>4/609 • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-containing compounds [5]</li> <li>4/613 • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/607						or
<ul> <li>4/609 • • • • organic [5]</li> <li>4/61 • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-containing compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>						metal-free compound [5]	01
<ul> <li>4/61 • • • • Pretreating the metal or compound covered by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-containing compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • with silicon or compounds thereof [5]</li> <li>4/616 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>						-	
by group C08F 4/60 before the final contacting with the metal or compound covered by group C08F 4/44 [5] 4/611 • • • • • Pretreating with non-metals or metal-free compounds [5] 4/612 • • • • • Pretreating with metals or metal- containing compounds [5] 4/613 • • • • • • with metals covered by group C08F 4/60 or compounds thereof [5] 4/614 • • • • • • • with magnesium or compounds thereof [5] 4/615 • • • • • • • with aluminium or compounds thereof [5] 4/616 • • • • • • • with silicon or compounds thereof [5] 4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5] 4/618 • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-						0	d
<ul> <li>covered by group C08F 4/44 [5]</li> <li>4/611 • • • • Pretreating with non-metals or metal-free compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal-containing compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/616 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/01	•	•	•	•	by group C08F 4/60 before the final	u
<ul> <li>compounds [5]</li> <li>4/612 • • • • Pretreating with metals or metal- containing compounds [5]</li> <li>4/613 • • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>							
<ul> <li>containing compounds [5]</li> <li>4/613 • • • • • with metals covered by group C08F 4/60 or compounds thereof [5]</li> <li>4/614 • • • • • • • with magnesium or compounds thereof [5]</li> <li>4/615 • • • • • • • with aluminium or compounds thereof [5]</li> <li>4/616 • • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • with metals or metal-containing compounds, not provided for in at least two of the groups C08F 4/613-</li> </ul>	4/611	•	•	•	•	-	ee
C08F 4/60 or compounds thereof [5] 4/614 • • • • • with magnesium or compounds thereof [5] 4/615 • • • • • • with aluminium or compounds thereof [5] 4/616 • • • • • • with silicon or compounds thereof [5] 4/617 • • • • • with silicon or compounds thereof [5] 4/617 • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5] 4/618 • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-	4/612	•	•	•	•		
thereof <b>[5]</b> 4/615 • • • • • • with aluminium or compounds thereof <b>[5]</b> 4/616 • • • • • • • with silicon or compounds thereof <b>[5]</b> 4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 <b>[5]</b> 4/618 • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-	4/613	•	•	•	•		]
<ul> <li>thereof [5]</li> <li>4/616 • • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/614	•	•	•	•		
<ul> <li>4/616 • • • • • • with silicon or compounds thereof [5]</li> <li>4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/615	•	•	•	•	• • with aluminium or compounds	
<ul> <li>4/617 • • • • • • with metals or metal-containing compounds, not provided for in groups C08F 4/613-C08F 4/616 [5]</li> <li>4/618 • • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-</li> </ul>	4/616	•	•	•	•		5]
4/618 • • • • • • • with metals or metal-containing compounds, provided for in at least two of the groups C08F 4/613-	4/617	•	•	•	•	• • with metals or metal-containing compounds, not provided for in grou	
two of the groups C08F 4/613-	4/618	•	•	•	•	• • with metals or metal-containing	
						two of the groups C08F 4/613-	

4/619	•	•	•	•		omponent covered by group C08F 4/60
						ntaining a transition metal-carbon nd [2006.01]
4/6192	•	•	•	•	•	containing at least one cyclopentadienyl
1/0102						ring, condensed or not, e.g. an indenyl or
						a fluorenyl ring [2006.01]
4/62	•	•	•	•	Re	fractory metals or compounds thereof [2]
4/622	•	•	•	•	•	Component covered by group C08F 4/62
						with an organo-aluminium compound [5]
4/623	•	•	•	•	•	Component covered by group C08F 4/62
						with a metal or compound covered by group C08F 4/44 other than an organo-
						aluminium compound <b>[5]</b>
4/625	•	•	•	•	•	Component covered by group C08F 4/62
						with a metal or compound covered by
						group C08F 4/44, not provided for in a
						single group of groups C08F 4/622 or C08F 4/623 [5]
4/626						Coor 4/025 [5] Catalysts comprising at least two different
4/020	•	•	•	•	•	metals, in metallic form or as compounds
						thereof, in addition to the component
						covered by group C08F 4/62 [5]
4/627	•	•	•	•	•	Catalysts containing a specific non-metal
						or metal-free compound <b>[5]</b>
4/628	•	•	•	•	•	• inorganic [5]
4/629 4/63	•	•	•			• organic <b>[5]</b> Pretreating the metal or compound
4/05	•	•	•	•	•	covered by group C08F 4/62 before the
						final contacting with the metal or
						compound covered by group
						C08F 4/44 <b>[5]</b>
4/631	•	•	•	•	•	• Pretreating with non-metals or metal- free compounds <b>[5]</b>
4/632						<ul> <li>Pretreating with metals or metal-</li> </ul>
1,002						containing compounds [5]
4/633	•	•	•	•	•	• • with metals covered by group
						C08F 4/62 or compounds
4/634						thereof [5]
4/034	•	•	•	•	•	<ul> <li>with magnesium or compounds thereof [5]</li> </ul>
4/635	•	•	•	•	•	• • with aluminium or compounds
						thereof [5]
4/636	•	•	•	•	•	• • with silicon or compounds
4/637	_	_	_			thereof <b>[5]</b>
4/63/	•	•	•	•	•	with metals or metal-containing compounds, not provided for in
						groups C08F 4/633-C08F 4/636 <b>[5]</b>
4/638	•	•	•	•	•	• • with metals or metal-containing
						compounds, not provided for in a
						single group of groups C08F 4/633- C08F 4/637 <b>[5]</b>
4/639						Component covered by group C08F 4/62
47 000						containing a transition metal-carbon
						bond [2006.01]
4/6392	•	•	•	•	•	containing at least one
						cyclopentadienyl ring, condensed or not, e.g. an indenyl or a fluorenyl
						ring <b>[2006.01]</b>
4/64	•	•	•	•	•	Titanium, zirconium, hafnium, or
						compounds thereof [2]
4/642	•	•	•	•	•	Component covered by group
						C08F 4/64 with an organo-aluminium compound [5]
4/643	•	•	•	•	•	<ul> <li>Component covered by group</li> </ul>
						C08F 4/64 with a metal or compound
						covered by group C08F 4/44 other
						than an organo-aluminium
						compound [5]

4/645	•	•	•	•	•	•	08F 4/64 overed by	nt covered by group with a metal or compound group C08F 4/44, not or in a single group of
								8F 4/642-C08F 4/643 <b>[5]</b>
4/646	•	•	•	•	•	•	ifferent m	comprising at least two netals, in metallic form or as s thereof, in addition to the
								t covered by group
4/647	•	•	•	•	•	•	Catalysts c	containing a specific non-
								etal-free compound [5]
4/648	•	•	•	•	•	•	inorgan	ic <b>[5]</b>
4/649	•	•	•	•	•	•	organic	[5]
4/65	•	•	•	•	•	•	overed by ne final co	g the metal or compound 7 group C08F 4/64 before ontacting with the metal or covered by group [5]
4/651	•	•	•	•	•	•	Pretreat	ing with non-metals or
4/652	•	•	•	•	•	•	Pretreat	ree compounds <b>[5]</b> ing with metals or metal-
								ing compounds [5]
4/653	•	•	•	•	•	•	C08I	metals covered by group F 4/64 or compounds of <b>[5]</b>
4/654	•	•	•	•	•	•	• with	magnesium or compounds of [5]
4/655	•	•	•	•	•	•	• with	aluminium or compounds of <b>[5]</b>
4/656	•	•	•	•	•	•	• with	silicon or compounds of [5]
4/657	•	•	•	•	•	•	• with	metals or metal-containing
							grou	pounds, not provided for in ps C08F 4/653- F 4/656 <b>[5]</b>
4/658	•	•	•	•	•	•	<ul> <li>with</li> </ul>	metals or metal-containing
							comj	pounds, not provided for in a e group of groups
								F 4/653-C08F 4/657 <b>[5]</b>
4/659	•	•	•	•	•	•		t covered by group
							08F 4/64 netal-carb	containing a transition on bond <b>[2006.01]</b>
4/6592	•	•	•	•	•	•		ing at least one ntadienyl ring, condensed or
							not, e.g. ring <b>[20</b>	. an indenyl or a fluorenyl
4/68	•	•	•	•	•	Va	-	obium, tantalum, or
								nereof [2]
4/685	•	•	•	•	•	•	ombinatio	or compounds thereof in on with titanium or s thereof <b>[5]</b>
4/69	•	•	•	•	•		omium, n	nolybdenum, tungsten or nereof <b>[5]</b>
4/695	•	•	•	•		ang	-	netium, rhenium or
4/70	•	•	•	•	Irc	on g	oup metal	ls, platinum group metals, or
4/70			-	Ŀ		~	unds there	
4/72	•	•	C		4/	44	C08F 4/54	ot provided for in group 4-C08F 4/70 take
4/74	•	•	•					ctory metals [2]
4/76	•	•	•	•				anium, zirconium, hafnium,
-770								um, or tantalum <b>[2]</b>
4/78	•	•	•	•	se	lec		romium, molybdenum, or
4/80	•	•	•	se		-		group metals or platinum
-							als <b>[2]</b>	

4/82	• • • • pi-Allyl complexes [2]
6/00	<b>Post-polymerisation treatments</b> (C08F 8/00 takes precedence; of conjugated diene rubbers C08C) [2]
6/02	<ul> <li>Neutralisation of the polymerisation mass, e.g. killing the catalyst (short-stopping C08F 2/42) [2]</li> </ul>
6/04	<ul> <li>Fractionation [2]</li> </ul>
6/06	Treatment of polymer solutions [2]
6/08	<ul> <li>Removal of catalyst residues [2]</li> </ul>
6/10	Removal of volatile materials, e.g. monomers, solvents [2]
6/12	• • Separation of polymers from solutions [2]
6/14	• Treatment of polymer emulsions [2]
6/16	• • Purification [2]
6/18	• • Increasing the size of the dispersed particles [2]
6/20	Concentration [2]
6/22	Coagulation [2]
6/24	<ul> <li>Treatment of polymer suspensions [2]</li> </ul>
6/26	<ul> <li>Treatment of polymers prepared in bulk [2]</li> </ul>
6/28	• • Purification [2]
8/00	<b>Chemical modification by after-treatment</b> (graft polymers, block polymers, crosslinking with unsaturated monomers or with polymers C08F 251/00-C08F 299/00; of conjugated diene rubbers C08C) <b>[2]</b>
	<u>Note(s)</u>
	In groups C08F 8/02-C08F 8/50, in the absence of an
	indication to the contrary, a process is classified in the
	last appropriate place.
8/02	Alkylation [2]
8/04	Reduction, e.g. hydrogenation [2]
8/06	Oxidation [2]
8/08	Epoxidation [2]
8/10	Acylation [2]
8/12	Hydrolysis [2]
8/14	• Esterification [2]
8/16	• • Lactonisation [2]
8/18	<ul> <li>Introducing halogen atoms or halogen-containing groups [2]</li> </ul>
8/20	<ul> <li>Halogenation [2]</li> <li>by reaction with free halogens [2]</li> </ul>
8/22	of reaction with nee natogens [-]
8/24	<ul><li>Haloalkylation [2]</li><li>Removing halogen atoms or halogen-containing</li></ul>
8/26	groups from the molecule [2]
8/28	• Condensation with aldehydes or ketones [2]
8/30	<ul> <li>Introducing nitrogen atoms or nitrogen-containing groups [2]</li> </ul>
8/32	• • by reaction with amines <b>[2]</b>
8/34	<ul> <li>Introducing sulfur atoms or sulfur-containing groups [2]</li> </ul>
8/36	• • Sulfonation; Sulfation [2]
8/38	Sulfohalogenation [2]
8/40	• Introducing phosphorus atoms or phosphorus- containing groups <b>[2]</b>
8/42	<ul> <li>Introducing metal atoms or metal-containing groups [2]</li> </ul>
8/44	• Preparation of metal salts or ammonium salts [2]
8/46	Reaction with unsaturated dicarboxylic acids or
	anhydrides thereof, e.g. maleinisation [2]
8/48	Isomerisation; Cyclisation [2]
8/50	Partial depolymerisation [2]

10/00

10/02

10/04• Monomers containing three or four carbon atoms [2]

Homopolymers or copolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-

10/06 • • Propene [2]

Homopolymers or copolymers [2]

carbon double bond [2]

- 10/08• • Butenes [2]
- 10/10• • Isobutene [2]

• Ethene [2]

- 10/14• Monomers containing five or more carbon atoms [2]
- 12/00Homopolymers 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 [2] • Monomers containing only one unsaturated aliphatic 12/02radical [2] 12/04• containing one ring [2] 12/06• • • Hydrocarbons [2] •••• Styrene [2] 12/08 12/12 • containing a branched unsaturated aliphatic • • radical or an alkyl radical attached to the ring [2] 12/14substituted by hetero atoms or groups containing hetero atoms [2] 12/16 Halogens [2] Chlorine [2] • • 12/1812/20 . • • Fluorine [2] 12/22 • • Oxygen [2] 12/24 • • Phenols or alcohols [2] • Nitrogen [2] 12/26• • • Amines [2] 12/2812/30• • • • Sulfur [2] 12/32• • containing two or more rings [2] 12/34· Monomers containing two or more unsaturated aliphatic radicals [2] 12/36 Divinylbenzene [2] 14/00 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 [2] 14/02 • Monomers containing chlorine [2] 14/04• • Monomers containing two carbon atoms [2] 14/06• • • Vinyl chloride [2] . . 14/08• Vinylidene chloride [2] 14/12• • • 1, 2-Dichloroethene [2] 14/14• Monomers containing three or more carbon atoms [2] 14/16• Monomers containing bromine or iodine [2] 14/18• Monomers containing fluorine [2] 14/20• • Vinyl fluoride [2] 14/22• • Vinylidene fluoride [2] 14/24• • Trifluorochloroethene [2] 14/26• • Tetrafluoroethene [2] 14/28 . . Hexafluoropropene [2] 16/00 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 [2] 16/02 • by an alcohol radical [2]
- • Acyclic compounds [2] 16/04

16/06	• • • Polyvinyl alcohol [2]
16/08	• • • Allyl alcohol [2]
16/10	Carbocyclic compounds [2]
16/12	• by an ether radical [2]
16/14	<ul> <li>Monomers containing only one unsaturated</li> </ul>
	aliphatic radical [2]
16/16	• • • Monomers containing no hetero atoms other
	than the ether oxygen [2]
16/18	• • • • Acyclic compounds [2]
16/20	• • • • • Monomers containing three or more
10/20	carbon atoms in the unsaturated aliphatic
	radical [2]
16/22	
16/22	
16/24	• • • Monomers containing halogen [2]
16/26	• • • Monomers containing oxygen atoms in addition
	to the ether oxygen [2]
16/28	• • • Monomers containing nitrogen [2]
16/30	• • • Monomers containing sulfur [2]
16/32	Monomers containing two or more unsaturated
	aliphatic radicals [2]
16/34	• by an aldehydo radical <b>[2]</b>
16/36	• by a ketonic radical [2]
16/38	<ul> <li>by an acetal or ketal radical [2]</li> </ul>
10/30	• Dy all acetal Of Ketal faulcal [2]
18/00	Homopolymers or copolymers of compounds having
10/00	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 [2]
18/02	
	• Esters of monocarboxylic acids [2]
18/04	• • Vinyl esters [2]
18/06	• • • Vinyl formate [2]
18/08	• • • Vinyl acetate [2]
18/10	• • • of monocarboxylic acids containing three or
	more carbon atoms [2]
18/12	• • with unsaturated alcohols containing three or more
	carbon atoms [2]
18/14	• Esters of polycarboxylic acids [2]
18/16	• • with alcohols containing three or more carbon
10/10	atoms [2]
18/18	• • • Diallyl phthalate [2]
18/20	Esters containing halogen [2]
18/22	Esters containing nitrogen [2]
18/24	Esters of carbonic or haloformic acids [2]
20/00	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 a salt, anhydride, ester, amide, imide, or
	nitrile thereof [2]
20/02	Monocarboxylic acids having less than ten carbon
	atoms; Derivatives thereof [2]
20/04	• • Acids; Metal salts or ammonium salts thereof [2]
20/06	• • • Acrylic acid; Methacrylic acid; Metal salts or
	ammonium salts thereof [2]
20/08	• • Anhydrides [2]
20/10	• • Esters [2]
20/10	<ul> <li>• • of monohydric alcohols or phenols [2]</li> </ul>
20/14	• • • Methyl esters [2]
20/16	• • • of phenols or of alcohols containing two or
	more carbon atoms [2]
20/18	• • • • • with acrylic or methacrylic acids [2]
20/20	• • • of polyhydric alcohols or phenols [2]
20/22	• • • Esters containing halogen [2]

20/24	• • • • containing perhaloalkyl radicals [2]
20/26	• • Esters containing oxygen in addition to the carboxy oxygen [2]
20/28	• • • containing no aromatic rings in the alcohol moiety [2]
20/30	• • • • containing aromatic rings in the alcohol moiety [2]
20/32	• • • • containing epoxy radicals [2]
20/34	• • • Esters containing nitrogen [2]
20/36	• • • containing oxygen in addition to the carboxy oxygen [2]
20/38	• • • Esters containing sulfur [2]
20/40	• • • Esters of unsaturated alcohols [2]
20/42	• • Nitriles <b>[2]</b>
20/44	• • • Acrylonitrile [2]
20/50	• • • containing four or more carbon atoms [2]
20/52	Amides or imides [2]
20/54	• • • Amides [2]
20/56	• • • • Acrylamide; Methacrylamide [2]
20/58	• • • • containing oxygen in addition to the
	carbonamido oxygen [2]
20/60	• • • containing nitrogen in addition to the carbonamido nitrogen <b>[2]</b>
20/62	Monocarboxylic acids having ten or more carbon
	atoms; Derivatives thereof [2]
20/64	• • Acids; Metal salts or ammonium salts thereof [2]
20/66	• • Anhydrides [2]
20/68	• • Esters <b>[2]</b>
20/70	Nitriles; Amides; Imides [2]
22/00	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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]
	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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]
22/02	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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2] • Acids; Metal salts or ammonium salts thereof [2]
22/02 22/04	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> </ul>
22/02 22/04 22/06	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> </ul>
22/02 22/04	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> </ul>
22/02 22/04 22/06 22/10	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing oxygen in addition to the</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing oxygen in addition to the carboxy oxygen [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing oxygen in addition to the carboxy oxygen [2]</li> <li>Esters containing nitrogen [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing and pale and addition to the carboxy oxygen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing nitrogen [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/24	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing oxygen in addition to the carboxy oxygen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> <li>Diallyl maleate [2]</li> <li>Nitriles [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28 22/30	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> <li>Diallyl maleate [2]</li> <li>Nitriles [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28 22/30 22/32	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> <li>Diallyl maleate [2]</li> <li>Nitriles [2]</li> <li>Alpha-cyano-acrylic acid; Esters thereof [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> <li>Diallyl maleate [2]</li> <li>Nitriles [2]</li> <li>Alpha-cyano-acrylic acid; Esters thereof [2]</li> <li>Vinylidene cyanide [2]</li> </ul>
22/02 22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36	<ul> <li>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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides, e.g. cyclic anhydrides [2]</li> <li>Maleic anhydride [2]</li> <li>Esters [2]</li> <li>of phenols or saturated alcohols [2]</li> <li>Esters having no free carboxylic acid groups [2]</li> <li>Esters having free carboxylic acid groups [2]</li> <li>Esters containing halogen [2]</li> <li>Esters containing nitrogen [2]</li> <li>Esters containing sulfur [2]</li> <li>of unsaturated alcohols [2]</li> <li>Esters containing sulfur [2]</li> <li>Of unsaturated alcohols [2]</li> <li>Alpha-cyano-acrylic acid; Esters thereof [2]</li> <li>Vinylidene cyanide [2]</li> <li>Amides or imides [2]</li> </ul>

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 (cyclic esters of polyfunctional acids C08F 18/00; cyclic anhydrides of unsaturated acids C08F 20/00, C08F 22/00) [2]

