SECTION C — CHEMISTRY; METALLURGY

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

Note(s)

- Biocidal, pest repellant, pest attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01P
- 2. Processes using enzymes or micro-organisms in order to:
 - i. liberate, separate or purify a pre-existing compound or composition, or to
 - i. treat textiles or clean solid surfaces of materials

are further classified in subclass C12S.

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

Preparat	<u>ion</u>	3/12	 of polybasic organic acids
1/00	Preparatory treatment of cellulose for making derivatives thereof	3/14 3/16	 in which the organic acid residue contains substituents, e.g. NH₂, Cl Preparation of mixed organic cellulose esters
1/02	 Rendering cellulose suitable for esterification 	3/18	Aceto-butyrates
1/04	 for the preparation of cellulose nitrate 	3/20	Esterification with maintenance of the fibrous
1/06	 Rendering cellulose suitable for etherification 		structure of the cellulose (surface esterification of
1/08	Alkali cellulose		textiles D06M 13/00)
1/10	 Apparatus for the preparation of alkali cellulose 	3/22	• Post-esterification treatments, including purification
1/12	 • • Steeping devices 	3/24	 Hydrolysis or ripening
1/14	 Ripening devices 	3/26	 Isolation of the cellulose ester
3/00 3/02	Preparation of cellulose esters of organic acidsCatalysts used for the esterification	3/28 3/30	• by precipitation• Stabilisation (by addition of stabilisers C08K)
3/04	Cellulose formate	5/00	Preparation of cellulose esters of inorganic acids
3/06	Cellulose acetate	5/02	 Cellulose nitrate
3/08	 of monobasic organic acids with three or more carbon atoms 	5/04	 Post-esterification treatments, including purification
3/10	 with five or more carbon atoms 	5/06	 Isolation of the cellulose nitrate