26/00	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 [2]
26/02	<ul> <li>by a single or double bond to nitrogen [2]</li> </ul>
26/04	• • Diallylamine [2]
26/06	• by a heterocyclic ring containing nitrogen [2]
26/08	• • N-Vinyl-pyrrolidine [2]
26/10	• N-Vinyl-pyrrolidone [2]
26/12	• • N-Vinyl-carbazole [2]
28/00	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 [2]
28/02	• by a bond to sulfur [2]
28/04	• Thioethers [2]
28/06	• by a heterocyclic ring containing sulfur <b>[2]</b>
30/00	Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium or a metal (metal salts, e.g. phenolates or alcoholates, <u>see</u> the parent compounds) [2]
30/02	<ul> <li>containing phosphorus [2]</li> </ul>
30/04	<ul> <li>containing a metal [2]</li> </ul>
30/04	<ul> <li>• containing boron [2]</li> </ul>
30/08	<ul> <li>containing boton [2]</li> <li>containing silicon [2]</li> </ul>
30/00	<ul> <li>containing smcon [2]</li> <li>containing germanium [2]</li> </ul>
32/00	Homopolymers or copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system [2]
32/02	<ul> <li>having no condensed rings [2]</li> </ul>
32/04	<ul> <li>having one carbon-to-carbon double bond [2]</li> </ul>
32/06	<ul> <li>having two or more carbon-to-carbon double bonds [2]</li> </ul>
32/08	<ul> <li>having condensed rings [2]</li> </ul>
34/00	Homopolymers or copolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring (cyclic esters of polyfunctional acids C08F 18/00; cyclic anhydrides or imides C08F 22/00) [2]
34/02	<ul> <li>in a ring containing oxygen [2]</li> </ul>
34/04	• in a ring containing sulfur <b>[2]</b>
36/00	Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 32/00 takes precedence) [2]
36/02	<ul> <li>the radical having only two carbon-to-carbon double bonds [2]</li> </ul>
36/04	• • conjugated [2]
36/06	• • • Butadiene [2]
36/08	• • • Isoprene [2]
36/14	<ul> <li>containing elements other than carbon and hydrogen [2]</li> </ul>
36/16	• • • • containing halogen [2]
36/18	• • • • • containing chlorine [2]
36/20	• • unconjugated [2]
-	

36/22	<ul> <li>the radical having three or more carbon-to-carbon double bonds [2]</li> </ul>
38/00	Homopolymers or copolymers of compounds having one or more carbon-to-carbon triple bonds [2]
38/02	Acetylene [2]
38/04	Vinylacetylene [2]

# Homopolymers [2]

110/00	
110/00	Homopolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond [2]
110/02	• Ethene <b>[2]</b>
110/04	Monomers containing three or four carbon atoms [2]
110/06	• • Propene [2]
110/08	• • Butenes [2]
110/10	• • • Isobutene [2]
110/14	• Monomers containing five or more carbon atoms [2]
112/00	Homopolymers 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 [2]
112/02	• Monomers containing only one unsaturated aliphatic radical <b>[2]</b>
112/04	• • containing one ring [2]
112/06	• • • Hydrocarbons [2]
112/08	• • • • Styrene <b>[2]</b>
112/12	<ul> <li>• containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2]</li> </ul>
112/14	• • • substituted by hetero atoms or groups containing hetero atoms [2]
112/32	<ul> <li>containing two or more rings [2]</li> </ul>
112/34	<ul> <li>Monomers containing two or more unsaturated aliphatic radicals [2]</li> </ul>
112/36	• • Divinylbenzene [2]
114/00	Homopolymers 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 [2]
114/02	
114/02 114/04	carbon-to-carbon double bond, and at least one being terminated by a halogen [2]
	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> </ul>
114/04	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> </ul>
114/04 114/06	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> </ul>
114/04 114/06 114/08	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> </ul>
114/04 114/06 114/08 114/12	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon</li> </ul>
114/04 114/06 114/08 114/12 114/14	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16 114/18	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/14 114/16 114/18 114/20	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16 114/18 114/20 114/22	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16 114/18 114/20 114/22 114/24	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Trifluorochloroethene [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16 114/18 114/20 114/22 114/24 114/26	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>1,2-Dichloroethene [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Trifluorochloroethene [2]</li> <li>Tetrafluoroethene [2]</li> </ul>
114/04 114/06 114/08 114/12 114/14 114/16 114/18 114/20 114/22 114/24 114/26 114/28	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Trifluorochloroethene [2]</li> <li>Tetrafluoroethene [2]</li> <li>Hexafluoropropene [2]</li> </ul> Homopolymers 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,
114/04 114/06 114/08 114/12 114/14 114/16 114/18 114/20 114/22 114/24 114/26 114/28 <b>116/00</b>	<ul> <li>carbon-to-carbon double bond, and at least one being terminated by a halogen [2]</li> <li>Monomers containing chlorine [2]</li> <li>Monomers containing two carbon atoms [2]</li> <li>Vinyl chloride [2]</li> <li>Vinyl chloride [2]</li> <li>Vinylidene chloride [2]</li> <li>Monomers containing three or more carbon atoms [2]</li> <li>Monomers containing bromine or iodine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Monomers containing fluorine [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinyl fluoride [2]</li> <li>Vinylidene fluoride [2]</li> <li>Trifluorochloroethene [2]</li> <li>Tetrafluoroethene [2]</li> <li>Hexafluoropropene [2]</li> </ul> Homopolymers 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 [2]

9

116/08	• • • Allyl alcohol [2]	120
116/10	Carbocyclic compounds [2]	120
116/12	• by an ether radical <b>[2]</b>	120
116/14	<ul> <li>Monomers containing only one unsaturated aliphatic radical [2]</li> </ul>	120
116/16	<ul> <li>Monomers containing no hetero atoms other</li> </ul>	120
110/10	than the ether oxygen [2]	120
116/18	• • • • Acyclic compounds [2]	120
116/20	• • • • • Monomers containing three or more	120
	carbon atoms in the unsaturated aliphatic radical <b>[2]</b>	120
116/34	<ul> <li>by an aldehydo radical [2]</li> </ul>	
116/36	<ul> <li>by a ketonic radical [2]</li> </ul>	120
116/38	<ul> <li>by an acetal or ketal radical [2]</li> </ul>	120
118/00	Homopolymers of compounds having one or more	120
110/00	unsaturated aliphatic radicals, each having only one	120
	carbon-to-carbon double bond, and at least one	122
	being terminated by an acyloxy radical of a	122
	saturated carboxylic acid, of carbonic acid, or of a haloformic acid [2]	
118/02	Esters of monocarboxylic acids [2]	
118/02	<ul> <li>Vinyl esters [2]</li> </ul>	
118/06	• • • Vinyl formate [2]	
118/08	• • • Vinyl acetate [2]	122
118/10	<ul> <li>of monocarboxylic acids containing three or</li> </ul>	122
110/10	more carbon atoms [2]	122
118/12	• • with unsaturated alcohols containing three or more	122
	carbon atoms [2]	122
118/14	<ul> <li>Esters of polycarboxylic acids [2]</li> </ul>	122
118/16	• • with alcohols containing three or more carbon	122
110/10	atoms [2]	122
118/18	• • • Diallyl phthalate [2]	122
120/00	Homopolymers of compounds having one or more	100
120/00	unsaturated aliphatic radicals, each having only one	122
120/00	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being	122
120/00	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt,	122 122
<b>120/00</b> 120/02	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]	122
	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt,	122 122 122 122
	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon</li> </ul>	122 122 122
120/02	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or</li> </ul>	122 122 122 122 122
120/02 120/04 120/06	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> </ul>	122 122 122 122 122 122 122
120/02 120/04 120/06 120/08	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> </ul>	122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts thereof [2]</li> <li>Acids; Metal salts thereof [2]</li> <li>Esters [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> </ul>	122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Achydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or admonium salts thereof [2]</li> <li>Acids; Metal salts or admonium salts thereof [2]</li> <li>Acids; Metal salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Achydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>with acrylic or methacrylic acids [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Setters [2]</li> <li>Monocarboxylic alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>Setters [2]</li> <li>Methyl esters [2]</li> <li>Methyl esters [2]</li> <li>Methyl esters [2]</li> <li>Setters [2]</li> <li>Seters [2]</li> <li>Setters [2]</li> <li>Seters [2]</li> <li>Setter</li></ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Monocarboxylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Multiple salts [2]</li> <li>Substantian salts salts [2]</li> <li>Substantian salts salts [2]</li> <li>Substantian salts salts</li></ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Monocarboxylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Multiple salts [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Monocarboxylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Monydrides [2]</li> <li>Monydrides [2]</li> <li>Monydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>Methyl este</li></ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Monocarboxylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Multiple salts or ammonium salts thereof [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts or of alcohols containing two or more carbon atoms [2]</li> <li>Multiple salts or methacrylic acids [2]</li> <li>Multiple salts or alcohols or phenols [2]</li> <li>Subtract of polyhydric alcohols or phenols [2]</li> <li>Subtract of polyhydric</li></ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Monocarboxylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Multiple salts or alcohols containing two or more carbon atoms [2]</li> <li>Multiple salts or methacrylic acids [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts [2]</li> <li>Multiple salts [2]</li> <li>Substantiant salts all salts or another salts all salts or all s</li></ul>	122 122 122 122 122 122 122 122 122 <b>124</b> <b>126</b>
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing no aromatic rings in the alcohol moiety [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> <li>containing epoxy radicals [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28 120/28	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>Esters containing oxygen in addition to the carboxy oxygen [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28 120/30 120/32	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>esters containing halogen [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing oxygen in addition to the carboxy oxygen [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> <li>containing nitrogen [2]</li> <li>esters containing nitrogen [2]</li> <li>containing nitrogen [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28 120/28 120/30 120/32 120/34 120/36	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing no aromatic rings in the alcohol moiety [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing oxygen in addition to the carboxy oxygen [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28 120/28 120/30 120/32 120/34 120/36	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Achydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing no aromatic rings in the alcohol moiety [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>Esters containing nitrogen [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122
120/02 120/04 120/06 120/08 120/10 120/12 120/14 120/16 120/18 120/20 120/22 120/24 120/26 120/28 120/28 120/30 120/32 120/34 120/36	<ul> <li>unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acids; Metal salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> <li>Anhydrides [2]</li> <li>Esters [2]</li> <li>of monohydric alcohols or phenols [2]</li> <li>Methyl esters [2]</li> <li>of phenols or of alcohols containing two or more carbon atoms [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>of polyhydric alcohols or phenols [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing perhaloalkyl radicals [2]</li> <li>containing no aromatic rings in the alcohol moiety [2]</li> <li>containing aromatic rings in the alcohol moiety [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing nitrogen [2]</li> <li>containing oxygen in addition to the carboxy oxygen [2]</li> </ul>	122 122 122 122 122 122 122 122 122 122

100/10	
120/42	• • Nitriles [2]
120/44	• • • Acrylonitrile [2]
120/50	• • • containing four or more carbon atoms [2]
120/52	• • Amides or imides [2]
120/54	• • • Amides [2]
120/56	• • • • Acrylamide; Methacrylamide [2]
120/58	• • • • containing oxygen in addition to the carbonamido oxygen <b>[2]</b>
120/60	• • • • containing nitrogen in addition to the carbonamido nitrogen [2]
120/62	<ul> <li>Monocarboxylic acids having ten or more carbon atoms; Derivatives thereof [2]</li> </ul>
120/64	• • Acids; Metal salts or ammonium salts thereof [2]
120/66	• • Anhydrides [2]
120/68	• • Esters [2]
120/70	• • Nitriles; Amides; Imides [2]
122/00	Homopolymers of compounds having one or more
	unsaturated aliphatic radicals, each having one of more 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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]
122/02	• Acids; Metal salts or ammonium salts thereof [2]
122/04	Anhydrides, e.g. cyclic anhydrides [2]
122/06	• • Maleic anhydride [2]
122/10	• Esters [2]
122/12	• • of phenols or saturated alcohols [2]
122/14	• • • Esters having no free carboxylic acid groups [2]
122/16	• • • Esters having free carboxylic acid groups [2]
122/18	• • • Esters containing halogen [2]
122/20	• • Esters containing oxygen in addition to the carboxy oxygen [2]
122/22	• • • Esters containing nitrogen [2]
122/24	• • • Esters containing sulfur [2]
122/26	• • of unsaturated alcohols [2]
122/28	• • • Diallyl maleate [2]
122/30	Nitriles [2]
122/32	• • Alpha-cyano-acrylic acid; Esters thereof [2]
122/34	• Vinylidene cyanide [2]
122/36	Amides or imides [2]
122/38	• • Amides [2]
122/40	• • Imides, e.g. cyclic imides [2]
124/00	Homopolymers 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 (cyclic esters of polyfunctional acids C08F 118/00; cyclic anhydrides of unsaturated acids C08F 120/00, C08F 122/00) [2]
126/00	Homopolymers 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 [2]
126/02	• by a single or double bond to nitrogen <b>[2]</b>
126/04	• • Diallylamine <b>[2]</b>
126/06	• by a heterocyclic ring containing nitrogen [2]
126/08	• • N-Vinyl-pyrrolidine [2]
126/10	• • N-Vinyl-pyrrolidone [2]
126/12	<ul> <li>N-Vinyl-carbazole [2]</li> </ul>

128/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon bond, and at least one being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur [2]
128/02	• by a bond to sulfur [2]
128/04	Thioethers [2]     bus a between units ring containing sulfur [2]
128/06	• by a heterocyclic ring containing sulfur <b>[2]</b>
130/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing phosphorus, selenium, tellurium, or a metal (metal salts, e.g. phenolates or alcoholates, <u>see</u> the parent compounds) [2]
130/02	<ul> <li>containing phosphorus [2]</li> </ul>
130/04	containing a metal [2]
130/06	containing boron [2]
130/08	• • containing silicon [2]
130/10	• containing germanium [2]
132/00	Homopolymers of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system [2]
132/02	<ul> <li>having no condensed rings [2]</li> </ul>
132/04	• • having one carbon-to-carbon double bond [2]
132/06	<ul> <li>having two or more carbon-to-carbon double bonds [2]</li> </ul>
132/08	<ul> <li>having condensed rings [2]</li> </ul>
134/00	Homopolymers of cyclic compounds having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon double bonds in a heterocyclic ring (cyclic esters of polyfunctional acids C08F 118/00; cyclic anhydrides or imides C08F 122/00) [2]
134/02 134/04	<ul><li>in a ring containing oxygen [2]</li><li>in a ring containing sulfur [2]</li></ul>
136/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2]
136/02	<ul> <li>the radical having only two carbon-to-carbon double bonds [2]</li> </ul>
136/04	• • conjugated [2]
136/06	• • • Butadiene [2]
136/08	• • • Isoprene [2]
136/14	<ul> <li>containing elements other than carbon and hydrogen [2]</li> </ul>
136/16	• • • • containing halogen [2]
136/18	• • • • containing chlorine [2]
136/20	• • unconjugated [2]
136/22	<ul> <li>the radical having three or more carbon-to-carbon double bonds [2]</li> </ul>
138/00	Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2]
138/02	Acetylene [2]
138/04	Vinylacetylene [2]

# Copolymers [2]

### Note(s) [2006.01]

- When classifying in groups C08F 210/00-C08F 297/00, any monomeric components not identified by the classification according to Note (4) after the title of subclass C08F within this classification range, and where the use of such monomeric components is determined to be novel and non-obvious, must also be classified in the last appropriate place in groups C08F 210/00-C08F 238/00.
- 2. Any monomeric components not identified by the classification according to Note (4) after the title of subclass C08F or Note (1) above, and where the use of such monomeric components is considered to represent information of interest for search, may also be classified in the last appropriate place in groups C08F 210/00-C08F 238/00. This can for example be the case when it is considered of interest to enable searching of copolymers using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".

210/00	Copolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon double bond [2]
210/02	• Ethene [2]
210/04	<ul> <li>Monomers containing three or four carbon atoms [2]</li> </ul>
210/06	• • Propene [2]
210/08	• • Butenes [2]
210/10	• • • Isobutene [2]
210/12	• • • • with conjugated diolefins, e.g. butyl rubber [2]
210/14	• Monomers containing five or more carbon atoms [2]
210/16	• Copolymers of ethene with alpha-alkenes, e.g. EP rubbers <b>[2]</b>
210/18	• • with non-conjugated dienes, e.g. EPT rubbers [2]
212/00	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 [2]
212/02	• Monomers containing only one unsaturated aliphatic radical [2]
212/04	• • containing one ring [2]
212/06	• • • Hydrocarbons [2]
212/08	• • • • Styrene <b>[2]</b>
212/10	• • • • • with nitriles <b>[2]</b>
212/12	<ul> <li>containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2]</li> </ul>
212/14	• • • substituted by hetero atoms or groups containing hetero atoms [2]
212/32	• • containing two or more rings [2]
212/34	• Monomers containing two or more unsaturated aliphatic radicals [2]
212/36	• • Divinylbenzene [2]
214/00	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 [2]
214/02	Monomers containing chlorine [2]
214/04	<ul> <li>Monomers containing two carbon atoms [2]</li> </ul>
214/06	• • • Vinyl chloride [2]
214/08	• • • Vinylidene chloride [2]

214/10	• • • • with nitriles [2]	220/12
214/12	• • • 1,2-Dichloroethene [2]	220/14
214/14	Monomers containing three or more carbon atoms [2]	220/10
214/16	<ul> <li>Monomers containing bromine or iodine [2]</li> </ul>	220/18
214/18	<ul> <li>Monomers containing fluorine [2]</li> </ul>	220/20
214/20	• • Vinyl fluoride [2]	220/22
214/22	• • Vinylidene fluoride [2]	220/24
214/24	Trifluorochloroethene [2]	220/20
214/26	• • Tetrafluoroethene [2]	220/20
214/28	Hexafluoropropene [2]	220/28
216/00	Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one	220/30
	being terminated by an alcohol, ether, aldehydo,	220/32
	ketonic, acetal, or ketal radical [2]	220/34
216/02	• by an alcohol radical [2]	220/30
216/04	• • Acyclic compounds [2]	220/38
216/06	• • • Polyvinyl alcohol [2]	220/30
216/08	• • • Allyl alcohol [2]	220/40
216/10	Carbocyclic compounds [2]	220/42
216/12	• by an ether radical [2]	220/44
216/14	• • Monomers containing only one unsaturated aliphatic radical [2]	
216/16	<ul> <li>Monomers containing no hetero atoms other</li> </ul>	220/48
	than the ether oxygen <b>[2]</b>	220/50 220/52
216/18	• • • • Acyclic compounds [2]	220/52
216/20	• • • • • Monomers containing three or more	220/5
	carbon atoms in the unsaturated aliphatic radical <b>[2]</b>	220/58
216/34	• by an aldehydo radical [2]	220/60
216/36	• by a ketonic radical [2]	220/60
216/38	• by an acetal or ketal radical <b>[2]</b>	220/62
218/00	Copolymers having one or more unsaturated	220/64
	aliphatic radicals, each having only one carbon-to-	220/6
	carbon double bond, and at least one being terminated by an acyloxy radical of a saturated	
		220/68
	carboxylic acid, of carbonic acid, or of a haloformic	220/68 220/70
218/02	carboxylic acid, of carbonic acid, or of a haloformic acid [2]	
218/02 218/04	carboxylic acid, of carbonic acid, or of a haloformic acid [2]	220/70
	<ul><li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li><li>Esters of monocarboxylic acids [2]</li></ul>	220/70
218/04	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> </ul>	220/70
218/04 218/06	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> </ul>	220/70
218/04 218/06 218/08	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or</li> </ul>	220/7( <b>222/0(</b> 222/0)
218/04 218/06 218/08 218/10	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> </ul>	220/70 <b>222/00</b> 222/02 222/02
218/04 218/06 218/08 218/10 218/12	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more</li> </ul>	220/70 <b>222/00</b> 222/00 222/00 222/00
218/04 218/06 218/08 218/10 218/12 218/14	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> </ul>	220/70 222/00 222/00 222/00 222/00 222/00
218/04 218/06 218/08 218/10 218/12 218/14	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon</li> </ul>	220/70 <b>222/00</b> 222/00 222/00 222/00
218/04 218/06 218/08 218/10 218/12 218/14 218/14 218/16	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> </ul>	220/70 222/00 222/00 222/00 222/00 222/00 222/10
218/04 218/06 218/08 218/10 218/12 218/14 218/14 218/16 218/18	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o the alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o the alcohols containing three or more carbon atoms [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o the alcohols containing three or more carbon atoms [2]</li> <li>mathematic align the analysis of compounds having one or more unsaturated align the alcohols, each having only one</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/10 222/11
218/04 218/06 218/08 218/10 218/12 218/14 218/14 218/16 218/18	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o the alcohols containing three or more carbon atoms [2]</li> <li>To allyl phthalate [2]</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/11 222/11 222/11 222/11
218/04 218/06 218/08 218/10 218/12 218/14 218/14 218/16 218/18	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>of monocarboxylic acids [2]</li> <li>o di polycarboxylic acids [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>o di polycarboxylic acids [2]</li> <li>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 a salt,</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/11 222/11 222/11
218/04 218/06 218/08 218/10 218/12 218/14 218/14 218/16 218/18	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o di monocarboxylic acids [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>Oppolymers 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 a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/11 222/11 222/11 222/11
218/04 218/06 218/08 218/10 218/12 218/14 218/16 218/18 <b>220/00</b>	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o di monocarboxylic acids [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>o with alcohols containing three or more carbon atoms [2]</li> <li>o biallyl phthalate [2]</li> </ul> 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 a salt, anhydride, ester, amide, imide, or nitrile thereof [2] <ul> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/10 222/10 222/10 222/10 222/10
218/04 218/06 218/08 218/10 218/12 218/14 218/16 218/18 220/00 220/02 220/02	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>o di monocarboxylic acids [2]</li> <li>o with alcohols containing three or more carbon atoms [2]</li> <li>Topolymers 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 a salt, anhydride, ester, amide, imide, or nitrile thereof [2]</li> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metals salts or ammonium salts thereof [2]</li> </ul>	222/00 222/00 222/00 222/00 222/10 222/10 222/11 222/11 222/11 222/11 222/10 222/11 222/10
218/04 218/06 218/08 218/10 218/12 218/14 218/16 218/18 <b>220/00</b>	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms; Derivatives thereof [2]</li> <li>of unit acids; Metals salts or ammonium salts thereof [2]</li> <li>of unit acid; Metal cardic, Metal salts or</li> </ul>	222/00 222/00 222/00 222/00 222/00 222/10 222/10 222/11 222/11 222/11 222/11 222/11 222/12 222/20
218/04 218/06 218/08 218/10 218/12 218/14 218/16 218/18 <b>220/00</b> 220/02 220/02 220/04 220/06	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>To polycarboxylic acids [2]</li> <li>of monocarboxylic acids [2]</li> <li>of polycarboxylic acids [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>Diallyl phthalate [2]</li> </ul> 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 a salt, anhydride, ester, amide, imide, or nitrile thereof [2] <ul> <li>Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2]</li> <li>Acids; Metals salts or ammonium salts thereof [2]</li> <li>Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2]</li> </ul>	222/00 222/00 222/00 222/00 222/10 222/10 222/11 222/11 222/11 222/11 222/12 222/20 222/20 222/22 222/22
218/04 218/06 218/08 218/10 218/12 218/14 218/16 218/18 220/00 220/02 220/02	<ul> <li>carboxylic acid, of carbonic acid, or of a haloformic acid [2]</li> <li>Esters of monocarboxylic acids [2]</li> <li>Vinyl esters [2]</li> <li>Vinyl formate [2]</li> <li>Vinyl acetate [2]</li> <li>of monocarboxylic acids containing three or more carbon atoms [2]</li> <li>with unsaturated alcohols containing three or more carbon atoms [2]</li> <li>Esters of polycarboxylic acids [2]</li> <li>with alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms [2]</li> <li>of unit alcohols containing three or more carbon atoms; Derivatives thereof [2]</li> <li>of unit acids; Metals salts or ammonium salts thereof [2]</li> <li>of unit acid; Metal cardic, Metal salts or</li> </ul>	222/00 222/00 222/00 222/00 222/10 222/10 222/11 222/11 222/11 222/12 222/20 222/20 222/20 222/20 222/20