5/08 5/10	• • Stabilisation (by addition of stabilisers C08K)• • Reducing the viscosity	30/02	• Preparatory treatment, e.g. crushing of raw materials (machines for preliminary washing A23N) [4]
5/12	Replacing the water by organic liquids	30/04	• Extraction or purification [4]
5/14	Cellulose sulfate	30/06	• Drying; Forming [4]
5711	Genulose surface	30/08	 Concentration of starch suspensions [4]
7/00	Preparation of cellulose esters of both organic and inorganic acids	30/10	Working-up residues from the starch extraction, including pressing water from the starch-extracted material [4]
9/00	Preparation of cellulose xanthate or viscose	30/12	 Degraded or non-chemically modified starch;
9/02	• Sulfidisers; Dissolvers	30/12	Bleaching of starch (preparation of chemical
9/04	 Continuous processes 		derivatives of starch C08B 31/00) [4]
9/06	Single-stage processes	30/14	• • Cold water dispersible or pregelatinised starch [4]
44.00	T	30/16	Apparatus therefor [4]
11/00	Preparation of cellulose ethers	30/18	• • Dextrin [4]
11/02	Alkyl or cycloalkyl ethers	30/20	Amylose or amylopectin (chemical derivatives
11/04	with substituted hydrocarbon radicals		thereof C08B 33/00, C08B 35/00) [4]
11/06	• • with halogen-substituted hydrocarbon radicals		
11/08	• • • with hydroxylated hydrocarbon radicals; Esters, ethers, or acetals thereof	31/00	Preparation of chemical derivatives of starch (chemical derivatives of amylose C08B 33/00; chemical
11/10	substituted with acid radicals	24 /02	derivatives of amylopectin C08B 35/00) [2]
11/12	• • • substituted with carboxylic radicals	31/02	• Esters [2]
11/14	• • with nitrogen-containing groups	31/04	• • of organic acids [2]
11/145	• • • with basic nitrogen, e.g. aminoalkyl	31/06	of inorganic acids [2]
44.4=	ethers [2]	31/08	• Ethers [2]
11/15	• • • with carbamoyl groups [2]	31/10	Alkyl or cycloalkyl ethers [2]
11/155 11/16	• • • with cyano groups, e.g. cyanoalkyl ethers [2]• Aryl or aralkyl ethers	31/12	 having alkyl or cycloalkyl radicals substituted by hetero atoms [2]
11/18	 with substituted hydrocarbon radicals 	31/14	 Aryl or aralkyl ethers [2]
11/187	 with olefinic unsaturated groups [2] 	31/16	• Ether-esters [2]
11/193	 Mixed ethers, i.e. ethers with two or more different etherifying groups [2] 	31/18	Oxidised starch [2]
11/20	Post-etherification treatments, including purification	33/00	Preparation of chemical derivatives of amylose [2]
11/22	• • Isolation	33/02	• Esters [2]
		33/04	• Ethers [2]
13/00	Preparation of cellulose ether-esters	33/06	• Ether-esters [2]
13/02	Cellulose ether xanthates	33/08	Oxidised amylose [2]
15/00	Preparation of other cellulose derivatives or modified cellulose	35/00	Preparation of chemical derivatives of amylopectin [2]
15/02	 Oxycellulose; Hydrocellulose; Cellulose hydrate 	35/02	• Esters [2]
15/04	 Carboxycellulose, e.g. prepared by oxidation with 	35/04	• Ethers [2]
	nitrogen dioxide	35/06	• Ether-esters [2]
15/05	 Derivatives containing elements other than carbon, hydrogen, oxygen, halogen, or sulfur (esters of 	35/08	Oxidised amylopectin [2]
	phosphorus acids C08B 5/00) [2]	37/00	Preparation of polysaccharides not provided for in
15/06	 containing nitrogen [2] 		groups C08B 1/00-C08B 35/00; Derivatives thereof
15/08	Fractionation of cellulose, e.g. separation of cellulose	2= /22	(cellulose D21) [4]
	crystallites [2]	37/02	• Dextran; Derivatives thereof [2]
15/10	Crosslinking of cellulose [2] Provided to the control of the	37/04	 Alginic acid; Derivatives thereof (foodstuff preparations A23L 1/05) [2]
16/00	Regeneration of cellulose [2]	37/06	Pectin; Derivatives thereof [2]
17/00	Apparatus for esterification or etherification of cellulose	37/08	Chitin; Chondroitin sulfate; Hyaluronic acid; Derivatives thereof [2]
17/02	for making organic esters of cellulose	37/10	Heparin; Derivatives thereof [2]
17/04	for making cellulose nitrate	37/12	Agar-agar; Derivatives thereof [2]
17/06	for making cellulose ethers	37/14	Hemicellulose; Derivatives thereof [2]
	-	37/16	Cyclodextrin; Derivatives thereof [2]
30/00	Preparation of starch, degraded or non-chemically modified starch, amylose, or amylopectin [4]	37/18	 Reserve carbohydrates, e.g. glycogen, inulin, laminarin; Derivatives thereof [4]

C08C TREATMENT OR CHEMICAL MODIFICATION OF RUBBERS

Note(s)

Preparation

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).