220/12	• • • of monohydric alcohols or phenols [2]
220/14	• • • • Methyl esters [2]
220/16	• • • of phenols or of alcohols containing two or
	more carbon atoms [2]
220/18	• • • • with acrylic or methacrylic acids <b>[2]</b>
220/20	• • • of polyhydric alcohols or phenols <b>[2]</b>
220/22	• • Esters containing halogen [2]
220/24	• • • containing perhaloalkyl radicals <b>[2]</b>
220/26	• • Esters containing oxygen in addition to the carboxy oxygen [2]
220/28	• • • • containing no aromatic rings in the alcohol moiety <b>[2]</b>
220/30	• • • • containing aromatic rings in the alcohol moiety <b>[2]</b>
220/32	• • • • containing epoxy radicals [2]
220/34	• • • Esters containing nitrogen [2]
220/36	• • • • containing oxygen in addition to the carboxy oxygen [2]
220/38	• • • Esters containing sulfur [2]
220/40	• • • Esters of unsaturated alcohols [2]
220/42	• • Nitriles [2]
220/44	• • • Acrylonitrile [2]
220/46	• • • with carboxylic acids, sulfonic acids or salts thereof [2]
220/48	• • • • with nitrogen-containing monomers [2]
220/50	• • • containing four or more carbon atoms [2]
220/52	Amides or imides [2]
220/54	• • • Amides [2]
220/56	• • • • Acrylamide; Methacrylamide [2]
220/58	• • • • containing oxygen in addition to the carbonamido oxygen [2]
220/60	• • • • containing nitrogen in addition to the carbonamido nitrogen <b>[2]</b>
220/62	• Monocarboxylic acids having ten or more carbon atoms; Derivatives thereof <b>[2]</b>
220/64	• • Acids; Metal salts or ammonium salts thereof [2]
220/66	Anhydrides [2]
220/68	• • Esters [2]
220/70	• • Nitriles; Amides; Imides [2]
222/00	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; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]
222/02	Acids; Metal salts or ammonium salts thereof [2]
222/04	• Anhydrides, e.g. cyclic anhydrides [2]
222/06	• • Maleic anhydride [2]
222/08	• • • with vinyl aromatic monomers <b>[2]</b>
222/10	• Esters [2]
222/12	• • of phenols or saturated alcohols [2]
222/14	• • Esters having no free carboxylic acid groups [2]
222/16	• • Esters having free carboxylic acid groups [2]
222/18	• • Esters containing halogen [2]
222/20	• • Esters containing oxygen in addition to the carboxy oxygen [2]
222/22	• • Esters containing nitrogen [2]
222/24	• • Esters containing sulfur [2]
222/26	• • of unsaturated alcohols [2]
222/28	• • Diallyl maleate [2]
222/30	• Nitriles [2]
222/32	• • Alpha-cyano-acrylic acid; Esters thereof [2]
222/34	Vinvlidene cvanide [2]

222/34 • Vinylidene cyanide [2]

222/36	Amides or imides [2]
222/38	• • Amides [2]
222/40	• • Imides, e.g. cyclic imides [2]
224/00	<b>Copolymers of compounds having one or more</b> <b>unsaturated aliphatic radicals, each having only one</b> <b>carbon-to-carbon double bond, and at least one</b> <b>being terminated by a heterocyclic ring containing</b> <b>oxygen</b> (cyclic esters of polyfunctional acids C08F 218/00; cyclic anhydrides of unsaturated acids C08F 220/00, C08F 222/00) [2]
226/00	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 [2]
226/02	• by a single or double bond to nitrogen <b>[2]</b>
226/04	• • Diallylamine [2]
226/06	• by a heterocyclic ring containing nitrogen <b>[2]</b>
226/08	• • N-Vinyl-pyrrolidine [2]
226/10	• • N-Vinyl-pyrrolidone [2]
226/12	• • N-Vinyl-carbazole [2]
228/00	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 [2]
228/02	• by a bond to sulfur [2]
228/04	• • Thioethers [2]
228/06	• by a heterocyclic ring containing sulfur <b>[2]</b>
230/00	<b>Copolymers of compounds having one or more</b> <b>unsaturated aliphatic radicals, each having only one</b> <b>carbon-to-carbon double bond, and containing</b> <b>phosphorus, selenium, tellurium, or a metal</b> (metal salts, e.g. phenolates or alcoholates, <u>see</u> the parent compounds) [2]
230/02	<ul> <li>containing phosphorus [2]</li> </ul>
230/04	<ul> <li>containing a metal [2]</li> </ul>
230/06	<ul> <li>containing boron [2]</li> </ul>
230/08	containing silicon [2]
230/10	• • containing germanium [2]
232/00	Copolymers of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and having one or more carbon-to-carbon double bonds in a carbocyclic ring system [2]
232/02	<ul> <li>having no condensed rings [2]</li> </ul>
232/04	• • having one carbon-to-carbon double bond [2]
232/06	<ul> <li>having two or more carbon-to-carbon double bonds [2]</li> </ul>
232/08	<ul> <li>having condensed rings [2]</li> </ul>
234/00	<b>Copolymers of cyclic compounds having no</b> <b>unsaturated aliphatic radicals in a side chain and</b> <b>having one or more carbon-to-carbon double bonds</b> <b>in a heterocyclic ring</b> (cyclic esters of polyfunctional acids C08F 218/00; cyclic anhydrides or imides C08F 222/00) [2]
234/02	• in a ring containing oxygen <b>[2]</b>
234/04	• in a ring containing sulfur <b>[2]</b>
236/00	<b>Copolymers of compounds having one or more</b> <b>unsaturated aliphatic radicals, at least one having</b> <b>two or more carbon-to-carbon double bonds</b> (C08F 232/00 takes precedence) <b>[2]</b>

236/02	<ul> <li>the radical having only two carbon-to-carbon double bonds [2]</li> </ul>
236/04	<ul> <li>• conjugated [2]</li> </ul>
236/04	• • • Butadiene [2]
236/08	• • • Isoprene [2]
$\frac{236}{10}$	<ul> <li>• • with vinyl aromatic monomers [2]</li> </ul>
$\frac{236}{12}$	• • • with nitriles [2]
236/14	• • • containing elements other than carbon and
	hydrogen [2]
236/16	• • • • containing halogen [2]
236/18	• • • • containing chlorine <b>[2]</b>
236/20	• • unconjugated [2]
236/22	• the radical having three or more carbon-to-carbon
	double bonds [2]
238/00	Copolymers of compounds having one or more
	carbon-to-carbon triple bonds [2]
238/02	Acetylene [2]
238/04	Vinylacetylene [2]
240/00	Copolymers of hydrocarbons and mineral oils, e.g. petroleum resins [2]
242/00	Copolymers of drying-oils with other monomers [2]
244/00	Coumarone-indene copolymers [2]
246/00	Copolymers in which the nature of only the monomers in minority is defined [2]
<u>Graft po</u> monome	lymers; Polymers crosslinked with unsaturated rs [2]
251/00	Macromolecular compounds obtained by
251/00	Macromolecular compounds obtained by polymerising monomers on to polysaccharides or derivatives thereof [2]
<b>251/00</b> 251/02	polymerising monomers on to polysaccharides or
	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or</li> </ul>
251/02	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by</li> </ul>
251/02	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of</li> </ul>
251/02 253/00 255/00	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> </ul>
251/02 <b>253/00</b>	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene-diene terpolymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 255/10	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 255/10	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>Macromolecular compounds obtained by</li> <li>polymerising monomers on to polymers of aromatic monomers as defined in group C08F 12/00 [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 257/00 257/02	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene-diene terpolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of aromatic monomers as defined in group C08F 12/00 [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 257/00 257/02	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene-diene terpolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of halogen containing monomers as defined in group</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 257/00 257/02 259/00	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of halogen containing monomers as defined in group C08F 14/00 [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 255/10 257/00 257/02 259/00	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene-diene terpolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>on to polymers on to polymers of halogen containing monomers as defined in group C08F 14/00 [2]</li> <li>on to polymers containing chlorine [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 257/00 257/02 259/00 259/00	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> <li>on to butene polymers [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>on to polymers on to polymers of halogen containing monomers as defined in group C08F 12/00 [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> </ul>
251/02 253/00 255/00 255/02 255/04 255/06 255/08 255/10 255/10 257/00 257/02 259/00	<ul> <li>polymerising monomers on to polysaccharides or derivatives thereof [2]</li> <li>on to cellulose or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to natural rubbers or derivatives thereof [2]</li> <li>Macromolecular compounds obtained by polymerising monomers on to polymers of hydrocarbons as defined in group C08F 10/00 [2]</li> <li>on to polymers of olefins having two or three carbon atoms [2]</li> <li>on to ethene-propene copolymers [2]</li> <li>on to ethene-propene-diene terpolymers [2]</li> <li>on to polymers of olefins having four or more carbon atoms [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to buttene polymers [2]</li> <li>on to polymers of styrene or alkyl-substituted styrenes [2]</li> <li>on to polymers on to polymers of halogen containing monomers as defined in group C08F 14/00 [2]</li> <li>on to polymers containing chlorine [2]</li> </ul>