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1/00 1/02	 Treatment of rubber latex Chemical or physical treatment of rubber latex before or during concentration 	19/02	In groups C08C 19/02-C08C 19/30 in the absence of an indication to the contrary, a process is classified in the last appropriate place. • 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]
1 /07	particles [2]	19/12	 Incorporating halogen atoms into the molecule [2]
1/07	 characterised by the agglomerating agents used [2] 	19/14	by reaction with halogens [2]
1/075	• • Concentrating [2]	19/16	 by reaction with hydrogen halides [2]
1/08	• • • with the aid of creaming agents [2]	19/18	by reaction with hydrocarbons substituted by halogen [2]
1/10	• • • by centrifugation [2]	19/20	 Incorporating sulfur atoms into the molecule [2]
1/12	• • • by evaporation [2]	19/20	 Incorporating startal atoms into the molecule [2] Incorporating nitrogen atoms into the molecule [2]
1/14	Coagulation	19/24	 Incorporating phosphorus atoms into the molecule [2]
1/15	• characterised by the coagulants used [2]	19/25	 Incorporating phosphorus atoms into the molecule [5]
1/16	• • in floc form	19/26	 Incorporating metal atoms into the molecule [2]
2/00	Treatment of rubber solutions [2]	19/28	Reaction with compounds containing carbon-to-
2/02	• Purification [2]	13/20	carbon unsaturated bonds (graft polymers C08F) [2]
2/02	Removal of catalyst residues [2]	19/30	Addition of a reagent which reacts with a hetero atom
2/06	Winning of rubber from solutions [2]	13730	or a group containing hetero atoms of the macromolecule [2]
3/00	Treatment of coagulated rubber	19/32	 reacting with halogens or halogen-containing
3/02	• Purification [2]		groups [2]
4/00	Treatment of rubber before vulcanisation, not	19/34	 reacting with oxygen or oxygen-containing groups [2]
	provided for in groups C08C 1/00-C08C 3/02 [2]	19/36	• • • with carboxy radicals [2]
40 /00		19/38	• • • with hydroxy radicals [2]
19/00	Chemical modification of rubber (crosslinking agents, other than provided for by group C08C 19/30,	19/40	• • • with epoxy radicals [2]
	C08K) [2]	19/42	 reacting with metals or metal-containing groups [2]
		19/44	• • • of polymers containing metal atoms exclusively at one or both ends of the skeleton [2]

Note(s)

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; 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)

- 1. In this subclass, boron or silicon are considered as metals.
- 2. 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. CH₂=CH—O—CH₂-CH₂—NH—COO—CH₂-CH₂—OH are classified in group C08F 16/28;

CH₂=CH−C−CH=CH₂
are classified in group C08F 16/36;
CH₂=CH−CD−CI 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.
- In this subclass:
 - 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.
- 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	
Homopolymers	136/00
Copolymers	
Homopolymers and copolymers of compounds having one or more carbon-to-carbon triple bonds	
Homopolymers	
Copolymers	238/00
Copolymers of hydrocarbons and mineral oils	
Copolymers of drying oils with other monomers	
Coumarone-indene copolymers	
Copolymers in which the nature of only the monomers in minority is defined	
Graft polymers; Polymers cross-linked with unsaturated monomers	251/00-292/00
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	
Subject matter not provided for in other groups of this subclass	301/00

Processes; Catalysts

2/00 Processes of polymerisation [2]

characterised by special features of the polymerisation apparatus used [7]

2/02 • Polymerisation in bulk [2]

2/04 • Polymerisation in solution (C08F 2/32 takes precedence) [2]

2/06 • • Organic solvent [2]

2/08 • • • with the aid of dispersing agents for the polymer [2]

2/10 • • Aqueous solvent [2]

Polymerisation in non-solvents (C08F 2/32 takes precedence) [2]

2/14 • • Organic medium [2]

2/16 • • Aqueous medium **[2]**

2/18 • • • Suspension polymerisation [2]

2/20 • • • with the aid of macromolecular dispersing agents [2]

2/22 • • • Emulsion polymerisation [2]

2/24 • • • with the aid of emulsifying agents [2]

2/26 • • • • anionic [2]