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203/00       Macromolecular compounds obtained by polymerising monomers on to polymers of sector polymers of vinyl esters with monocarboxylic acids [2]       279/06       · Vinyl aromatic monomers and methacrylates as the only monomers [2]         263/02       • on to polymers of vinyl esters with monocarboxylic acids [2]       281/00       Macromolecular compounds obtained by polymerising monomers on to polymers of monomers on to polymers of monom having carbon-to-carbon triple bonds as defined in group C08F 28/00 [2]         263/08       • Polymerising monomers on to polymers of monomers on to polymers of acids [2]       283/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated monocarboxylic acids or derivatives thereof as defined in group C08F 20/00 [2]       283/00       • on to polymers of no to polymers of acids, salts or anhydrides [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/06       • on to polymers hereof [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/06       • on to polymers of polyacitals [2]         265/04       • on to polymers of anides or imides [2]       283/10       • on to polymers of polyacitals [2]         265/04       • on to polymers of anides or imides [2]       283/10       • on to polymers of polyacitals [2]         267/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated polycarboxylic acids or derivatives thereof as defined in group C08F 22/00 [2]         267/02	261/00	Macromolecular compounds obtained by polymerising monomers on to polymers of oxygen- containing monomers as defined in group C08F 16/00 [2]	277/00	Macromolecular compounds obtained by polymerising monomers on to polymers of carbocyclic or heterocyclic monomers as defined respectively in group C08F 32/00 or in group
261/06       • on to polymers of unsaturated elsers [2]       279/00       Macromolecular compounds obtained by polymersing monomers on to polymers of monon having two or more carbon-to-carbon double bom as defined in group CQBF 13600 [2]         261/08       • on to polymers of unsaturated actels [2]       279/04       • on to polymers of conjugated dienes [2]         261/09       Macromolecular compounds obtained by polymersing monomers on to polymers of esters of unsaturated actels as defined in group CQBF 13600 [2]       279/04       • on to polymers of conjugated dienes [2]         263/00       Macromolecular compounds obtained by polymersing monomers and methacrylates as the on monomers [2]       • Vinyl aromatic monomers and methacrylates as the on monomers [2]         263/04       • on to polymers of vinyl actate [2]       279/04       • Vinyl aromatic monomers and methacrylates as the on monomers [2]         263/04       • on to polymers of vinyl actate [2]       279/04       • Vinyl aromatic monomers and methacrylates as the only monomers on to polymers of monon having carbon-to-carbon theored in stockase CQBG [2]         263/04       • on to polymers of unsaturated by elong as defined in group CQBF 24000 [2]       281/04       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated polycarboxylic acids or derivatives thereof a defined in group CQBF 24000 [2]       281/04       • on to polymers of unsaturated by elong as defined in subclase CQBG [2]       • on to polymers or acids is also ramby drides [2]       • on to polymers or addies as defined in group CQBF 24000 [2] </td <td>261/02</td> <td></td> <td></td> <td>C08F 34/00 [2]</td>	261/02			C08F 34/00 [2]
<ul> <li>201/00 • On to polymers of unsaturated delydes [2]</li> <li>261/02 • On to polymers of unsaturated delydes [2]</li> <li>261/12 • On to polymers of unsaturated actels or ketals [2]</li> <li>263/00 Macromolecular compounds obtained by polymersing monomers on to polymers of esters of unsaturated alcohols with saturated actels as defined in group COBF 1200 [2]</li> <li>263/00 • On to polymers of vinyl esters with monocarboxylic acids [2]</li> <li>263/00 • On to polymers of vinyl acteate [2]</li> <li>263/00 • On to polymers of vinyl esters with monocarboxylic acids [2]</li> <li>263/00 • On to polymers of esters with monocarboxylic acids [2]</li> <li>263/00 • On to polymers of vinyl acteate [2]</li> <li>263/00 • Polymers of esters with polycarboxylic acids [2]</li> <li>263/00 • Polymers of delymers of vinyl acteate [2]</li> <li>263/00 • Polymers is [2]</li> <li>263/00 • Polymers of delymers of unsutared actels as defined in group COBF 2400 [2]</li> <li>263/00 • Polymers is a compounds obtained by polymerising monomers on to polymers of unsutared actels or derivatives thereof as defined in group COBF 2000 [2]</li> <li>265/00 • On to polymers of acids, salts or anhydrides [2]</li> <li>265/01 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/02 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/04 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/04 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/04 • on to polymers of acids or derivatives thereof as defined in group COBF 2200 [2]</li> <li>265/04 • on to polymers of acids or as inices [2]</li> <li>265/04 • on to polymers of acids or derivatives thereof as defined in group COBF 2200 [2]</li> <li>265/04 • on to polymers of acids or as inices [2]</li> <li>265/04 • on to polymers of acids or as inices [2]</li> <li>265/04 • on to polymers of acids or asils [2]</li> <li>265/06 • on to polymers of acids or asi</li></ul>	261/04		270/00	Macromolecular compounds obtained by
<ul> <li>261/08</li> <li>on to polymers of unsaturated adelydes [2]</li> <li>261/10</li> <li>on to polymers of unsaturated acteals or ketals [2]</li> <li>261/10</li> <li>on to polymers of unsaturated acteals or ketals [2]</li> <li>279/02</li> <li>on to polymers of admitted acteals or ketals [2]</li> <li>279/04</li> <li>on to polymers of admitted acteals or ketals [2]</li> <li>263/00</li> <li>Macromolecular compounds obtained by polymers of exters with monocarboxylic acids [2]</li> <li>263/02</li> <li>on to polymers of vinyl exters with monocarboxylic acids [2]</li> <li>263/04</li> <li>on to polymers of vinyl exterts [2]</li> <li>263/06</li> <li>on to polymers of exters with polycarboxylic acids [2]</li> <li>263/07</li> <li>on to polymers of exters with polycarboxylic acids [2]</li> <li>263/08</li> <li>Polymerising monomers on to polymers of computed sobtained by prepolymers [2]</li> <li>265/00</li> <li>Acromolecular compounds obtained by polymerising monomers on to polymers provided in subclass C08G [4]</li> <li>on to polymers of acids, sits or anhydrides [2]</li> <li>265/02</li> <li>on to polymers of exters [2]</li> <li>265/04</li> <li>on to poly</li></ul>	261/06	<ul> <li>on to polymers of unsaturated ethers [2]</li> </ul>	279700	
261/10       • on to polymers of unsaturated actals or ketals [2]       as defined in group COBE 36:00 [2]         263/00       Macromolecular compounds obtained by polymersing monomers on to polymers of esters of unsaturated actals as defined in group COBE 18:00 [2]       279/02       • on to polymers of vinyl esters with monocarboxylic acids [2]       279/02       • On to polymers of vinyl esters with monocarboxylic acids [2]         263/02       • on to polymers of vinyl esters with monocarboxylic acids [2]       281/00       Macromolecular compounds obtained by polymerising monomers on to polymers of monom having carbon-to-carbon triple bonds as defined in group COBE 78:000 [2]         263/04       • on to polymers of vinyl acetate [2]       281/00       Macromolecular compounds obtained by polymerising monomers on to polymers of monom having carbon-to-carbon triple bonds as defined in group COBE 78:000 [2]         263/08       • Polymerisation of dailyl phthalate prepolymers [2]       283/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated monocarboxylic acids or derivatives there as defined in group COBE 78:000 [2]       • on to polycarbonates or saturated polyesters [2]         265/02       • on to polymers of acids, salts or anhydrides [2]       283/04       • on to polycarbonates or saturated polyesters [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/04       • on to polymers of acids, salts or anhydrides [2]         265/04       • on to polymers of anides or imides [2]       283/04	261/08	<ul> <li>on to polymers of unsaturated aldehydes [2]</li> </ul>		
251/12       • on to polymers of unsaturated actells or ketals [2]       279/02       • on to polymers of conjugated dienes [2]         263/00       Macromolecular compounds obtained by       279/02       • Vinyl aromatic monomers and nitriles as the on monomers [2]         263/00       • on to polymers of vinyl exters vith monocarboxylic acids [2]       281/00       • Vinyl aromatic monomers and methacrylates as the only monomers [2]         263/02       • on to polymers of vinyl acteta [2]       281/00       Macromolecular compounds obtained by polymersing monomers on to polymers of monom having carbon-to-carbon triple bonds as defined in group C08F 28/00 [2]         263/08       • Delymersistion of diallyl phthalate prepolymers [2]       283/00       Macromolecular compounds obtained by polymersing monomers on to polymers provided in subclass C08G [4]         265/08       • Delymersistic or divides 20/00 [2]       283/01       • on to polymers provided in subclass C08G [4]         265/02       • on to polymers of acids, salts or anhydrides [2]       283/02       • on to polymers or asurated polyesters [2]         265/02       • on to polymers of acids, salts or anhydrides [2]       283/01       • on to polymers or polyesters and polyesters [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/04       • on to polymers or anides or inides [2]         265/04       • on to polymers of acids or asits [2]       283/14       • on to polymers or anides or ini	261/10	<ul> <li>on to polymers of unsaturated ketones [2]</li> </ul>		
203/00       Macromolecular compounds obtained by polymerising monomers on to polymers of sector polymers of vinyl esters with monocarboxylic acids [2]       279/06       · Vinyl aromatic monomers and methacrylates as the only monomers [2]         263/02       • on to polymers of vinyl esters with monocarboxylic acids [2]       281/00       Macromolecular compounds obtained by polymerising monomers on to polymers of monomers on to polymers of monom having carbon-to-carbon triple bonds as defined in group C08F 28/00 [2]         263/08       • Polymerising monomers on to polymers of monomers on to polymers of acids [2]       283/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated monocarboxylic acids or derivatives thereof as defined in group C08F 20/00 [2]       283/00       • on to polymers of no to polymers of acids, salts or anhydrides [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/06       • on to polymers hereof [2]         265/04       • on to polymers of acids, salts or anhydrides [2]       283/06       • on to polymers of polyacitals [2]         265/04       • on to polymers of anides or imides [2]       283/10       • on to polymers of polyacitals [2]         265/04       • on to polymers of anides or imides [2]       283/10       • on to polymers of polyacitals [2]         267/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated polycarboxylic acids or derivatives thereof as defined in group C08F 22/00 [2]         267/02	261/12	<ul> <li>on to polymers of unsaturated acetals or ketals [2]</li> </ul>	279/02	<ul> <li>on to polymers of conjugated dienes [2]</li> </ul>
polymerising monomers on to polymers of esters of in group C08F 18/00 [2]       279/06       Vinyl aromatic monomers and methacrylates as the only monomers [2]         263/02       • on to polymers of vinyl esters with monocarboxylic acids [2]       281/00       Macromolecular compounds obtained by polymerising monomers on to polymers of vinyl acetate [2]         263/04       • on to polymers of vinyl esters with polycarboxylic acids [2]       281/00       Macromolecular compounds obtained by prepolymerising monomers on to polymers of unsturated polycetrs [2]         263/08       • Polymeristino of diallyl phthalate prepolymers [2]       283/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unsturated monocarboxylic acids or derivatives thereof as defined in group C08F 2000 [2]       283/01       • on to polycarbonates or saturated polyesters [4]         265/02       • on to polymers of acids, salts or anhytidies [2]       283/06       • on to polycarbonatides, polycesteramides or polycarbonatides, polycesteramides or polyacetals [2]       • on to polymers of esters [2]         265/06       • On to polymers of acids, salts or anhytidies [2]       283/06       • on to polymers ontaining more than one epoxy radical per molecule [2]         265/07       • on to polymers of acids or derivatives thereof as defined in group C08F 22000 [2]       283/14       • on to polymers on taining more far adical per molecule [2]         267/00       Macromolecular compounds obtained by polymerising monomers on to polymers of unot polymers of acids or asils [2]       <	263/00	Macromolecular compounds obtained by	279/04	• • Vinyl aromatic monomers and nitriles as the only
<ul> <li>263/02</li> <li>In to polymers of vinyl esters with monocarboxylic acids [2]</li> <li>In to polymers of vinyl acetate [2]</li> <li>In to polymers of esters with polycarboxylic acids [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids, salts or anhydrides [2]</li> <li>In to polymers of acids a cerviatives on to polymers of anides or inides [2]</li> <li>In to polymers of acids acids or derivatives thereof as defined in group COBF 22/00 [2]</li> <li>In to polymers of anidides or inides [2]</li> <li>In to polymers of anidides [2]</li> <li>In to polymers of anindides [2]</li> <li>In to polymers of anidides [2]</li></ul>		polymerising monomers on to polymers of esters of unsaturated alcohols with saturated acids as defined	279/06	• • Vinyl aromatic monomers and methacrylates as
<ul> <li>263/04 • • on to polymers of vinyl acetate [2]</li> <li>263/06 • on to polymers of esters with polycarboxylic acids [2]</li> <li>263/08 • • Polymerisation of diallyl phhalate prepolymers [2]</li> <li>263/08 • • Polymerisation of diallyl phhalate prepolymers [2]</li> <li>265/00 Macromolecular compounds obtained by polymers of acids, salts or anhydrides [2]</li> <li>265/04 • on to polymers of esters [2]</li> <li>265/06 • • Polymerisation of acrylate or methacrylate esters on to polymers of nitriles [2]</li> <li>265/07 • on to polymers of esters [2]</li> <li>265/08 • on to polymers of nitriles [2]</li> <li>265/09 Macromolecular compounds obtained by polymerising monomers on to polymers of anides or imides [2]</li> <li>265/08 • on to polymers of anides or imides [2]</li> <li>265/09 • on to polymers of anides or imides [2]</li> <li>265/00 Macromolecular compounds obtained by polymerising monomers on to polymers of mides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of acids or alticles [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of acids or altics [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of acids or altics [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of acids or altics [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of acids or altics [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymers ing monomers</li></ul>	263/02	• on to polymers of vinyl esters with monocarboxylic	281/00	
<ul> <li>263/06 • on to polymers of esters with polycarboxylic acids [2]</li> <li>263/08 • Polymerisation of diallyl phthalate prepolymers [2]</li> <li>265/00 Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated monocarboxylic acids or derivatives thereof as defined in group C08F 20/00 [2]</li> <li>265/02 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/03 • on to polymers of esters [2]</li> <li>265/04 • on to polymers of acids, salts or anhydrides [2]</li> <li>265/05 • Polymerisation of acrylate or methacrylate esters on to polymers of anides or initides [2]</li> <li>265/06 • on to polymers of anides or initides [2]</li> <li>265/07 • on to polymers of anides or initides [2]</li> <li>265/08 • on to polymers of anides or initides [2]</li> <li>265/09 • on to polymers of anides or initides [2]</li> <li>267/00 Macromolecular compounds obtained by polymerising monomers on to polymers of anides or initides [2]</li> <li>267/04 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of acids or salts [2]</li> <li>267/07 • on to polymers of anides or initides [2]</li> <li>267/08 • on to polymers of acids or salts [2]</li> <li>267/09 • on to polymers of acids or salts [2]</li> <li>267/00 • on to polymers of acids or salts [2]</li> <li>267/00 • on to polymers of acids or salts [2]</li> <li>267/00 • on to polymers of anides or initides [2]</li> <li>267/00 • on to polymers of anides or initides [2]</li> <li>267/00 • on to polymers of animides [2]</li> <li>267/00 • on to polymers of animides or initides [2]</li> <li>267/00 • on to polymers of animides [2]</li> <li>267/00 • on to polymers of animides or initides [2]</li> <li>267/00 • on to polymers of animides or initides [2]</li> <li>267/00 • on to polymers of animides or initides [2]</li> <li>267/00 • on to polymers of animides or initides [2]</li> <li>267/00 • on to polymers of animides or inindes [</li></ul>	263/04			
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<ul> <li>on to polymers thereof [2]</li> <li>265/08 • on to polymers of nitriles [2]</li> <li>265/10 • on to polymers of anides or imides [2]</li> <li>265/10 • on to polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymerising monomers on to polymers of anides or derivatives thereof as defined in group C08F 22/00 [2]</li> <li>267/02 • on to polymers of anides [2]</li> <li>267/04 • on to polymers of anides [2]</li> <li>267/06 • on to polymers of anides [2]</li> <li>267/08 • on to polymers of anides or imides [2]</li> <li>267/08 • on to polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymerising monomers on to polymers of anides or imides [2]</li> <li>267/00 • on to polymers of anides or imides [2]</li> <li>267/00 • on to polymers of anides or imides [2]</li> <li>267/00 • on to polymers of anides or imides [2]</li> <li>267/00 Macromolecular compounds obtained by polymerising monomers on to polymers of anides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 251/0 (2)</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to p</li></ul>			202/00	
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<ul> <li>267/00 Macromolecular compounds obtained by polymers of a defined in group C08F 22/00 [2]</li> <li>267/02 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of anhydrides [2]</li> <li>267/06 • on to polymers of sters [2]</li> <li>267/08 • on to polymers of anides or imides [2]</li> <li>267/10 • on to polymers of anides or imides [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymers of a macromolecular compounds obtained by polymers ing monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymers of not polymers of polymers of polymers of polymers of polymers of not polymers of not polymers of not polymers of polymers on to polymers of polymers of polymers of polymers of polymers of not polymers of polymers of polymers of polymers on to polymers of polymers of not polymers on to polymers of not polymers of not polymers of polymers of polymers on to polymers of polymers on to polymers of not polymers of polymers on to polymers of polymers on to polymers of polymers po</li></ul>				-
<ul> <li>267/00 Macromolecular compounds obtained by polymerising monomers on to polymers of unsaturated polycarboxylic acids or derivatives thereof as defined in group C08F 22/00 [2]</li> <li>267/02 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of anhydrides [2]</li> <li>267/06 • on to polymers of esters [2]</li> <li>267/08 • on to polymers of nitriles [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic coxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers on to polymers of nitrogen-containing monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	265/10	<ul> <li>on to polymers of amides or imides [2]</li> </ul>		
<ul> <li>267/02 • on to polymers of acids or salts [2]</li> <li>267/04 • on to polymers of anhydrides [2]</li> <li>267/06 • on to polymers of esters [2]</li> <li>267/08 • on to polymers of nitriles [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	267/00	polymerising monomers on to polymers of unsaturated polycarboxylic acids or derivatives	283/14	polymerisation of carbocyclic compounds having one or more carbon-to-carbon double bonds in the
<ul> <li>267/04 • on to polymers of anhydrides [2]</li> <li>267/06 • on to polymers of esters [2]</li> <li>267/08 • on to polymers of nitriles [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>290/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	267/02	• on to polymers of acids or salts [2]	285/00	Macromolecular compounds obtained by
<ul> <li>267/08 • on to polymers of nitriles [2]</li> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	267/04	• on to polymers of anhydrides [2]		
<ul> <li>267/10 • on to polymers of amides or imides [2]</li> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	267/06	• on to polymers of esters [2]		
<ul> <li>269/00 Macromolecular compounds obtained by polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen-containing monomers as defined in group C08F 26/00 [2]</li> </ul>	267/08	• on to polymers of nitriles [2]		
<ul> <li>polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined in group C08F 24/00 [2]</li> <li>271/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen- containing monomers as defined in group C08F 26/00 [2]</li> <li>289/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen- containing monomers as defined in group C08F 26/00 [2]</li> <li>290/00 Macromolecular compounds obtained by polymerising monomers on to polymers of nitrogen- containing monomers as defined in group</li> </ul>	267/10	• on to polymers of amides or imides [2]	287/00	
polymerising monomers on to polymers of nitrogen- containing monomers as defined in group C08F 26/00 [2] 290/00 Macromolecular compounds obtained by polymerising monomers on to polymers modified introduction of aliphatic unsaturated end or side	269/00	polymerising monomers on to polymers of heterocyclic oxygen-containing monomers as defined	289/00	polymerising monomers on to macromolecular compounds not provided for in groups C08F 251/00-
	271/00	polymerising monomers on to polymers of nitrogen-	290/00	polymerising monomers on to polymers modified by introduction of aliphatic unsaturated end or side
271/02 • on to polymers of monomers containing heterocyclic nitrogen [2] groups [6] 290/02 • on to polymers modified by introduction of	271/02		290/02	<b>U</b>
nitrogen [2] 250702 on to polymetrs mounted by introduction of unsaturated end groups [6]				
273/00Macromolecular compounds obtained by polymerising monomers on to polymers of sulfur-290/04• Polymers provided for in subclasses C08C or C08F [6]	273/00		290/04	
containing monomers as defined in group 290/06 • • Polymers provided for in subclass C08G [6]			290/06	
C08F 28/00 [2]       290/08       • on to polymers modified by introduction of unsaturated side groups [6]				<ul> <li>on to polymers modified by introduction of</li> </ul>
<b>275/00</b> Macromolecular compounds obtained by 290/10 • Polymers provided for in subclass C08B [6]	275/00	Macromolecular compounds obtained by	290/10	
polymerising monomers on to polymers of monomers containing phosphorus selenium tellurium or a		polymerising monomers on to polymers of monomers		• • Polymers provided for in subclasses C08C or
metal as defined in group C08F 30/00 [2] 290/14 • Polymers provided for in subclass C08G [6]			290/14	

291/00	Macromolecular compounds obtained by polymerising monomers on to macromolecular compounds according to more than one of the groups C08F 251/00-C08F 289/00 [2]	295/00	Macromolecular compounds obtained by polymerisation using successively different catalyst types without deactivating the intermediate polymer [2]
291/02 291/04 291/06 291/08 291/10 291/10 291/12 291/14 291/16	<ul> <li>on to elastomers [2]</li> <li>on to halogen-containing macromolecules [2]</li> <li>on to oxygen-containing macromolecules [2]</li> <li>on to macromolecules containing hydroxy radicals [2]</li> <li>on to macromolecules containing epoxy radicals [2]</li> <li>on to nitrogen-containing macromolecules [2]</li> <li>on to sulfur-containing macromolecules [2]</li> <li>on to macromolecules containing more than two</li> </ul>	297/00 297/02 297/04 297/06 297/08	<ul> <li>Macromolecular compounds obtained by successively polymerising different monomer systems using a catalyst of the ionic or coordination type without deactivating the intermediate polymer [2]</li> <li>using a catalyst of the anionic type [2]</li> <li>polymerising vinyl aromatic monomers and conjugated dienes [2]</li> <li>using a catalyst of the coordination type [2]</li> <li>polymerising mono-olefins [2]</li> </ul>
291/18 <b>292/00</b>	<ul> <li>metal atoms [2]</li> <li>on to irradiated or oxidised macromolecules (epoxidised C08F 291/10) [2]</li> <li>Macromolecular compounds obtained by</li> </ul>	299/00	Macromolecular compounds obtained by interreacting polymers involving only carbon-to- carbon unsaturated bond reactions, in the absence of
<u>Block po</u>	polymerising monomers on to inorganic materials [3] lymers [2]	299/02 299/04 299/06	<ul> <li>non-macromolecular monomers [2, 6]</li> <li>from unsaturated polycondensates [2]</li> <li>from polyesters [2]</li> <li>from polyurethanes [2]</li> </ul>
293/00	Macromolecular compounds obtained by polymerisation on to a macromolecule having groups capable of inducing the formation of new polymer chains bound exclusively at one or both ends of the starting macromolecule (on to polymers modified by introduction of unsaturated end groups C08F 290/02) [2]	299/08 <b>301/00</b>	<ul> <li>from polysiloxanes [2]</li> <li>Macromolecular compounds not provided for in groups C08F 10/00-C08F 299/00 [2006.01]</li> </ul>

C08G MACROMOLECULAR COMPOUNDS OBTAINED OTHERWISE THAN BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS (fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture C12P) [2]

## <u>Note(s)</u>

- 1. Therapeutic activity of compounds is further classified in subclass A61P.
- 2. In this subclass, group C08G 18/00 takes precedence over the other groups. A further classification is given if the polymers are obtained by reactions forming specific linkages for which an appropriate group is provided.
- 3. Within each main group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.
- 4. This subclass <u>covers</u> also compositions based on monomers which form macromolecular compounds classifiable in this subclass. In this subclass:
  - a. if the monomers are defined, classification is made in groups C08G 2/00-C08G 79/00, C08G 83/00 according to the polymer to be formed;
  - b. if the monomers are defined in a way that a composition cannot be classified within one main group of this subclass, the composition is classified in group C08G 85/00;
  - c. if the compounding ingredients are of interest per se, classification is also made in subclass C08K.

#### Subclass index

MACROMOLECULAR COMPOUNDS OBTAINED FROM ALDEHYDES OR KETONES	)
Polyacetals	
MACROMOLECULAR COMPOUNDS OBTAINED FROM ISOCYANATES OR ISOTHIOCYANATES18/00	
EPOXY RESINS	
MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS FORMING A LINKAGE IN THE	
MAIN CHAIN	)()
a carbon-to-carbon link	
a linkage containing oxygen63/00-67/0	)()
a linkage containing nitrogen	)0
a linkage containing sulfur75/00	
a linkage containing silicon77/00	
a linkage containing atoms other than carbon, oxygen, nitrogen, sulfur, or silicon	
MACROMOLECULAR COMPOUNDS OBTAINED BY INTERREACTING POLYMERS IN THE	
ABSENCE OF MONOMERS	
OTHER MACROMOLECULAR COMPOUNDS	
GENERAL PROCESSES	

#### C08G

2/00	Addition polymers of aldehydes or cyclic oligomers thereof or of ketones; Addition copolymers thereof with less than 50 molar percent of other
	substances [2]
2/02	<ul> <li>Polymerisation initiated by wave energy or by particle radiation [2]</li> </ul>
2/04	<ul> <li>Polymerisation by using compounds which act upon the molecular weight, e.g. chain-transferring agents [2]</li> </ul>
2/06	Catalysts [2]
2/08	Polymerisation of formaldehyde [2]
2/10	<ul> <li>Polymerisation of cyclic oligomers of formaldehyde [2]</li> </ul>
2/12	<ul> <li>Polymerisation of acetaldehyde or cyclic oligomers thereof [2]</li> </ul>
2/14	<ul> <li>Polymerisation of single aldehydes not provided for in groups C08G 2/08-C08G 2/12 [2]</li> </ul>
2/16	Polymerisation of single ketones [2]
2/18	Copolymerisation of aldehydes or ketones [2]
2/20	• • with other aldehydes or ketones <b>[2]</b>
2/22	• • with epoxy compounds <b>[2]</b>
2/24	• • with acetals [2]
2/26	• • with compounds containing carbon-to-carbon unsaturation [2]
2/28	Post-polymerisation treatments [2]
2/30	Chemical modification by after-treatment [2]
2/32	• • by esterification [2]
2/34	• • by etherification [2]
2/36	• • by depolymerisation [2]
2/38	• Block or graft polymers prepared by polymerisation
	of aldehydes or ketones on to macromolecular compounds <b>[2]</b>
4/00	<b>Condensation polymers of aldehydes or ketones with polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O—</b> (of cyclic oligomers of aldehydes C08G 2/00) [2]
4/00 6/00	polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2] Condensation polymers of aldehydes or ketones
6/00	polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2] Condensation polymers of aldehydes or ketones only [2]
<b>6/00</b> 6/02	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> </ul>
6/00	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with</li> </ul>
<b>6/00</b> 6/02 <b>8/00</b>	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> </ul>
<b>6/00</b> 6/02	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with</li> </ul>
<b>6/00</b> 6/02 <b>8/00</b> 8/02	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> </ul>
<b>6/00</b> 6/02 <b>8/00</b> 8/02 8/04	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of aldehydes [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of aldehydes [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of aldehydes [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of aldehydes [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping —O—C—O— (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with halogenated phenols [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/14	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with halogenated phenols [2]</li> <li>• with amino- or nitrophenols [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>with phenol [2]</li> <li>with phenol [2]</li> <li>with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>with halogenated phenols [2]</li> <li>with amino- or nitrophenols [2]</li> <li>with phenols substituted by carboxylic or sulfonic acid groups [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18 8/20	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with halogenated phenols [2]</li> <li>• with phenols substituted by carboxylic or sulfonic acid groups [2]</li> <li>• with polyhydric phenols [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18 8/20 8/22	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of aldehydes [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with amino- or nitrophenols [2]</li> <li>• with phenols substituted by carboxylic or sulfonic acid groups [2]</li> <li>• with polyhydric phenols [2]</li> <li>• Resorcinol [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18 8/20	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of ketones [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with halogenated phenols [2]</li> <li>• with phenols substituted by carboxylic or sulfonic acid groups [2]</li> <li>• with polyhydric phenols [2]</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18 8/20 8/22	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of aldehydes [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with amino- or nitrophenols [2]</li> <li>• with phenols substituted by carboxylic or sulfonic acid groups [2]</li> <li>• with polyhydric phenols [2]</li> <li>• Mith mixtures of two or more phenols which are not covered by only one of the groups</li> </ul>
6/00 6/02 8/00 8/02 8/04 8/06 8/08 8/10 8/12 8/14 8/16 8/18 8/20 8/22 8/24	<ul> <li>polyalcohols; Addition polymers of heterocyclic oxygen compounds containing in the ring at least once the grouping -O-C-O- (of cyclic oligomers of aldehydes C08G 2/00) [2]</li> <li>Condensation polymers of aldehydes or ketones only [2]</li> <li>of aldehydes with ketones [2]</li> <li>Condensation polymers of aldehydes or ketones with phenols only [2]</li> <li>of aldehydes [2]</li> <li>of ketones [2]</li> <li>of furfural [2]</li> <li>of formaldehyde, e.g. of formaldehyde formed in situ [2]</li> <li>• with phenol [2]</li> <li>• with monohydric phenols having only one hydrocarbon substituent ortho or para to the OH group, e.g. p-tertbutyl phenol [2]</li> <li>• with halogenated phenols [2]</li> <li>• with phenols substituted by carboxylic or sulfonic acid groups [2]</li> <li>• with polyhydric phenols [2]</li> <li>• With mixtures of two or more phenols which are not covered by only one of the groups C08G 8/10-C08G 8/20 [2]</li> </ul>

	011S [ <b>Z</b> ]
8/34	• • by natural resins or resin acids, e.g. rosin [2]
8/36	• • by etherifying [2]
8/38	Block or graft polymers prepared by
	polycondensation of aldehydes or ketones on to
	macromolecular compounds [2]
10/00	Condensation polymers of aldehydes or ketones with
	aromatic hydrocarbons or halogenated aromatic
	hydrocarbons only [2]
10/02	<ul> <li>of aldehydes [2]</li> </ul>
10/04	<ul> <li>Chemically modified polycondensates [2]</li> </ul>
10/06	<ul> <li>Block or graft polymers prepared by</li> </ul>
	polycondensation of aldehydes or ketones on to
	macromolecular compounds [2]
12/00	Condensation polymers of aldehydes or ketones with
	only compounds containing hydrogen attached to
	nitrogen (amino phenols C08G 8/16) [2]
12/02	of aldehydes [2]
12/04	• • with acyclic or carbocyclic compounds [2]
12/06	• • • Amines <b>[2]</b>
12/08	• • • • aromatic <b>[2]</b>
12/10	• • • with acyclic compounds having the moiety
	$X=C(-N_1)_2$ in which X is O, S, or $-N$ [2]
12/12	• • • • Ureas; Thioureas [2]
12/14	• • • • Dicyandiamides; Dicyandiamidines;
	Guanidines; Biguanides; Biuret;
	Semicarbazides [2]
12/16	• • • • • Dicyandiamides [2]
12/18	• • • with cyanamide <b>[2]</b>
12/20	• • • with urethanes or thiourethanes [2]
12/22	• • • with carboxylic acid amides [2]
12/24	• • • with sulfonic acid amides [2]
12/26	• • with heterocyclic compounds [2]
12/28	• • • with substituted diazines, diazoles or
	triazoles [2]
12/30	• • • with substituted triazines [2]
12/32	• • • • Melamines [2]
12/34	• • • and acyclic or carbocyclic compounds [2]
12/36	• • • • Ureas; Thioureas [2]
12/38	• • • • • and melamines [2]
12/40	Chemically modified polycondensates [2]
12/42	• • • by etherifying [2]
12/44	• • • by esterifying [2]
12/46	<ul> <li>Block or graft polymers prepared by</li> </ul>
	polycondensation of aldehydes or ketones on to
	macromolecular compounds [2]
14/00	Condensation polymers of aldehydes or ketones with
17/UU	Somechouse polyments of didentydes of Actories Willi

by organic acids or derivatives thereof, e.g. fatty

- 14/00 Condensation polymers of aldehydes or ketones with two or more other monomers covered by at least two of the groups C08G 8/00-C08G 12/00 [2]
- 14/02• of aldehydes [2] • • with phenols [2] 14/04

8/32

• •

oils [2]

- • and monomers containing hydrogen attached to 14/06nitrogen [2] 14/067• • • • Acyclic or carbocyclic monomers [5] 14/073 • • • • • Amines [5]
- 14/08• • • • Ureas; Thioureas **[2, 5]** ٠
- 14/09 • • • • Heterocyclic monomers [5] 14/10• • • • • Melamines [2, 5]
- 14/12• • • Chemically modified polycondensates [2]
- Block or graft polymers prepared by 14/14polycondensation of aldehydes or ketones on to macromolecular compounds [2]

16/00	Condensation polymers of aldehydes or ketones with monomers not provided for in the groups C08G 4/00-C08G 14/00 [2]	18/62 18/63	Polymers of compounds having carbon-to- carbon double bonds [2]
16/02	• of aldehydes [2]	18/63	• • • Block or graft polymers obtained by polymerising compounds having carbon-to-
16/02	<ul> <li>• Chemically modified polycondensates [2]</li> </ul>		carbon double bonds on to polymers [2]
	<ul> <li>Block or graft polymers prepared by</li> </ul>	18/64	• • • • Macromolecular compounds not provided
16/06	polycondensation of aldehydes or ketones on to	10/04	for by groups C08G 18/42-C08G 18/63 [2]
	macromolecular compounds [2]	18/65	<ul> <li>Low-molecular-weight compounds having</li> </ul>
18/00	Polymeric products of isocyanates or	10/00	active hydrogen with high-molecular-weight compounds having active hydrogen [2]
	isothiocyanates [2] <u>Note(s)</u>	18/66	• • • • Compounds of groups C08G 18/42, C08G 18/48, or C08G 18/52 [2]
	In this group, it is desirable to add the indexing code of	18/67	• • • Unsaturated compounds having active hydrogen [2]
	group C08G 101/00.	18/68	• • • Unsaturated polyesters [2]
18/02	<ul> <li>of isocyanates or isothiocyanates only [2]</li> </ul>	18/69	<ul> <li>Polymers of conjugated dienes [2]</li> </ul>
18/04	<ul> <li>with vinyl compounds [2]</li> </ul>	18/70	<ul> <li>characterised by the isocyanates or isothiocyanates</li> </ul>
18/06	<ul> <li>with compounds having active hydrogen [2]</li> </ul>	10,70	used [2]
18/08	Processes [2]	18/71	• • • Monoisocyanates or monoisothiocyanates [2]
18/09	<ul> <li>comprising oligomerisation of isocyanates or</li> </ul>	18/72	• • • Polyisocyanates or polyisothiocyanates [2]
	isothiocyanates involving reaction of a part of	18/73	• • • • acyclic [2]
	the isocyanate or isothiocyanate groups with	18/74	• • • • cyclic [2]
10/10	each other in the reaction mixture <b>[7]</b>	18/75	• • • • • cycloaliphatic <b>[2]</b>
18/10	Prepolymer processes involving reaction of incompany or insthing reaction with compounds	18/76	• • • • • aromatic <b>[2]</b>
	isocyanates or isothiocyanates with compounds having active hydrogen in a first reaction step [2]	18/77	• • • having hetero atoms in addition to the isocyanate or isothiocyanate nitrogen and
18/12	• • • using two or more compounds having active		oxygen or sulfur [2]
	hydrogen in the first polymerisation step [2]	18/78	• • • • • Nitrogen <b>[2]</b>
18/16	• • • Catalysts [2]	18/79	• • • • • characterised by the polyisocyanates
18/18	• • • containing secondary or tertiary amines or salts thereof [2]		used, these having groups formed by oligomerisation of isocyanates or
18/20	• • • • • Heterocyclic amines; Salts thereof [2]	10/00	isothiocyanates [2]
18/22	• • • • containing metal compounds <b>[2]</b>	18/80	• • • Masked polyisocyanates [2]
18/24	• • • • • of tin [2]	18/81	• • Unsaturated isocyanates or isothiocyanates [2]
18/26	• • • • • of lead [2]	18/82	• • Post-polymerisation treatment [2]
18/28	<ul> <li>characterised by the compounds used containing</li> </ul>	18/83	Chemically modified polymers [2]
	active hydrogen [2]	18/84	• • • by aldehydes [2]
	Nota(c)	18/85	• • • by azo compounds [2]
	Note(s)	18/86	• • • by peroxides [2]
	For the purpose of this group, the addition of water for the preparation of cellular materials is not taken into	18/87 <b>59/00</b>	• • • by sulfur [2]
40.000	consideration.	59/00	Polycondensates containing more than one epoxy group per molecule; Macromolecules obtained by
18/30	• • Low-molecular-weight compounds <b>[2]</b>		reaction of epoxy polycondensates with
18/32	• • • Polyhydroxy compounds; Polyamines;		monofunctional low-molecular-weight compounds;
10/74	Hydroxy amines <b>[2]</b>		Macromolecules obtained by polymerising
18/34	• • • Carboxylic acids; Esters thereof with monohydroxyl compounds [2]		compounds containing more than one epoxy group
18/36	• • • • Hydroxylated esters of higher fatty acids [2]		per molecule using curing agents or catalysts which
18/38	• • • • having hetero atoms other than oxygen		react with the epoxy groups [2]
10/30	(C08G 18/32 takes precedence) [2]	59/02	Polycondensates containing more than one epoxy
18/40	<ul> <li>High-molecular-weight compounds [2]</li> </ul>	50 (0 4	group per molecule <b>[2]</b>
18/42	<ul> <li>Polycondensates having carboxylic or</li> </ul>	59/04	<ul> <li>of polyhydroxy compounds with epihalohydrins or programmer thereof [2]</li> </ul>
10/42	carbonic ester groups in the main chain [2]	50/00	precursors thereof <b>[2]</b>
18/44	• • • • • Polycarbonates [2]	59/06	• • • of polyhydric phenols [2]
18/46	• • • • having hetero atoms other than	59/08	• • • from phenol-aldehyde condensates [2]
	oxygen [2]	59/10	<ul> <li>of polyamines with epihalohydrins or precursors thereof [2]</li> </ul>
18/48	• • • Polyethers [2]	59/12	• • of polycarboxylic acids with epihalohydrins or
18/50	•••• having hetero atoms other than oxygen <b>[2]</b>	59/14	<ul><li>precursors thereof [2]</li><li>Polycondensates modified by chemical after-</li></ul>
18/52	• • • • Polythioethers [2]	55/14	treatment [2]
18/54	• • • • Polycondensates of aldehydes [2]	59/16	<ul> <li>• by monocarboxylic acids or by anhydrides, halides</li> </ul>
18/56	• • • • Polyacetals [2]	00/10	or low-molecular-weight esters thereof [2]
18/58	• • • • Epoxy resins <b>[2]</b>	59/17	<ul> <li>• • by acrylic or methacrylic acid [4]</li> </ul>
18/60	• • • • Polyamides or polyester-amides [2]		
18/61	• • • Polysiloxanes [2]		

# C08G

59/18	<ul> <li>Macromolecules obtained by polymerising compounds containing more than one epoxy group per molecule using curing agents or catalysts which react with the epoxy groups [2]</li> </ul>
59/20	• • characterised by the epoxy compounds used <b>[2]</b>
	<u>Note(s)</u>
	Preparation and curing of epoxy polycondensates, in which the epoxy polycondensate is not exclusively a low-molecular-weight compound and in which the method of curing is not important, are classified only in group C08G 59/02.
59/22	
	• • Di-epoxy compounds [2]
59/24	• • • • carbocyclic [2]
59/26	• • • heterocyclic [2]
59/28	• • • • containing acyclic nitrogen atoms [2]
59/30	• • • containing atoms other than carbon,
F0 / 22	hydrogen, oxygen, and nitrogen <b>[2]</b>
59/32	• • • Epoxy compounds containing three or more
F0/24	epoxy groups <b>[2]</b>
59/34	• • • • obtained by epoxidation of an unsaturated polymer <b>[2]</b>
59/36	• • • • together with mono-epoxy compounds [2]
59/38	• • • • together with di-epoxy compounds [2]
59/40	<ul> <li>characterised by the curing agents used [2]</li> </ul>
59/40	<ul> <li>Polycarboxylic acids; Anhydrides, halides, or</li> </ul>
59/42	low-molecular-weight esters thereof [2]
59/44	• • • Amides [2]
59/46	• • • • together with other curing agents [2]
59/48	• • • • • with polycarboxylic acids or with
55/40	anhydrides, halides, or low-molecular- weight esters thereof <b>[2]</b>
59/50	• • • Amines [2]
59/52	• • • • Amino carboxylic acids [2]
59/54	• • • • Amino amides [2]
59/56	• • • • together with other curing agents <b>[2]</b>
59/58	• • • • with polycarboxylic acids or with
	anhydrides, halides, or low-molecular- weight esters thereof [2]
59/60	• • • • • with amides <b>[2]</b>
59/62	• • • Alcohols or phenols [2]
59/64	• • • • Amino alcohols [2]
59/66	• • • Mercaptans [2]
59/68	• • characterised by the catalysts used [2]
59/70	• • • Chelates <b>[2]</b>
59/72	• • • Complexes of boron halides [2]
	<u>Note(s)</u>
	In groups C08G 61/00-C08G 79/00, in the absence of
	an indication to the contrary, macromolecular
	compounds obtained by reactions forming two different
	linkages in the main chain are classified only according to the linkage present in excess.
61/00	Macromolecular compounds obtained by reactions
	forming a carbon-to-carbon link in the main chain of
	the macromolecule (C08G 2/00-C08G 16/00 take
	precedence) [2]
61/02	Macromolecular compounds containing only carbon
	atoms in the main chain of the macromolecule, e.g.
	polyxylylenes [2]
61/04	• • only aliphatic carbon atoms [2]
61/06	• • • prepared by ring-opening of carbocyclic
	compounds [2]

61/08 • • • of carbocyclic compounds containing one or more carbon-to-carbon double bonds in the ring **[2]** 

- 61/10 only aromatic carbon atoms, e.g. polyphenylenes **[2]**
- 61/12 Macromolecular compounds containing atoms other than carbon in the main chain of the macromolecule [2]
- 63/00 Macromolecular compounds obtained by reactions forming a carboxylic ester link in the main chain of the macromolecule (polyester-amides C08G 69/44; polyester-imides C08G 73/16) [2, 5]

#### <u>Note(s)</u>

	Compounds characterised by the chemical constitution of the polyesters are classified in the groups for the type of polyester compound. Compounds characterised by
	the preparation process of the polyesters are classified
	in the groups for the process employed (groups C08G 63/78-C08G 63/87). Compounds characterised
	both by the chemical constitution and by the preparation
63/02	<ul><li>process are classified according to each of these aspects.</li><li>Polyesters derived from hydroxy carboxylic acids or</li></ul>
03/02	from polycarboxylic acids and polyhydroxy
	compounds [2]
63/06	• • derived from hydroxy carboxylic acids [2]
63/08	• • Lactones or lactides [2]
63/12	<ul> <li>derived from polycarboxylic acids and polybydroxy compounds [2]</li> </ul>
63/123	polyhydroxy compounds [2]
03/123	• • • the acids or hydroxy compounds containing carbocyclic rings <b>[5]</b>
63/127	• • • • Acids containing aromatic rings [5]
63/13	• • • • containing two or more aromatic rings [5]
63/133	• • • • Hydroxy compounds containing aromatic rings <b>[5]</b>
63/137	• • • Acids or hydroxy compounds containing
62/16	cycloaliphatic rings <b>[5]</b>
63/16	• • • Dicarboxylic acids and dihydroxy compounds [2]
63/18	• • • • the acids or hydroxy compounds containing carbocyclic rings [2]
63/181	• • • • • Acids containing aromatic rings [5]
63/183	• • • • • Terephthalic acids [5]
63/185	• • • • • • containing two or more aromatic rings [5]
63/187	• • • • • • • containing condensed aromatic
62/100	rings [5]
63/189	• • • • • • • • containing a naphthalene ring <b>[5]</b>
63/19	• • • • Hydroxy compounds containing aromatic rings <b>[5]</b>
63/191	• • • • • Hydroquinones [5]
63/193	••••• containing two or more aromatic rings <b>[5]</b>
63/195	•••••••• Bisphenol A <b>[5]</b>
63/197	•••••• containing condensed aromatic rings [5]
63/199	• • • • • Acids or hydroxy compounds containing cycloaliphatic rings [5]
63/20	• • • Polyesters having been prepared in the
	presence of compounds having one reactive
60 (o (	group or more than two reactive groups [2]
63/21	• • • • in the presence of unsaturated
	monocarboxylic acids or unsaturated monohydric alcohols or reactive
	derivatives thereof <b>[5]</b>
63/40	• • • Polyesters derived from ester-forming
	derivatives of polycarboxylic acids or of
	polyhydroxy compounds, other than from esters
	thereof [2]

63/42	•	•	•	• Cy	clic ethers (C08G 59/00 takes
					ecedence); Cyclic carbonates; Cyclic
63/44					lfites; Cyclic orthoesters <b>[2, 7]</b>
63/44 63/46					olyamides; Polynitriles <b>[2]</b> esters chemically modified by
03/40	•	•			fication (C08G 63/20 takes
					edence) [2]
63/47	•	•	•	-	unsaturated monocarboxylic acids or
				-	saturated monohydric alcohols or reactive
					rivatives thereof [5]
63/48	•	•	•	• by	unsaturated higher fatty oils or their
				ac	ids; by resin acids <b>[2]</b>
63/49	•	•	•	•••	Alkyd resins [5]
63/50	•	•	•	-	monohydric alcohols [2]
63/52	•	•			carboxylic acids or polyhydroxy
					oounds in which at least one of the two
					oonents contains aliphatic unsaturation [2]
63/54	•	•	•		e acids or hydroxy compounds containing rbocyclic rings [2]
63/547					
03/34/	•	•	•		Hydroxy compounds containing aromatic rings <b>[5]</b>
63/553			•		Acids or hydroxy compounds containing
03/333					cycloaliphatic rings, e.g. Diels-Alder
					adducts [5]
63/56	•	•	•	• Po	lyesters derived from ester-forming
					rivatives of polycarboxylic acids or of
					lyhydroxy compounds, other than from
				es	ters thereof [2]
63/58	•	•	•	•••	Cyclic ethers (C08G 59/00 takes
					precedence); Cyclic carbonates; Cyclic
63/60			dor	ived	sulfites <b>[2]</b> from the reaction of a mixture of hydroxy
03/00	•	•			lic acids, polycarboxylic acids and
					roxy compounds [2]
63/64	•	Po			containing both carboxylic ester groups
00,01					ate groups [2]
63/66	•	Ро	olyes	sters	containing oxygen in the form of ether
					8G 63/42, C08G 63/58 take
		pr		lence	-
63/664	•	•			from hydroxycarboxylic acids [5]
63/668	•	•			from polycarboxylic acids and
CD / C70					roxy compounds [5]
63/672	•	•			boxylic acids and dihydroxy
63/676					hich at least one of the two components
03/0/0	-	-			ins aliphatic unsaturation [5]
63/68	•	Po			containing atoms other than carbon,
					and oxygen (C08G 63/64 takes
		pr	eced	lence	( <b>1</b> ]
63/682	•	•	cor	ntaini	ng halogens <b>[5]</b>
63/685	•	•	cor	ntaini	ng nitrogen <b>[5]</b>
63/688	•	•	cor	ntaini	ng sulfur <b>[5]</b>
63/692	•	•	cor	ntaini	ng phosphorus [5]
63/695	•	•	con	ntaini	ng silicon [5]
63/698	•	•	cor	ntaini	ng boron [5]
63/78	•	Pr	~		n processes [5]
63/79	•	•			ial processes, i.e. processes involving a
					at the interface of two non-miscible
CD /00				ids [	
63/80	•	•			ate polycondensation <b>[5]</b>
63/81	•	•		-	lvents (C08G 63/79 takes precedence) [5]
63/82	•	•			rised by the catalyst used <b>[5]</b>
63/83	•	•			li metals, alkaline earth metals, beryllium, nesium, copper, silver, gold, zinc,
					ium, mercury, manganese, or compounds
					of [5]