2/28	• • • • cationic [2]	4/46	• • • selected from alkali metals [2]
2/30	• • • • non-ionic [2]	4/48	• • • selected from lithium, rubidium, caesium, or
2/32	Polymerisation in water-in-oil emulsions [2]	4/50	francium [2]
2/34	Polymerisation in gaseous state [2]	4/50	 • selected from alkaline earth metals, zinc, cadmium, mercury, copper, or silver [2]
2/36	Polymerisation in solid state [2] Polymerisation using variables as a phair	4/52	• • selected from boron, aluminium, gallium,
2/38	 Polymerisation using regulators, e.g. chain terminating agents [2] 	4/ 52	indium, thallium, or rare earths (C08F 4/14
2/40	• using retarding agents [2]		takes precedence) [2]
2/42	• using short-stopping agents [2]	4/54	• • together with other compounds thereof [2]
2/44	Polymerisation in the presence of compounding	4/56	• • • Alkali metals being the only metals present,
	ingredients, e.g. plasticisers, dyestuffs, fillers [2]		e.g. Alfin catalysts [2]
2/46	 Polymerisation initiated by wave energy or particle 	4/58	 together with silicon, germanium, tin, lead, antimony, bismuth, or compounds thereof [2]
	radiation [2]	4/60	• • together with refractory metals, iron group
2/48	by ultra-violet or visible light [2]	4/00	metals, platinum group metals, manganese,
2/50	• • • with sensitising agents [2]		technetium, rhenium, or compounds
2/52	• • by electric discharge, e.g. voltolisation [2]		thereof [2, 5]
2/54	• by X-rays or electrons [2]		Note(s)
2/56	by ultrasonic vibrations [2] Delens visation initiated by direct analysis of a few properties.		• •
2/58	Polymerisation initiated by direct application of electric current (electrolytic processes, e.g.		In groups C08F 4/602-C08F 4/62, the following term is used with the meaning indicated:
2/60	electrophoresis, C25) [2]Polymerisation by the diene synthesis [2]		 "component" comprises a transition metal or a compound thereof, pretreated or not
2/60	• Polymensation by the diene synthesis [2]		(pretreatment C08F 4/61, C08F 4/63,
4/00	Polymerisation catalysts (catalysts in general B01J) [2]		C08F 4/65).
4/02	Carriers therefor [2]	4/602	• • • Component covered by group C08F 4/60 with an organo-aluminium compound [5]
	Note(s)	4/603	• • • Component covered by group C08F 4/60
	When classifying in groups C08F 4/04-C08F 4/42,		with a metal or compound covered by group
	classification may also be made in group C08F 4/02, if		C08F 4/44 other than an organo-aluminium
4.40.4	a carrier is of particular interest.		compound [5]
4/04	• Azo-compounds [2]	4/605	• • • Component covered by group C08F 4/60 with a metal or compound covered by group
4/06	 Metallic compounds other than hydrides and other than metallo-organic compounds; Boron halide or 		C08F 4/44, not provided for in a single
	aluminium halide complexes with organic		group of groups C08F 4/602 or
	compounds containing oxygen [2]		C08F 4/603 [5]
4/08	• • of alkali metals [2]	4/606	• • • Catalysts comprising at least two different
4/10	 of alkaline earth metals, zinc, cadmium, mercury, copper, or silver [2] 		metals, in metallic form or as compounds thereof, in addition to the component
4/12	• • of boron, aluminium, gallium, indium, thallium, or	4.60=	covered by group C08F 4/60 [5]
	rare earths [2]	4/607	• • • Catalysts containing a specific non-metal or metal-free compound [5]
4/14	Boron halides or aluminium halides;	4/608	• • • • inorganic [5]
	Complexes thereof with organic compounds	4/609	• • • • organic [5]
4/16	containing oxygen [2] • of silicon, germanium, tin, lead, titanium,	4/61	• • • Pretreating the metal or compound covered
4/10	zirconium or hafnium [2]	4/01	by group C08F 4/60 before the final
4/18	• • • Oxides [2]		contacting with the metal or compound
4/20	of antimony, bismuth, vanadium, niobium, or		covered by group C08F 4/44 [5]
	tantalum [2]	4/611	• • • • Pretreating with non-metals or metal-free
4/22	• • of chromium, molybdenum, or tungsten [2]	4/640	compounds [5]
4/24	• • • Oxides [2]	4/612	• • • • Pretreating with metals or metal- containing compounds [5]
4/26	 of manganese, iron group metals, or platinum group metals [2] 	4/613	• • • • with metals covered by group
4/28	Oxygen or compounds releasing free oxygen (redox		C08F 4/60 or compounds thereof [5]
17 20	systems C08F 4/40) [2]	4/614	• • • • • with magnesium or compounds
4/30	• • Inorganic compounds [2]	4/615	thereof [5]
4/32	Organic compounds [2]	4/615	• • • • • with aluminium or compounds thereof [5]
4/34	• • Per-compounds with one peroxy-radical [2]	4/616	• • • • • with silicon or compounds thereof [5]
4/36	Per-compounds with more than one peroxy-	4/617	• • • • • with metals or metal-containing
	radical [2]	1, 01,	compounds, not provided for in groups
4/38	• • Mixtures of peroxy-compounds [2]		C08F 4/613-C08F 4/616 [5]
4/40	• Redox systems [2]	4/618	• • • • with metals or metal-containing
4/42	 Metals; Metal hydrides; Metallo-organic compounds; Use thereof as catalyst precursors [2] 		compounds, provided for in at least
4/44	selected from light metals, zinc, cadmium,		two of the groups C08F 4/613- C08F 4/617 [5]
 / /-	mercury, copper, silver, gold, boron, gallium,		C00F 4/01/ [3]
	indium, thallium, rare earths, or actinides [2]		