63/84	• • Boron, aluminium, gallium, indium, thallium,
CD /05	rare-earth metals, or compounds thereof <b>[5]</b>
63/85	• • Germanium, tin, lead, arsenic, antimony, bismuth, titanium, zirconium, hafnium,
	vanadium, niobium, tantalum, or compounds
	thereof [5]
63/86	• • • • Germanium, antimony, or compounds thereof [5]
63/87	<ul> <li>Non-metals or inter-compounds thereof (boron C08G 63/84) [5]</li> </ul>
63/88	Post-polymerisation treatment [5]
63/89	• • Recovery of the polymer <b>[5]</b>
63/90	• • Purification; Drying <b>[5]</b>
63/91	• Polymers modified by chemical after-treatment [5]
64/00	<b>Macromolecular compounds obtained by reactions</b> <b>forming a carbonic ester link in the main chain of the</b> <b>macromolecule</b> (polycarbonate-amides C08G 69/44; polycarbonate-imides C08G 73/16) <b>[5]</b>
	Note(s)
	Polymers containing both carboxylic ester groups and
	carbonate groups are always classified in group C08G 63/64, even when the carbonate groups are present in excess.
64/02	Aliphatic polycarbonates [5]
64/04	Aromatic polycarbonates [5]
64/06	• • not containing aliphatic unsaturation [5]
64/08	• • containing atoms other than carbon, hydrogen or oxygen [5]
64/10	• • • • containing halogens [5]
64/12	• • • • containing nitrogen [5]
64/14	• • • containing a chain-terminating or -crosslinking agent [5]
64/16	• Aliphatic-aromatic or araliphatic polycarbonates [5]
64/18	Block or graft polymers [5]
64/20	General preparatory processes [5]
64/22	• using carbonyl halides [5]
64/24 64/26	<ul> <li>• and phenols [5]</li> <li>• using halocarbonates [5]</li> </ul>
64/28	• • • and phenols [5]
64/30	<ul> <li>using carbonates [5]</li> </ul>
64/32	<ul> <li>using carbon dioxide [5]</li> </ul>
64/34	• • • and cyclic ethers [5]
64/36	• • using carbon monoxide [5]
64/38	• • using other monomers [5]
64/40	Post-polymerisation treatment [5]
64/42	Chemical after-treatment [5]
65/00	Macromolecular compounds obtained by reactions forming an ether link in the main chain of the
	<b>macromolecule</b> (epoxy resins C08G 59/00; polythioether-ethers C08G 75/12; polyethers containing
	less than eleven monomer units C07C) [2]
65/02	• from cyclic ethers by opening of the heterocyclic
	ring [2]
65/04	• • from cyclic ethers only [2]
65/06	• • Cyclic ethers having no atoms other than carbon and hydrogen outside the ring [2]
65/08	• • • Saturated oxiranes [2]
65/10	• • • • characterised by the catalysts used <b>[2]</b>
65/12	••••• containing organo-metallic compounds or metal hydrides [2]
65/14	• • • Unsaturated oxiranes [2]
65/16	• • • Cyclic ethers having four or more ring atoms [2]

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65/18	• • • • Oxetanes [2]
65/20	• • • • Tetrahydrofuran [2]
65/22	• • Cyclic ethers having at least one atom other
CE (D.4	than carbon and hydrogen outside the ring <b>[2]</b>
65/24	• • • Epihalohydrins [2]
65/26	• from cyclic ethers and other compounds [2]
65/28 65/30	<ul> <li>• Cyclic ethers and hydroxy compounds [2]</li> <li>• Post-polymerisation treatment, e.g. recovery,</li> </ul>
05/30	purification, drying [2]
65/32	<ul> <li>Polymers modified by chemical after-treatment [2]</li> </ul>
65/321	• • • with inorganic compounds [7]
65/322	• • • • containing hydrogen <b>[7]</b>
65/323	• • • • containing halogens [7]
65/324	• • • • containing oxygen [7]
65/325	• • • • containing nitrogen [7]
65/326	• • • • containing sulfur [7]
65/327	• • • • containing phosphorus [7]
65/328	• • • • containing other elements [7]
65/329	• • • with organic compounds <b>[7]</b>
65/331	• • • containing oxygen [7]
65/332	• • • • containing carboxyl groups, or halides or esters thereof <b>[7]</b>
65/333	• • • • containing nitrogen [7]
65/334	• • • • containing sulfur [7]
65/335	• • • • containing phosphorus <b>[7]</b>
65/336	• • • containing silicon [7]
65/337	• • • containing other elements (organic compounds containing halogens only as
	halides of a carboxyl group
	C08G 65/332) <b>[7]</b>
65/338	• • • with inorganic and organic compounds [7]
65/34	<ul> <li>from hydroxy compounds or their metallic</li> </ul>
	derivatives (C08G 65/28 takes precedence) [2]
65/36	• • Furfuryl alcohol [2]
65/38	• • derived from phenols [2]
65/40	• • from phenols and other compounds [2]
65/42 65/44	<ul> <li>• Phenols and polyhydroxy ethers [2]</li> <li>• by oxidation of phenols [2]</li> </ul>
65/44 65/46	<ul> <li>Post-polymerisation treatment, e.g. recovery,</li> </ul>
03/40	purification, drying [2]
65/48	• • Polymers modified by chemical after-treatment [2]
67/00	Macromolecular compounds obtained by reactions
07700	forming in the main chain of the macromolecule a
	linkage containing oxygen or oxygen and carbon, not
	provided for in groups C08G 2/00-C08G 65/00 [2]
67/02	Copolymers of carbon monoxide and aliphatic
67/04	<ul><li>unsaturated compounds [2]</li><li>Polyanhydrides [2]</li></ul>
07704	
69/00	Macromolecular compounds obtained by reactions
	forming a carboxylic amide link in the main chain of the macromolecule (polyhydrazides C08G 73/08;
	polyamide acids C08G 73/10; polyamide-imides
	C08G 73/14) <b>[2]</b>
69/02	Polyamides derived from amino carboxylic acids or
	from polyamines and polycarboxylic acids [2]
69/04	Preparatory processes [2]
69/06	Solid state polycondensation [2]
69/08	• • derived from amino carboxylic acids [2]
69/10	• • • Alpha-amino-carboxylic acids <b>[2]</b>
69/12	• • • with both amino and carboxylic groups aromatically bound [2]
69/14	aromatically bound [2] • • • Lactams [2]
69/14 69/16	• • • Preparatory processes [2]
03/10	reputatory processes [2]

69/18	• • • • • Anionic polymerisation [2]
69/20	• • • • • • characterised by the catalysts used [2]
69/22	• • • • Beta-lactams [2]
69/24	• • • • Pyrrolidones or piperidones [2]
69/26	<ul> <li>derived from polyamines and polycarboxylic acids [2]</li> </ul>
CO / 20	
69/28	• • Preparatory processes [2]
69/30	• • • • Solid state polycondensation [2]
69/32	• • • from aromatic diamines and aromatic
	dicarboxylic acids with both amino and
	carboxylic groups aromatically bound [2]
69/34	• • • using polymerised unsaturated fatty acids [2]
69/36	<ul> <li>derived from amino acids, polyamines, and</li> </ul>
	polycarboxylic acids [2]
69/38	<ul> <li>Polyamides prepared from aldehydes and</li> </ul>
	polynitriles [2]
69/40	<ul> <li>Polyamides containing oxygen in the form of ether</li> </ul>
	groups (C08G 69/12, C08G 69/32 take
	precedence) [2]
69/42	<ul> <li>Polyamides containing atoms other than carbon,</li> </ul>
	hydrogen, oxygen, and nitrogen (C08G 69/12,
	C08G 69/32 take precedence) [2]
69/44	<ul> <li>Polyester-amides [2]</li> </ul>
69/46	<ul> <li>Post-polymerisation treatment [2]</li> </ul>
69/48	• Polymers modified by chemical after-treatment [2]
69/50	• • with aldehydes [2]
71/00	Macromolecular compounds obtained by reactions
	forming in the main chain of the macromolecule a
	ureide or urethane link, otherwise than from
	isocyanate radicals [2]
71/02	Polyureas [2]
71/04	Polyurethanes [2]
,	i oryarethanes [2]
	• – –
73/00	Macromolecular compounds obtained by reactions
	Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a
	Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen
	Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-
73/00	Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00- C08G 71/00 [2]
	Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00- C08G 71/00 [2] • Polyamines (containing less than eleven monomer
<b>73/00</b> 73/02	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> </ul>
<b>73/00</b> 73/02 73/04	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> </ul>
<b>73/00</b> 73/02	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing</li> </ul>
<b>73/00</b> 73/02 73/04	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the</li> </ul>
<b>73/00</b> 73/02 73/04	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or</li> </ul>
<b>73/00</b> 73/02 73/04	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> </ul>
<b>73/00</b> 73/02 73/04 73/06	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or</li> </ul>
<b>73/00</b> 73/02 73/04 73/06	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyaminotriazoles; Polyoxadiazoles [2]</li> </ul>
<b>73/00</b> 73/02 73/04 73/06 73/08	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles;</li> </ul>
<b>73/00</b> 73/02 73/04 73/06 73/08	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyaminotriazoles; Polyaminde-imides;</li> <li>Polyaminde; Polyester-imides; Polyamide-imides;</li> </ul>
<b>73/00</b> 73/02 73/04 73/06 73/08	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyaminotriazoles; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide scids or similar polyimide [2]</li> </ul>
<ul> <li>73/00</li> <li>73/02</li> <li>73/04</li> <li>73/06</li> <li>73/08</li> <li>73/10</li> <li>73/12</li> </ul>	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polychydrazides; Polytriazoles; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Visit Polyamide acids or similar polyimide</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/12	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polychydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide [2]</li> <li>Unsaturated polyimide precursors [2]</li> <li>Polyamide-imides [2]</li> <li>Polyamide-imides [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide-imides [2]</li> <li>Polyamide-imides [2]</li> <li>Polyamide-imides [2]</li> <li>Polyamide-imides [2]</li> <li>Polyamide-imides [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polydminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polybanide-imides [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-acids; Polyaminotriazoles; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide grecursors [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide [2]</li> <li>Polybanide-imides [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Copolymers of a fluoronitroso organic compound and</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polydydrazides; Polytriazoles; Polyamide-acids; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide-imides [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Copolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22 73/24	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-acids; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Copolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso rubbers [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polydydrazides; Polytriazoles; Polyamide-acids; Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide-imides [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Copolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22 73/24	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polydydrazides; Polytriazoles; Polyamide-acids or similar polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide precursors [2]</li> <li>Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>of trifluoronitrosomethane with a fluoro-olefin [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22 73/24	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-acids or similar polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide precursors [2]</li> <li>Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Ocopolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso rubbers [2]</li> <li>of trifluoronitrosomethane with a fluoro-olefin [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22 73/24	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polydydrazides; Polytriazoles; Polyamide-acids or similar polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Ocopolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso rubbers [2]</li> <li>of trifluoronitrosomethane with a fluoro-olefin [2]</li> </ul>
73/00 73/02 73/04 73/06 73/08 73/10 73/12 73/14 73/16 73/18 73/20 73/22 73/24	<ul> <li>Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing nitrogen, with or without oxygen or carbon, not provided for in groups C08G 12/00-C08G 71/00 [2]</li> <li>Polyamines (containing less than eleven monomer units C07C) [2]</li> <li>derived from alkyleneimines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamide-acids or similar polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide precursors [2]</li> <li>Polyaminotriazoles; Polyoxadiazoles [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polyamide acids or similar polyimide precursors [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzimidazoles [2]</li> <li>Polybenzoxazoles [2]</li> <li>Ocopolymers of a fluoronitroso organic compound and another fluoro organic compound, e.g. nitroso rubbers [2]</li> <li>of trifluoronitrosomethane with a fluoro-olefin [2]</li> </ul>

oxygen, or carbon [2]75/02• Polythioethers [2]

75/04	from mercapto compounds or metallic derivatives
75 (00	thereof [2]
75/06 75/08	<ul> <li>from cyclic thioethers [2]</li> <li>from thiiranes [2]</li> </ul>
75/08 75/10	<ul> <li>• from thiiranes [2]</li> <li>• from sulfur or sulfur-containing compounds and</li> </ul>
/3/10	aldehydes or ketones [2]
75/12	Polythioether-ethers [2]
75/14	Polysulfides [2]
75/16	<ul> <li>by polycondensation of organic compounds with inorganic polysulfides [2]</li> </ul>
75/18	Polysulfoxides [2]
75/20	Polysulfones [2]
75/22	Copolymers of sulfur dioxide with unsaturated
75 (00	aliphatic compounds <b>[2]</b>
75/23	Polyethersulfones [2]
75/24 75/26	<ul> <li>Polysulfonates [2]</li> <li>Polythioesters [2]</li> </ul>
	5 – –
75/28 75/30	<ul> <li>Polythiocarbonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> </ul>
75/30	<ul> <li>Polythiazoles; Polythiadiazoles [2]</li> </ul>
/3/32	• Folyullazoles, Folyullaulazoles [2]
77/00	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 [2]
77/02	Polysilicates [2]
77/04	Polysiloxanes [2]
77/06	• Preparatory processes [2]
77/08	• • characterised by the catalysts used [2]
77/10	• • Equilibration processes [2]
77/12 77/14	<ul> <li>containing silicon bound to hydrogen [2]</li> <li>containing silicon bound to oxygen-containing</li> </ul>
///14	groups [2]
77/16	• • • to hydroxy groups [2]
77/18	• • • to alkoxy or aryloxy groups [2]
77/20	<ul> <li>containing silicon bound to unsaturated aliphatic groups [2]</li> </ul>
77/22	<ul> <li>containing silicon bound to organic groups</li> </ul>
	containing atoms other than carbon, hydrogen, and
	oxygen [2]
77/24	• • • halogen-containing groups [2]
77/26	• • • nitrogen-containing groups [2]
77/28	• • • sulfur-containing groups [2]
77/30	• • phosphorus-containing groups [2]
77/32	Post-polymerisation treatment [2]
77/34	• • • Purification [2]
77/36	• • Fractionation [2]
77/38	<ul> <li>Polysiloxanes modified by chemical after- treatment [2]</li> </ul>
77/382	<ul> <li>containing atoms other than carbon, hydrogen, oxygen or silicon [5]</li> </ul>
77/385	• • • containing halogens [5]
77/388	• • • • containing nitrogen [5]
77/392	<ul> <li>• • • containing sulfur [5]</li> </ul>
77/395	<ul> <li>• • • containing phosphorus [5]</li> </ul>
	Urr t-1

77/398	• • • • containing boron or metal atoms [5]			
77/42	Block- or graft-polymers containing polysiloxane sequences (polymerising aliphatic unsaturated sequences (polymerising aliphatic unsaturated sequences) and the sequence of the sequence			
77/44	monomers on to a polysiloxane C08F 283/12) [2]			
77/44	• containing only polysiloxane sequences [2]			
77/442	• containing vinyl polymer sequences [5]			
77/445	• • containing polyester sequences [5]			
77/448	containing polycarbonate sequences [5]			
77/452	• • containing nitrogen-containing sequences [5]			
77/455	• • • containing polyamide, polyesteramide or polyimide sequences [5]			
77/458	• • • containing polyurethane sequences [5]			
77/46	containing polyether sequences [2]			
77/48	• in which at least two but not all the silicon atoms are			
77 (50	connected by linkages other than oxygen atoms (C08G 77/42 takes precedence) <b>[2]</b>			
77/50	• • by carbon linkages [2]			
77/52	• • containing aromatic rings [2]			
77/54	• • Nitrogen-containing linkages [2]			
77/56	Boron-containing linkages [2]			
77/58	Metal-containing linkages [2]			
77/60	• in which all the silicon atoms are connected by			
77/00	linkages other than oxygen atoms <b>[2]</b>			
77/62	• • Nitrogen atoms [2]			
79/00	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 [2]			
79/02	<ul> <li>a linkage containing phosphorus [2]</li> </ul>			
79/04	• • Phosphorus linked to oxygen or to oxygen and carbon [2]			
79/06	• • Phosphorus linked to carbon only [2]			
79/08	<ul> <li>a linkage containing boron [2]</li> </ul>			
79/10	<ul> <li>a linkage containing aluminium [2]</li> </ul>			
79/12	<ul> <li>a linkage containing tin [2]</li> </ul>			
79/14	• a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2]			
81/00	Macromolecular compounds obtained by interreacting polymers in the absence of monomers, e.g. block polymers (involving only carbon-to-carbon unsaturated bond reactions C08F 299/00) [2]			
81/02	• at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds <b>[2]</b>			
83/00	Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2]			
85/00	General processes for preparing compounds provided for in this subclass [2]			
	Indexing scheme associated with group C08G 18/00, relating to cellular products. [5]			
101/00	Manufacture of cellular products [5]			

**C08H DERIVATIVES OF NATURAL MACROMOLECULAR COMPOUNDS** (polysaccharides C08B; natural rubber C08C; natural resins or their derivatives C09F; working up pitch, asphalt or bitumen C10C 3/00)

# <u>Note(s)</u>

Therapeutic activity of compounds is further classified in subclass A61P.

C08H

1/00	Macromolecular products derived from proteins		
	(food proteins A23, e.g. A23J; glue, gelatine C09H)		

- 1/02Protein-aldehyde condensates 1/04Casein-aldehyde condensates 1/06derived from horn, hoofs, hair, skin, or leather
- 3/00 Vulcanised oils, e.g. factice

- 7/00 Lignin; Modified lignin; High-molecular-weight products derived therefrom (low-molecular-weight derivatives of lignin C07G 1/00) [2011.01]
- 8/00 Macromolecular compounds derived from lignocellulosic materials [2010.01]
- 99/00 Subject matter not provided for in other groups of this subclass [2010.01]

**C08J** WORKING-UP; GENERAL PROCESSES OF COMPOUNDING; AFTER-TREATMENT NOT COVERED BY SUBCLASSES C08B, C08C, C08F, C08G or C08H (working, e.g. shaping, of plastics B29) [2]

#### Note(s)

- This subclass covers processes, not covered by subclasses C08B-C08H, for treating polymers. 1.
- In this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place. 2.
- 3. When classifying in this subclass, additional classification may be made in class C08L relating to the materials used.

3/00	Processes of treating or compounding	5/14	<ul> <li>Mar</li> </ul>
	macromolecular substances [2]		mat
3/02	<ul> <li>Making solutions, dispersions, lattices or gels by</li> </ul>	5/16	• Mar
	other methods than by solution, emulsion or		frict
	suspension polymerisation techniques [2]	5/18	• Mar
3/03	• • in aqueous media [5]	5/20	• Mar
3/05	• • • from solid polymers [5]		resi
3/07	• • • from polymer solutions [5]	5/22	• • F
3/075	• • • Macromolecular gels [6]	5/24	• Imp
3/09	• • in organic liquids [5]		be p
3/11	• • • from solid polymers [5]		prep
3/12	Powdering or granulating [2]	7/00	Chami
3/14	• • by precipitation from solutions [2]	7/00	Chemi made o
3/16	• • by coagulating dispersions [2]		metalli
3/18	Plasticising macromolecular compounds (plasticisers		C25) [2
	C08K) [2]	7/02	• with
3/20	<ul> <li>Compounding polymers with additives, e.g.</li> </ul>	7/04	• Coa
	colouring [2]	7/06	• • v
3/205	• • in the presence of a liquid phase [5]	//00	s
3/21	• • • the polymer being premixed with a liquid	7/12	• Che
	phase [5]	7/14	• • v
3/215	• • • at least one additive being also premixed	7/16	• • v
	with a liquid phase <b>[5]</b>	7/18	• • •
3/22	• • using masterbatch techniques [2]	//10	
3/24	Crosslinking, e.g. vulcanising, of macromolecules	9/00	Worki
	(mechanical aspects B29C 35/00; crosslinking agents		or cell
	C08K) <b>[2]</b>		thereo
3/26	• • of latex <b>[2</b> ]		substar
3/28	<ul> <li>Treatment by wave energy or particle radiation [2]</li> </ul>		or cellı
		9/02	<ul> <li>usin</li> </ul>
5/00	Manufacture of articles or shaped materials		mor
	<b>containing macromolecular substances</b> (manufacture of semi-permeable membranes B01D 67/00-	0 / 0 <b>/</b>	prep
	B01D 71/00) [2]	9/04	• usin
5/02	<ul> <li>Direct processing of dispersions, e.g. latex, to</li> </ul>	0.000	blov
5/02	articles [2]	9/06	•• b
5/04	Reinforcing macromolecular compounds with loose	9/08	• • •
5/04	or coherent fibrous material <b>[2]</b>	9/10	• • •
5/06	<ul> <li>using pretreated fibrous materials [2]</li> </ul>	9/12	•• b
5/08	<ul> <li>• • glass fibres [2]</li> </ul>	9/14	• • •
5/10	<ul> <li>characterised by the additives used in the polymer</li> </ul>		<u>Note(s</u>
5/10	mixture [2]		
5/12	Bonding of a preformed macromolecular material to		In grou
5/12	the same or other solid material such as metal, glass,		used w
	leather, e.g. using adhesives [2]		•

- nufacture of abrasive or friction articles or erials [2]
- nufacture of articles or materials having reduced tion [2]
- nufacture of films or sheets [2]
- nufacture of shaped structures of ion-exchange ns [2]
- Films, membranes or diaphragms [2]
- regnating materials with prepolymers which can olymerised in situ, e.g. manufacture of oregs [2]
- ical treatment or coating of shaped articles of macromolecular substances (coating with c material C23C; electrolytic deposition of metals 21 n solvents, e.g. swelling agents [2]
- ting [2]
- vith compositions not containing macromolecular ubstances [2]
- mical modification [2]
- vith acids, their salts or anhydrides [2]
- vith polymerisable compounds [2]
- using wave energy or particle radiation [2]
- ng-up of macromolecular substances to porous ular articles or materials; After-treatment f (mechanical aspects of shaping of plastics or nces in a plastic state for the production of porous ular articles B29C) [2] g blowing gases generated by the reacting
- nomers or modifying agents during the paration or modification of macromolecules [2]
- ig blowing gases generated by a previously added wing agent [2]
- y a chemical blowing agent [2]
- developing carbon dioxide [2]
- developing nitrogen [2]
- y a physical blowing agent [2]
- organic [2]

#### 5)

ups C08J 9/16-C08J 9/22, the following term is with the meaning indicated:

- "expandable" includes also expanding, preexpanded or expanded.
- 9/16• Making expandable particles [2, 5]

9/18	<ul> <li>by impregnating polymer particles with the blowing agent [2]</li> </ul>	9/40 9/42	<ul> <li>Impregnation [2]</li> <li>with macromolecular compounds [2]</li> </ul>
9/20	• • by suspension polymerisation in the presence of the blowing agent <b>[2]</b>	11/00	Recovery or working-up of waste materials (recovery
	<ul> <li>After-treatment of expandable particles; Forming foamed products [2, 5]</li> <li>Surface treatment [5]</li> </ul>		of plastics B29B 17/00; polymerisation processes involving purification or recycling of waste polymers or their depolymerisation products C08B, C08C, C08F,
9/232 9/236	<ul> <li>Forming foamed products [5]</li> <li>by sintering expandable particles [5]</li> <li>using binding agents [5]</li> <li>by surface fusion and bonding of particles to form voids, e.g. sintering (of expandable particles</li> </ul>	11/02 11/04 11/06 11/08	<ul> <li>C08G, C08H) [4]</li> <li>of solvents, plasticisers or unreacted monomers [4]</li> <li>of polymers [2]</li> <li>without chemical reactions [4]</li> <li>using selective solvents for polymer components [4]</li> </ul>
	C08J 9/232) <b>[2, 5]</b> by elimination of a solid phase from a macromolecular composition or article, e.g. leaching out <b>[2]</b>	11/10	<ul> <li>by chemically breaking down the molecular chains of polymers or breaking of crosslinks, e.g. devulcanisation (depolymerisation to the original monomer C07) [4]</li> </ul>
9/28 •	<ul> <li>by elimination of a liquid phase from a macromolecular composition or article, e.g. drying of coagulum [2]</li> </ul>	11/12 11/14	<ul> <li>• • by dry-heat treatment only [4]</li> <li>• • by treatment with steam or water [4]</li> </ul>
9/30	<ul> <li>by mixing gases into liquid compositions or plastisols, e.g. frothing with air [2]</li> </ul>	11/16	• • • by treatment with inorganic material (C08J 11/14 takes precedence) [4]
9/32	from compositions containing micro-balloons, e.g. syntactic foams [2]	11/18 11/20	<ul> <li>• by treatment with organic material [4]</li> <li>• by treatment with hydrocarbons or</li> </ul>
	Agglomerating foam fragments, e.g. waste foam [5]	11/22	<ul><li>halogenated hydrocarbons [4]</li><li>• • • by treatment with organic oxygen-containing</li></ul>
9/34 •	<ul> <li>Chemical features in the manufacture of articles consisting of a foamed macromolecular core and a macromolecular surface layer having a higher density than the core [2]</li> </ul>	11/22 11/24 11/26	<ul> <li>or v v by treatment with organic oxygen-containing compounds [4]</li> <li>or v containing hydroxyl groups [4]</li> <li>or v containing carboxylic acid groups, their</li> </ul>
9/35 •	<ul> <li>Composite foams, i.e. continuous macromolecular foams containing discontinuous cellular particles or fragments [5]</li> </ul>	11/28	<ul> <li>anhydrides or esters [4]</li> <li>••• by treatment with organic compounds containing nitrogen, sulfur or phosphorus [4]</li> </ul>
	<ul> <li>After-treatment (C08J 9/22 takes precedence) [2, 5]</li> <li>Destruction of cell membranes [2]</li> </ul>	99/00	Subject matter not provided for in other groups of this subclass [2006.01]

C08K USE OF INORGANIC OR NON-MACROMOLECULAR ORGANIC SUBSTANCES AS COMPOUNDING INGREDIENTS (paints, inks, varnishes, dyes, polishes, adhesives C09) [2]

### <u>Note(s)</u>

1. In this subclass, in the absence of an indication to the contrary, an ingredient is classified in the last appropriate place.

2. In this subclass:

- a mixture of ingredients is classified in the most indented group covering all the essential ingredients of the mixture, e.g.: a mixture of a monohydroxylic and a polyhydroxylic alcohol C08K 5/05;
  - a mixture of two polyhydroxylic alcohols C08K 5/053;
  - a mixture of an alcohol and an ether C08K 5/04;
  - a mixture of an ether and an amine C08K 5/00;
  - a mixture of an amine and a metal C08K 13/02;
- ammonium salts are classified in the same way as metal salts.
- 3. In this subclass, any ingredient of a mixture 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 according to Note (1). The ingredient can be either a single compound or a composition in itself.
- 4. Any ingredient of a mixture 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 according to Note (1). This can, for example, be the case when it is considered of interest to enable searching of mixtures using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".

<b>3/00</b> 3/02	Use of inorganic ingredients [2] <ul> <li>Elements [2]</li> </ul>	3/18 • Oxygen-containing compounds, e.g. metal carbonyls <b>[2]</b>
3/04	• • Carbon <b>[2]</b>	3/20 • • Oxides; Hydroxides [2]
3/06	• • Sulfur <b>[2]</b>	3/22 • • • of metals <b>[2]</b>
3/08	• • Metals [2]	3/24 • • Acids; Salts thereof [2]
3/10	Metal compounds [2]	3/26 • • • Carbonates; Bicarbonates [2]
3/12	• • Hydrides [2]	3/28 • Nitrogen-containing compounds [2]
3/14	• • Carbides [2]	3/30 • Sulfur-, selenium-, or tellurium-containing
3/16	Halogen-containing compounds [2]	compounds [2]

# C08K

	5/00
3/32 • Phosphorus-containing compounds [2]	5/26 • • • • Semicarbazides [2]
3/34 • Silicon-containing compounds [2]	5/27 • • Compounds containing a nitrogen atom bound
3/36 • • Silica <b>[2]</b>	to two other nitrogen atoms, e.g. diazoamino-
3/38 • Boron-containing compounds [2]	compounds [2]
3/40 • Glass <b>[2]</b>	5/28 • • • Azides [2]
	5/29 • Compounds containing carbon-to-nitrogen double
5/00 Use of organic ingredients [2]	bonds [2]
5/01 • Hydrocarbons [2]	5/30 • • Hydrazones; Semicarbazones [2]
5/02 • Halogenated hydrocarbons [2]	5/31 • • • Guanidine; Derivatives thereof [2]
5/03 • • aromatic <b>[2]</b>	5/315 • Compounds containing carbon-to-nitrogen triple
5/04 • Oxygen-containing compounds [2]	bonds [6]
5/05 • • Alcohols; Metal alcoholates [2]	5/32 • • Compounds containing nitrogen bound to
5/053 • • • Polyhydroxylic alcohols <b>[6]</b>	oxygen [2]
5/057 • • • Metal alcoholates [6]	5/33 • • • Oximes [2]
5/06 • • Ethers; Acetals; Ketals; Ortho-esters [2]	5/34 • Heterocyclic compounds having nitrogen in the
5/07 • • Aldehydes; Ketones [2]	ring [2]
5/08 • • • Quinones [2]	5/3412 • • having one nitrogen atom in the ring <b>[5]</b>
5/09 • Carboxylic acids; Metal salts thereof; Anhydrides	5/3415 • • • Five-membered rings [5]
thereof [2]	5/3417 • • • • condensed with carbocyclic rings [5]
5/092 • • • Polycarboxylic acids <b>[6]</b>	5/3432 • • • • Six-membered rings [5]
5/095 • • • Carboxylic acids containing halogens [6]	5/3435 • • • • Piperidines <b>[5]</b>
5/098 • • • Metal salts of carboxylic acids <b>[6]</b>	5/3437 • • • • condensed with carbocyclic rings [5]
5/10 • Esters; Ether-esters [2]	5/3442 • • • having two nitrogen atoms in the ring <b>[5]</b>
5/101 • • • of monocarboxylic acids [6]	5/3445 • • • • Five-membered rings <b>[5]</b>
5/103 • • • • with polyalcohols [6]	5/3447 • • • • condensed with carbocyclic rings <b>[5]</b>
	5/3462 • • • Six-membered rings [5]
$5/105 \cdot \cdot \cdot \cdot \text{ with phenols [6]}$	5/3465 • • • • condensed with carbocyclic rings [5]
$5/107 \cdot \cdot \cdot \cdot \cdot \text{ with polyphenols [6]}$	5/3467 • • • having more than two nitrogen atoms in the
5/109 • • • of carbonic acid <b>[6]</b>	ring [5]
5/11 • • • of acyclic polycarboxylic acids <b>[2]</b>	5/3472 • • • Five-membered rings [5]
5/12 • • • of cyclic polycarboxylic acids <b>[2]</b>	5/3475 • • • • condensed with carbocyclic rings [5]
5/13 • • Phenols; Phenolates [2]	5/3477 • • • • Six-membered rings [5]
5/132 • • • Phenols containing keto groups [6]	$5/3477 \cdot \cdot \cdot \cdot \cdot \cdot $ Triazines [5]
5/134 • • • Phenols containing ester groups [6]	
5/136 • • • Phenols containing halogens [6]	5/3495 • • • • condensed with carbocyclic rings [5]
5/138 • • • Phenolates <b>[6]</b>	5/35 • • having also oxygen in the ring [2]
5/14 • • Peroxides [2]	5/353 • • • Five-membered rings [5]
5/15 • • Heterocyclic compounds having oxygen in the	5/357 • • • Six-membered rings [5]
ring [2]	5/36 • Sulfur-, selenium-, or tellurium-containing
5/151 • • • having one oxygen atom in the ring <b>[7]</b>	compounds [2]
5/1515 • • • • Three-membered rings <b>[7]</b>	5/37 • • Thiols <b>[2, 7]</b>
5/1525 • • • • Four-membered rings [7]	5/372 • • Sulfides <b>[6, 7]</b>
5/1535 • • • Five-membered rings [7]	5/375 • • • containing six-membered aromatic rings [6, 7]
5/1539 • • • • Cyclic anhydrides [7]	5/378 • • • containing heterocyclic rings [6, 7]
5/1545 • • • • Six-membered rings [7]	5/38 • • Thiocarbonic acids; Derivatives thereof, e.g.
5/156 • • • having two oxygen atoms in the ring [7]	xanthates [2]
	5/39 • • Thiocarbamic acids; Derivatives thereof, e.g.
5/1565 • • • • Five-membered rings <b>[7]</b>	dithiocarbamates [2]
5/1575 • • • • Six-membered rings <b>[7]</b>	5/40 • • • Thiuramsulfides; Thiurampolysulfides, e.g.
5/159 • • having more than two oxygen atoms in the	$N-C-[S]_{x}-C-NC$ compounds containing $S$ $S$ groups [2]
ring [7]	
5/16 • Nitrogen-containing compounds [2]	compounds containing 5 5
5/17 • • Amines; Quaternary ammonium compounds [2]	8F- (-)
5/18 • • • with aromatically bound amino groups <b>[2]</b>	5/405 • • Thioureas; Derivatives thereof <b>[6]</b>
5/19 • • • Quaternary ammonium compounds <b>[2]</b>	5/41 • Compounds containing sulfur bound to oxygen [2]
5/20 • • Carboxylic acid amides [2]	5/42 • • • Sulfonic acids; Derivatives thereof <b>[2]</b>
Ö	5/43 • • Compounds containing sulfur bound to
5/205 • • Compounds containing $-O-C-NC$ groups, e.g.	nitrogen [2]
5/205 • Compounds containing <sup>-0-0-1</sup> groups, e.g. carbamates <b>[6]</b>	5/435 • • • Sulfonamides <b>[6]</b>
	5/44 • • • Sulfenamides [2]
	5/45 • • Heterocyclic compounds having sulfur in the
5/22 • Compounds containing nitrogen bound to another	ring [2]
nitrogen atom [2]	5/46 • • • with oxygen or nitrogen in the ring [2]
$5/23 \cdot \cdot \cdot \text{Azo-compounds [2]}$	5/47 • • • • Thiazoles <b>[2]</b>
5/24 • • • Derivatives of hydrazine <b>[2]</b>	
5/25 • • • Carboxylic acid hydrazides [2]	<ul> <li>5/48 • Selenium- or tellurium-containing compounds [2]</li> <li>5/49 • Phosphorus-containing compounds [2]</li> </ul>

5/50 • • Phosphorus bound to carbon only <b>[2, 5]</b>	5/56	Organo-metallic compounds, i.e. organic compounds
5/51 • • Phosphorus bound to oxygen [2]	0,00	containing a metal-to-carbon bond <b>[2]</b>
5/52 • • • bound to oxygen only [2]	5/57	Organo-tin compounds [2]
5/521 • • • • Esters of phosphoric acids, e.g. of H <sub>3</sub> PO <sub>4</sub> [5]	5/58	• • • containing sulfur [2]
5/523 • • • • with hydroxyaryl compounds [5]	5/59	Arsenic- or antimony-containing compounds [2]
5/524 • • • Esters of phosphorous acids, e.g. of	7/00	Use of ingradiants sharestarized by share [2]
H <sub>3</sub> PO <sub>3</sub> [5]	7/00	Use of ingredients characterised by shape [2]
5/526 • • • • • with hydroxyaryl compounds <b>[5]</b>	7/02	<ul> <li>Fibres or whiskers [2]</li> <li>inorganic [2]</li> </ul>
5/527 • • • • Cyclic esters <b>[5]</b>	7/04	• • • Elements [2]
5/529 • • • Esters containing heterocyclic rings not	7/08	• • • Oxygen-containing compounds [2]
representing cyclic esters of phosphoric or	7/10	• • • Silicon-containing compounds [2]
phosphorous acids [5]	7/10	• • • • Asbestos [2]
5/53••bound to oxygen and to carbon only [2, 5]5/5313•••Phosphinic compounds, e.g.	7/12	• • • Glass [2]
$R_2=P(:O)OR'$ [5]	7/14	• Solid spheres [2]
5/5317 • • • • Phosphonic compounds, e.g. R—P(:O)	7/18	<ul> <li>inorganic [2]</li> </ul>
(OR') <sub>2</sub> [5]	7/20	• • • Glass [2]
5/5333 • • • • Esters of phosphonic acids <b>[5]</b>	7/20	<ul> <li>Expanded, porous or hollow particles [2]</li> </ul>
5/5337 • • • • • containing also halogens [5]	7/24	<ul> <li>inorganic [2]</li> </ul>
5/5353 • • • • • containing also nitrogen [5]	7/24	<ul> <li>• • • Silicon-containing compounds [2]</li> </ul>
5/5357 • • • • • • cyclic <b>[5]</b>	7/28	• • • Glass [2]
5/5373 • • • • • containing heterocyclic rings not	//20	
representing cyclic esters of	9/00	Use of pretreated ingredients (use of pretreated fibrous
phosphonic acids [5]		materials in the manufacture of articles or shaped
$5/5377 \cdot \cdot \cdot \cdot$ Phosphinous compounds, e.g. $R_2=P$ —OR' [5]		materials containing macromolecular substances C08J 5/06) [2]
5/5393 • • • Phosphonous compounds, e.g. R—	9/02	<ul> <li>Ingredients treated with inorganic substances [2]</li> </ul>
P(OR') <sub>2</sub> [5]	9/04	<ul> <li>Ingredients treated with organic substances [2]</li> </ul>
5/5397 • • • • Phosphine oxides <b>[5]</b>	9/06	<ul> <li>with silicon-containing compounds [2]</li> </ul>
5/5398 • • Phosphorus bound to sulfur [5]	9/08	• Ingredients agglomerated by treatment with a binding
5/5399 • • Phosphorus bound to nitrogen [5]		agent [2]
5/54 • Silicon-containing compounds [2]	9/10	Encapsulated ingredients [2]
5/541 • • containing oxygen [7]	9/12	Adsorbed ingredients [2]
5/5415 • • • containing at least one Si—O bond [7]	11/00	Use of ingredients of unknown constitution, e.g.
5/5419 • • • • containing at least one Si—C bond [7]	11/00	undefined reaction products [2]
5/5425 • • • containing at least one C=C bond [7]		F (-)
5/5435 • • • containing oxygen in a ring [7]	13/00	Use of mixtures of ingredients not covered by any
5/544 • • containing nitrogen <b>[7]</b>		single one of main groups C08K 3/00-C08K 11/00,
5/5445 • • • containing at least one Si—N bond <b>[7]</b>	10 (00	each of these compounds being essential [4]
	13/02	Organic and inorganic ingredients [4]
5/5455 • • • containing at least one $\ge N-C-$ group [7]	13/04	• Ingredients characterised by their shape and organic or inorganic ingredients [4]
5/5465 • • • containing at least one C=N bond [7]	13/06	<ul><li>or inorganic ingredients [4]</li><li>Pretreated ingredients and ingredients covered by the</li></ul>
5/5475 • • • containing at least one C≡N bond <b>[7]</b>	13/00	main groups C08K 3/00-C08K 7/00 [4]
5/548 • • containing sulfur <b>[7]</b>	13/08	<ul> <li>Ingredients of unknown constitution and ingredients</li> </ul>
5/549 • containing silicon in a ring <b>[7]</b>	10,00	covered by the main groups C08K 3/00-
5/55 • Boron-containing compounds [2]		C08K 9/00 <b>[4]</b>

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

# Note(s)

- 1. In this subclass, the following term is used with the meaning indicated:
  - "rubber" includes:
  - natural or conjugated diene rubbers; a.
  - rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for b. compositions of such macromolecular compounds).
- 2. In this subclass:
  - compositions are classified according to the mutual proportions by weight of only the macromolecular constituents; a.
  - compositions are classified according to the macromolecular constituent or constituents present in the highest proportion; if all these b. constituents are present in equal proportions the composition is classified according to each of these constituents.