6

4/619	•	•	•	•	CC	Component covered by group C08F 4/60 4/60 ontaining a transition metal-carbon ond [2006.01]	645	•	•	•	•	•	•	•	Component covered by group C08F 4/64 with a metal or compound covered by group C08F 4/44, not
4/6192	•	•	•	•	•	containing at least one cyclopentadienyl ring, condensed or not, e.g. an indenyl or a fluorenyl ring [2006.01] 4/6	646	•	•	•	•	•	•	•	provided for in a single group of groups C08F 4/642-C08F 4/643 [5] Catalysts comprising at least two
4/62	•	•	•	•	R	Refractory metals or compounds thereof [2]									different metals, in metallic form or as
4/622	•	•	•	•	•	Component covered by group C08F 4/62									compounds thereof, in addition to the
						with an organo-aluminium compound [5]									component covered by group C08F 4/64 [5]
4/623	•	•	•	•	•	Component covered by group C08F 4/62	17		_		_	_			
						with a metal or compound covered by 4/6	04/	•	•	•	•	•	•	•	Catalysts containing a specific non-
						group C08F 4/44 other than an organo-	10		_		_	_			metal or metal-free compound [5]
						aluminium compound [5] 4/6		•	•	•	•	•	•	•	• inorganic [5]
4/625	•	•	•	•	•	Component covered by group C08F 4/62 4/6		•	•	•	•	•	•	•	• organic [5]
						with a metal or compound covered by group C08F 4/44, not provided for in a	5	•	•	•	•	•	•	•	Pretreating the metal or compound covered by group C08F 4/64 before
						single group of groups C08F 4/622 or									the final contacting with the metal or
						C08F 4/623 [5]									compound covered by group
4/626						Catalysts comprising at least two different									C08F 4/44 [5]
17 020						metals, in metallic form or as compounds 4/6	551		•				,		Pretreating with non-metals or
						thereof, in addition to the component									metal-free compounds [5]
						covered by group C08F 4/62 [5] 4/6	552	•	•	•	•		,	•	Pretreating with metals or metal-
4/627	•	•	•	•	•	Catalysts containing a specific non-metal									containing compounds [5]
						or metal-free compound [5] 4/6	553	•	•	•	•	•	•	•	 with metals covered by group
4/628	•	•	•	•	•	• inorganic [5]									C08F 4/64 or compounds
4/629	•	•	•	•	•	organic [5]									thereof [5]
4/63	•	•	•	•	•	Pretreating the metal or compound 4/6	554	•	•	•	•	•	•	•	with magnesium or compounds
						covered by group C08F 4/62 before the									thereof [5]
						final contacting with the metal or 4/6	555	•	•	•	•	•	•	•	• • with aluminium or compounds
						compound covered by group C08F 4/44 [5] 4/6	: C								thereof [5]
4/631						• Pretreating with non-metals or metal-	סכנ	•	•	٠	٠	•	•	•	• • with silicon or compounds thereof [5]
4/001						free compounds [5] 4/6	557						,		 with metals or metal-containing