#### C08L

- 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	
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	

#### **Compositions of polysaccharides or of their derivatives [2]**

1/00	Compositions of cellulose, modified cellulose, or cellulose derivatives [2]
1/02	Cellulose; Modified cellulose [2]
1/04	• • Oxycellulose; Hydrocellulose [2]
1/06	Cellulose hydrate [2]
1/08	Cellulose derivatives [2]
1/10	• • Esters of organic acids [2]
1/12	• • • Cellulose acetate [2]
1/14	• • • Mixed esters, e.g. cellulose acetate-butyrate [2]
1/16	• • Esters of inorganic acids [2]
1/18	• • • Cellulose nitrate [2]
1/20	<ul> <li>Esters of both organic acids and inorganic acids [2]</li> </ul>
1/22	Cellulose xanthate [2]
1/24	• • • Viscose <b>[2]</b>
1/26	Cellulose ethers [2]
1/28	• • • Alkyl ethers [2]
1/30	• • • Aryl ethers; Aralkyl ethers [2]
1/32	Cellulose ether-esters [2]
3/00	Compositions of starch, amylose or amylopectin or of their derivatives or degradation products [2]
3/02	• Starch; Degradation products thereof, e.g. dextrin [2]
3/04	Starch derivatives [2]
3/06	• • Esters [2]
3/08	• • Ethers <b>[2]</b>
3/10	Oxidised starch [2]
3/12	Amylose; Amylopectin; Degradation products thereof [2]
3/14	Amylose derivatives; Amylopectin derivatives [2]
3/16	• • Esters [2]
3/18	• • Ethers <b>[2]</b>
3/20	• • Oxidised amylose; Oxidised amylopectin [2]
5/00	Compositions of polysaccharides or of their derivatives not provided for in group C08L 1/00 or C08L 3/00 [2]
5/02	• Dextran; Derivatives thereof [2]
5/04	Alginic acid; Derivatives thereof [2]
5/06	Pectin; Derivatives thereof [2]
5/08	<ul> <li>Chitin; Chondroitin sulfate; Hyaluronic acid; Derivatives thereof [2]</li> </ul>

- 5/10 Heparin; Derivatives thereof [2]
- 5/12 Agar-agar; Derivatives thereof [2]
- 5/14 Hemicellulose; Derivatives thereof [2]
- 5/16 Cyclodextrin; Derivatives thereof [2]

#### **Compositions of rubbers or of their derivatives [2]**

7/00	Compositions of natural rubber [2]
7/02	• Latex [2]
9/00	Compositions of homopolymers or copolymers of conjugated diene hydrocarbons [2]
9/02	Copolymers with acrylonitrile [2]
9/04	• • Latex [2]
9/06	Copolymers with styrene [2]
9/08	• • Latex [2]
9/10	• Latex (C08L 9/04, C08L 9/08 take precedence) [2]
11/00	Compositions of homopolymers or copolymers of chloroprene [2]
11/02	• Latex [2]
13/00	Compositions of rubbers containing carboxyl groups [2]
13/02	• Latex [2]
15/00	<b>Compositions of rubber derivatives</b> (C08L 11/00, C08L 13/00 take precedence) <b>[4]</b>
15/02	• Rubber derivatives containing halogen [2]
17/00	Compositions of reclaimed rubber [2]
19/00	Compositions of rubbers not provided for in groups C08L 7/00-C08L 17/00 [2]
19/02	• Latex [2]
21/00	Compositions of unspecified rubbers [2]
21/02	• Latex [2]

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

<u>Donus [2]</u>			liyur
	<u>Note(s)</u>	27/00	Compo
	1. In groups C08L 23/00-C08L 49/00, "aliphatic		compor
	radical" means an acyclic or a non-aromatic		aliphat
	carbocyclic carbon skeleton which is considered		carbon termina
	to be terminated by every bond to: a. an element other than carbon;		derivat
	<ul><li>a. an element other than carbon;</li><li>b. a carbon atom having a double bond to one</li></ul>	27/02	<ul> <li>not n</li> </ul>
	atom other than carbon;	27/02	• • co
	c. an aromatic carbocyclic ring or a	27/04	• • •
	heterocyclic ring.	27700	
	2. In groups C08L 23/00-C08L 49/00, in the absence	27/08	
	of an indication to the contrary, a copolymer is	27,00	
	classified according to the major monomeric	27/10	• • co
	component.	27/12	• • co
23/00	Compositions of homopolymers or copolymers of	27/14	• • •
20/00	unsaturated aliphatic hydrocarbons having only one		
	carbon-to-carbon double bond; Compositions of	27/16	• • •
	derivatives of such polymers [2]		
23/02	<ul> <li>not modified by chemical after-treatment [2]</li> </ul>	27/18	• • •
23/04	• • Homopolymers or copolymers of ethene [2]		
23/06	• • • Polyethene [2]	27/20	• • •
23/08	• • Copolymers of ethene (C08L 23/16 takes		
	precedence) [2]	27/22	• modi
23/10	Homopolymers or copolymers of propene [2]	27/24	• • ha
23/12	• • • Polypropene [2]	20/00	Compo
23/14	Copolymers of propene (C08L 23/16 takes precedence) [2]	29/00	Compo compou
23/16	Ethene-propene or ethene-propene-diene copolymers [2]		aliphat carbon
23/18	<ul> <li>Homopolymers or copolymers of hydrocarbons</li> </ul>		termina acetal,
	having four or more carbon atoms <b>[2]</b>		polyme
23/20	• • • having four to nine carbon atoms [2]		saturat
23/22	• • • Copolymers of isobutene; Butyl rubber [2]		derivat
23/24	• • • having ten or more carbon atoms [2]	29/02	• Hom
23/26	<ul> <li>modified by chemical after-treatment [2]</li> </ul>		alcol
23/28	• • by reaction with halogens or halogen-containing	29/04	• • Po
	compounds (C08L 23/32 takes precedence) [2]		ho
23/30	• • by oxidation [2]		ur
23/32	• • by reaction with phosphorus- or sulfur-containing	20.100	ac
	compounds [2]	29/06	• • C
23/34	• • • by chlorosulfonation [2]	29/08	•••
23/36	• • by reaction with nitrogen-containing compounds,	29/10	• Hom
	e.g. by nitration [2]	20/12	(C08
25/00	Compositions of homopolymous or conclumous of	29/12	<ul> <li>Hom ketor</li> </ul>
25/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated	29/14	• Hom
	aliphatic radicals, each having only one carbon-to-	23/14	obtai
	carbon double bond, and at least one being		ketal
	terminated by an aromatic carbocyclic ring;		unsa
	Compositions of derivatives of such polymers [2]		
25/02	• Homopolymers or copolymers of hydrocarbons [2]	31/00	Compo
25/04	• • Homopolymers or copolymers of styrene [2]		compou
25/06	• • • Polystyrene [2]		aliphat
25/08	• • Copolymers of styrene (C08L 29/08,		carbon termina
	C08L 35/06, C08L 55/02 take precedence) [2]		carbox
25/10	• • • • with conjugated dienes [2]		acid (of
25/12	• • • • with unsaturated nitriles [2]		Compo
25/14	• • • • with unsaturated esters [2]	31/02	• Hom
25/16	• • Homopolymers or copolymers of alkyl-substituted		mone
	styrenes [2]	31/04	• • H
		31/06	• Hom

25/18	•	Homopolymers or copolymers of aromatic monomers
		containing elements other than carbon and
		hydrogen [2]

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]					
27/02	• not modified by chemical after-treatment <b>[2]</b>					
27/04	<ul> <li>containing chlorine atoms [2]</li> </ul>					
27/06	• • • Homopolymers or copolymers of vinyl chloride [2]					
27/08	• • • Homopolymers or copolymers of vinylidene chloride [2]					
27/10	<ul> <li>containing bromine or iodine atoms [2]</li> </ul>					
27/12	<ul> <li>containing fluorine atoms [2]</li> </ul>					
27/14	• • • Homopolymers or copolymers of vinyl fluoride [2]					
27/16	• • • Homopolymers or copolymers of vinylidene fluoride [2]					
27/18	• • • Homopolymers or copolymers of tetrafluoroethene [2]					
27/20	• • • Homopolymers or copolymers of hexafluoropropene [2]					
27/22	<ul> <li>modified by chemical after-treatment [2]</li> </ul>					
27/24	• • halogenated [2]					
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]					
29/02	<ul> <li>Homopolymers or copolymers of unsaturated alcohols (C08L 29/14 takes precedence) [2]</li> </ul>					
29/04	<ul> <li>Polyvinyl alcohol; Partially hydrolysed homopolymers or copolymers of esters of unsaturated alcohols with saturated carboxylic acids [2]</li> </ul>					
29/06	• • Copolymers of allyl alcohol [2]					
29/08	• • • with vinyl aromatic monomers <b>[2]</b>					
29/10	• Homopolymers or copolymers of unsaturated ethers (C08L 35/08 takes precedence) [2]					
29/12	<ul> <li>Homopolymers or copolymers of unsaturated ketones [2]</li> </ul>					
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 <b>[2]</b>					
31/00	obtained by polymerisation of unsaturated acetals or ketals or by after-treatment of polymers of					
<b>31/00</b> 31/02	<ul> <li>obtained by polymerisation of unsaturated acetals or ketals or by after-treatment of polymers of unsaturated alcohols [2]</li> <li>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);</li> </ul>					

31/04 • Homopolymers or copolymers of vinyl acetate [2
31/06 • Homopolymers or copolymers of esters of polycarboxylic acids [2]

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- 31/08 • of phthalic acid [2]
- 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]
   33/02 Homopolymers or copolymers of acids; Metal or
- Homopolymers or copolymers of acids; Metal or ammonium salts thereof [2]
- 33/04 Homopolymers or copolymers of esters [2]
- of esters containing only carbon, hydrogen, and oxygen, the oxygen atom being present only as part of the carboxyl radical [2]
- 33/08 • Homopolymers or copolymers of acrylic acid esters [2]
- 33/10 • Homopolymers or copolymers of methacrylic acid esters [2]
- 33/12 • Homopolymers or copolymers of methyl methacrylate [2]
- of esters containing halogen, nitrogen, sulfur, or oxygen atoms in addition to the carboxy oxygen [2]
- 33/16 • Homopolymers or copolymers of esters containing halogen atoms [2]
- 33/18 Homopolymers or copolymers of nitriles [2]
- 33/20 Homopolymers or copolymers of acrylonitrile (C08L 55/02 takes precedence) [2]
- 33/22 Homopolymers or copolymers of nitriles containing four or more carbon atoms [2]
- Homopolymers or copolymers of amides or imides [2]
- 33/26 • Homopolymers or copolymers of acrylamide or methacrylamide [2]
- 35/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-tocarbon 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]
- Homopolymers or copolymers of esters (C08L 35/06, C08L 35/08 take precedence) [2]
- Homopolymers or copolymers of nitriles (C08L 35/06, C08L 35/08 take precedence) [2]
- 35/06 Copolymers with vinyl aromatic monomers [2]
- 35/08 Copolymers with vinyl ethers [2]
- 37/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-tocarbon 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]
- 39/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-tocarbon 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]
- 39/02 Homopolymers or copolymers of vinylamine [2]

- Homopolymers or copolymers of monomers containing heterocyclic rings having nitrogen as ring member [2]
- 39/06 • Homopolymers or copolymers of N-vinylpyrrolidones [2]
- 39/08 • Homopolymers or copolymers of vinylpyridine [2]
- 41/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-tocarbon 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]
- 43/00 Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-tocarbon double bond, and containing boron, silicon, phosphorus, selenium, tellurium, or a metal; Compositions of derivatives of such polymers [2]
- 43/02 Homopolymers or copolymers of monomers containing phosphorus [2]
- 43/04 Homopolymers or copolymers of monomers containing silicon [2]
- 45/00 Compositions of homopolymers or copolymers of compounds having no unsaturated aliphatic radicals in a side chain, and having one or more carbon-tocarbon 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]
- 45/02 of coumarone-indene polymers [2]
- 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]
- 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]
- 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]
- 51/02 grafted on to polysaccharides [2]
- 51/04 grafted on to rubbers [2]
- 51/06 grafted on to homopolymers or copolymers of aliphatic hydrocarbons containing only one carbonto-carbon double bond [2]
- 51/08 grafted on to macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds [2]
- 51/10 grafted on to inorganic materials [3]
- 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]

- 53/02 of vinyl aromatic monomers and conjugated dienes [2]
- 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]
- 55/02 ABS [Acrylonitrile-Butadiene-Styrene] polymers [2]
- 55/04Polyadducts obtained by the diene synthesis [2] •
- Compositions of unspecified polymers obtained by 57/00reactions only involving carbon-to-carbon unsaturated bonds [2]
- 57/02 • Copolymers of mineral oil hydrocarbons [2]
- Copolymers in which only the monomer in minority 57/04 is defined [2]
- 57/06Homopolymers or copolymers containing elements • other than carbon and hydrogen [2]
- 57/08 • • containing halogen atoms [2]
- • containing oxygen atoms [2] 57/10
- 57/12• • containing nitrogen atoms [2]

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

59/00	<b>Compositions of polyacetals; Compositions of derivatives of polyacetals</b> (of polyvinyl acetals C08L 29/14) [2]
59/02	<ul> <li>Polyacetals containing polyoxymethylene sequences only [2]</li> </ul>
59/04	Copolyoxymethylenes [3]
61/00	<b>Compositions of condensation polymers of aldehydes</b> <b>or ketones</b> (with polyalcohols C08L 59/00; with polynitriles C08L 77/00); <b>Compositions of derivatives</b> <b>of such polymers [2]</b>
61/02	• Condensation polymers of aldehydes or ketones only <b>[2]</b>
61/04	• Condensation polymers of aldehydes or ketones with phenols only <b>[2]</b>
61/06	• • of aldehydes with phenols [2]
61/08	• • • with monohydric phenols [2]
61/10	• • • • Phenol-formaldehyde condensates [2]
61/12	• • • with polyhydric phenols [2]
61/14	• • • Modified phenol-aldehyde condensates [2]
61/16	• • of ketones with phenols [2]
61/18	<ul> <li>Condensation polymers of aldehydes or ketones with aromatic hydrocarbons or their halogen derivatives only [2]</li> </ul>
61/20	• Condensation polymers of aldehydes or ketones with only compounds containing hydrogen attached to nitrogen (with amino phenols C08L 61/04) [2]
61/22	<ul> <li>of aldehydes with acyclic or carbocyclic compounds [2]</li> </ul>
61/24	• • • with urea or thiourea [2]
61/26	• • of aldehydes with heterocyclic compounds [2]
61/28	• • • with melamine [2]
61/30	<ul> <li>of aldehydes with heterocyclic and acyclic or carbocyclic compounds [2]</li> </ul>
61/32	• • Modified amine-aldehyde condensates [2]
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 <b>[2]</b>
63/00	Compositions of epoxy resins; Compositions of derivatives of epoxy resins [2]

- Polyglycidyl ethers of bis-phenols [2] 63/02
- Epoxynovolacs [2] 63/04
- Triglycidylisocyanurates [2] 63/06
- 63/08 • Epoxidised polymerised polyenes [2]
- 63/10 • Epoxy resins modified by unsaturated compounds [2]

### Note(s)

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]
- 65/02 Polyphenylenes [2]
- 65/04 Polyxylylenes [2]
- 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]
- 67/02 · Polyesters derived from dicarboxylic acids and dihydroxy compounds (C08L 67/06 takes precedence) [2]
- 67/03 the dicarboxylic acids and dihydroxy compounds having the hydroxy and the carboxyl groups directly linked to aromatic rings [5]
- 67/04 · Polyesters derived from hydroxy carboxylic acids, e.g. lactones (C08L 67/06 takes precedence) [2]
- 67/06 Unsaturated polyesters [2]
- 67/07 having terminal carbon-to-carbon unsaturated • bonds [5]
- 67/08 • Polyesters modified with higher fatty oils or their acids, or with natural resins or resin acids [2]
- 69/00 Compositions of polycarbonates; Compositions of derivatives of polycarbonates [2]
- 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] 71/02
  - Polyalkylene oxides [2]
- 71/03 • • Polyepihalohydrins [5] 71/08· Polyethers derived from hydroxy compounds or from their metallic derivatives (C08L 71/02 takes
  - precedence) [5] .
- 71/10from phenols [5]
- 71/12• • Polyphenylene oxides [5]
- • Furfuryl alcohol polymers [5] 71/14

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] 73/02 Polyanhydrides [2]

- 75/00 **Compositions of polyureas or polyurethanes;** Compositions of derivatives of such polymers [2]
- 75/02 Polyureas [2]

#### C08L

75/04	Polyurethanes [2]				
75/06	• • from polyesters [2]				
75/08	• • from polyethers [2]				
75/10	from polyacetals [2]				
75/12	<ul> <li>from compounds containing nitrogen and active hydrogen, the nitrogen atom not being part of an isocyanate group [2]</li> </ul>				
75/14	<ul> <li>Polyurethanes having carbon-to-carbon unsaturated bonds [5]</li> </ul>				
75/16	• • • having terminal carbon-to-carbon unsaturated bonds <b>[5]</b>				
77/00	<b>Compositions of polyamides obtained by reactions</b> <b>forming a carboxylic amide link in the main chain</b> (of polyhydrazides C08L 79/06; of polyamide-imides or polyamide acids C08L 79/08); <b>Compositions of</b> <b>derivatives of such polymers [2]</b>				
77/02	<ul> <li>Polyamides derived from omega-amino carboxylic acids or from lactams thereof (C08L 77/10 takes precedence) [2]</li> </ul>				
77/04	<ul> <li>Polyamides derived from alpha-amino carboxylic acids (C08L 77/10 takes precedence) [2]</li> </ul>				
77/06	<ul> <li>Polyamides derived from polyamines and polycarboxylic acids (C08L 77/10 takes precedence) [2]</li> </ul>				
77/08	• • from polyamines and polymerised unsaturated fatty acids [2]				
77/10	<ul> <li>Polyamides derived from aromatically bound amino and carboxyl groups of amino carboxylic acids or of polyamines and polycarboxylic acids [2]</li> </ul>				
77/12	Polyester-amides [2]				
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]				
79/02	the macromolecule a linkage containing nitrogen with or without oxygen, or carbon only, not provided				
79/02 79/04	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]				
	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> </ul>				
79/04	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino-</li> </ul>				
79/04 79/06	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide</li> </ul>				
79/04 79/06 79/08 <b>81/00</b> 81/02	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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]</li> <li>Polythioethers; Polythioether-ethers [2]</li> </ul>				
79/04 79/06 79/08 81/00 81/02 81/04	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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]</li> <li>Polythioethers; Polythioether-ethers [2]</li> <li>Polysulfides [2]</li> </ul>				
79/04 79/06 79/08 81/00 81/02 81/04 81/06	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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]</li> <li>Polythioethers; Polythioether-ethers [2]</li> <li>Polysulfides [2]</li> <li>Polysulfides [2]</li> <li>Polysulfones; Polyethersulfones [2]</li> </ul>				
79/04 79/06 79/08 81/00 81/02 81/04 81/06 81/08	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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]</li> <li>Polythioethers; Polythioether-ethers [2]</li> <li>Polysulfides [2]</li> <li>Polysulfones; Polyethersulfones [2]</li> <li>Polysulfones; Polyethersulfones [2]</li> </ul>				
79/04 79/06 79/08 <b>81/00</b> 81/02 81/04 81/06 81/08 81/10 <b>83/00</b>	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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;</li> <li>Compositions of polysulfones; Compositions of derivatives of such polymers [2]</li> <li>Polythioethers; Polythioether-ethers [2]</li> <li>Polysulfides [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> <li>Polysulfides [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> </ul>				
79/04 79/06 79/08 81/00 81/00 81/04 81/08 81/10 83/00	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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]</li> <li>Polysulfides [2]</li> <li>Polysulfones; Polyethersulfones [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> <li>Polysulfones; Polythioether-ethers [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> <li>Polysilicates [2]</li> </ul>				
79/04 79/06 79/08 <b>81/00</b> 81/02 81/04 81/06 81/08 81/10 <b>83/00</b>	<ul> <li>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]</li> <li>Polyamines [2]</li> <li>Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]</li> <li>Polyhydrazides; Polytriazoles; Polyamino- triazoles; Polyoxadiazoles [2]</li> <li>Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2]</li> <li>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;</li> <li>Compositions of polysulfones; Compositions of derivatives of such polymers [2]</li> <li>Polythioethers; Polythioether-ethers [2]</li> <li>Polysulfides [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> <li>Polysulfides [2]</li> <li>Polysulfonates [2]</li> <li>Polysulfonamides; Polysulfonimides [2]</li> <li>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]</li> </ul>				

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

- 83/07 containing silicon bound to unsaturated aliphatic groups **[4]**
- 83/08 • containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and oxygen **[2]**
- 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]
- 83/12 • containing polyether sequences [2]
- 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]
- 83/16 in which all the silicon atoms are connected by linkages other than oxygen atoms [2]
- 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]
- 85/02 containing phosphorus [2]
- 85/04 containing boron [2]
- 87/00 Compositions of unspecified macromolecular compounds, obtained otherwise than by polymerisation reactions only involving unsaturated carbon-to-carbon bonds [2]

<u>Compositions of natural macromolecular compounds or of</u> <u>derivatives thereof [2]</u>

89/00	Compositions of proteins; Compositions of derivatives thereof [2]
89/02	Casein-aldehyde condensates [2]
89/04	<ul> <li>Products derived from waste materials, e.g. horn, hoof or hair [2]</li> </ul>
89/06	• • derived from leather or skin [2]
91/00	Compositions of oils, fats or waxes; Compositions of derivatives thereof [2]
91/02	• Vulcanised oils, e.g. factice [2]
91/04	• Linoxyn [2]
91/06	• Waxes [2]
91/08	• • Mineral waxes [2]
93/00	<b>Compositions of natural resins; Compositions of derivatives thereof</b> (of polysaccharides C08L 1/00-C08L 5/00; of natural rubber C08L 7/00) <b>[2]</b>
93/02	Shellac [2]
93/04	• Rosin [2]
95/00	Compositions of bituminous materials, e.g. asphalt, tar or pitch [2]
97/00	<b>Compositions of lignin-containing materials</b> (of polysaccharides C08L 1/00-C08L 5/00) <b>[2]</b>
97/02	• Lignocellulosic material, e.g. wood, straw or bagasse [2]
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]

# 101/00 Compositions of unspecified macromolecular compounds [2]

- 101/02 characterised by the presence of specified groups **[2]**
- 101/04 • containing halogen atoms **[2]**
- 101/06 containing oxygen atoms [2]
- 101/08 • Carboxyl groups **[2]**

- 101/10 • containing hydrolysable silane groups **[4]**
- 101/12 characterised by physical features, e.g. anisotropy, viscosity or electrical conductivity **[6]**
- 101/14 • the macromolecular compounds being water soluble or water swellable, e.g. aqueous gels [6]
- 101/16 the macromolecular compounds being biodegradable **[7]**