4/632						Pretreating with metals or metal-),)								compounds, not provided for in
17 002						containing compounds [5]									groups C08F 4/653-
4/633	•					with metals covered by group									C08F 4/656 [5]
						C08F 4/62 or compounds 4/6	558	•	•	•	•	•	•	•	 with metals or metal-containing
						thereof [5]									compounds, not provided for in a
4/634	•	•	•	•	•	 with magnesium or compounds 									single group of groups
						thereof [5]	750		_		_	_			C08F 4/653-C08F 4/657 [5]
4/635	•	•	•	•	•	with araniman or compounds	559	•	٠	٠	•	•	•	•	Component covered by group C08F 4/64 containing a transition
4/636	_	_	_	_	_	thereof [5]									metal-carbon bond [2006.01]
4/030	٠	٠	•	•	•	• • with silicon or compounds thereof [5] 4/6	5592						,		containing at least one
4/637						with metals or metal-containing									cyclopentadienyl ring, condensed or
47 007						compounds, not provided for in									not, e.g. an indenyl or a fluorenyl
						groups C08F 4/633-C08F 4/636 [5]									ring [2006.01]
4/638	•	•	•	•	•	• • with metals or metal-containing 4/6	58	•	•	•	•	•			anadium, niobium, tantalum, or
						compounds, not provided for in a								CO	ompounds thereof [2]
						single group of groups C08F 4/633-	685	•	•	•	•	•	•	•	Vanadium or compounds thereof in
4/620						C08F 4/637 [5]									combination with titanium or compounds thereof [5]
4/639	•	•	•	•	•	Component covered by group C08F 4/62 containing a transition metal-carbon 4/6	39						,	Cl	hromium, molybdenum, tungsten or
						containing a transition metal-carbon 4/6 bond [2006.01]).)								ompounds thereof [5]
4/6392						• containing at least one 4/6	595		•			ľ			ganese, technetium, rhenium or
47 0002						cyclopentadienyl ring, condensed or									pounds thereof [5]
						not, e.g. an indenyl or a fluorenyl 4/7	70	•	•	•	•	I	ro	n	group metals, platinum group metals, or
						ring [2006.01]									pounds thereof [2]
4/64	•	•	•	•	•	Titanium, zirconium, hafnium, or 4/7.	72	•	•						om metals not provided for in group
						compounds thereof [2]									(C08F 4/54-C08F 4/70 take
4/642	•	•	•	•	•	• Component covered by group	7.4			_					e) [2]
						C08F 4/64 with an organo-aluminium 4/7		•	•						l from refractory metals [2]
4/643	_	_			_	compound [5] 4/7 • Component covered by group	'b	•	•	•	•				ted from titanium, zirconium, hafnium, dium, niobium, or tantalum [2]
4/ 043	•	٠	•	-	•	Component covered by group CosF 4/64 with a metal or compound 4/7	7 Q			_					eted from chromium, molybdenum, or
						covered by group C08F 4/44 other	U	•	•	•	٠				sten [2]
						than an organo-aluminium 4/8	30				ç			_	l from iron group metals or platinum
						compound [5]									netals [2]
											_		•		

4/82	• • • pi-Allyl complexes [2]	Homopo	lymers or copolymers [2]
6/00	Post-polymerisation treatments (C08F 8/00 takes precedence; of conjugated diene rubbers C08C) [2]	10/00	Homopolymers or copolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-
6/02	Neutralisation of the polymerisation mass, e.g. killing COOF 2/42/50	10/00	carbon double bond [2]
C /O 4	the catalyst (short-stopping C08F 2/42) [2]	10/02	• Ethene [2]
6/04	Fractionation [2] Treatment of polymer colutions [2]	10/04	• Monomers containing three or four carbon atoms [2]
6/06	Treatment of polymer solutions [2] Demoval of catalyst residues [3]	10/06	• • Propene [2]
6/08	• • Removal of catalyst residues [2]	10/08	• • Butenes [2]
6/10	 Removal of volatile materials, e.g. monomers, solvents [2] 	10/10 10/14	• • • Isobutene [2]
6/12	Separation of polymers from solutions [2]	10/14	• Monomers containing five or more carbon atoms [2]
6/14	Treatment of polymer emulsions [2]	12/00	Homopolymers or copolymers of compounds having
6/16	Purification [2]		one or more unsaturated aliphatic radicals, each
6/18	 Increasing the size of the dispersed particles [2] 		having only one carbon-to-carbon double bond, and
6/20	Concentration [2]		at least one being terminated by an aromatic
6/22	Coagulation [2]	10.400	carbocyclic ring [2]
6/24	Treatment of polymer suspensions [2]	12/02	Monomers containing only one unsaturated aliphatic redical [2]
6/26	Treatment of polymers prepared in bulk [2]	12/04	radical [2] • containing one ring [2]
6/28	• • Purification [2]	12/04 12/06	• • • Hydrocarbons [2]
0,20	1 a.mea.co. [-]	12/08	• • • • Styrene [2]
8/00	Chemical modification by after-treatment (graft	12/00	• • • containing a branched unsaturated aliphatic
	polymers, block polymers, crosslinking with unsaturated monomers or with polymers C08F 251/00-C08F 299/00; of conjugated diene rubbers C08C; crosslinking in		radical or an alkyl radical attached to the ring [2]
	general C08J) [2]	12/14	• • • substituted by hetero atoms or groups containing hetero atoms [2]
	Note(s)	12/16	· · · · Halogens [2]
	In groups C08F 8/02-C08F 8/50, in the absence of an	12/18	• • • • Chlorine [2]
	indication to the contrary, a process is classified in the last appropriate place.	12/20	• • • • Fluorine [2]
8/02	Alkylation [2]	12/22	• • • • Oxygen [2]
8/04	Reduction, e.g. hydrogenation [2]	12/24	• • • • Phenols or alcohols [2]
8/06	Oxidation [2]	12/26	• • • • Nitrogen [2]
8/08	• Epoxidation [2]	12/28	· · · · · Amines [2]
8/10	• Acylation [2]	12/30	• • • • Sulfur [2]
8/12	Hydrolysis [2]	12/32 12/34	containing two or more rings [2] Monomore containing two or more uncerturated.
8/14	• Esterification [2]	12/34	 Monomers containing two or more unsaturated aliphatic radicals [2]
8/16	Lactonisation [2]	12/36	Divinylbenzene [2]
8/18	Introducing halogen atoms or halogen-containing groups [2]	14/00	Homopolymers or copolymers of compounds having
8/20	Halogenation [2]		one or more unsaturated aliphatic radicals, each
8/22	• • by reaction with free halogens [2]		having only one carbon-to-carbon double bond, and
8/24	Haloalkylation [2]		at least one being terminated by a halogen [2]
8/26	Removing halogen atoms or halogen-containing	14/02	 Monomers containing chlorine [2]
0,20	groups from the molecule [2]	14/04	 Monomers containing two carbon atoms [2]
8/28	 Condensation with aldehydes or ketones [2] 	14/06	• • Vinyl chloride [2]
8/30	 Introducing nitrogen atoms or nitrogen-containing 	14/08	• • Vinylidene chloride [2]
	groups (polymeric products of isocyanates or	14/12	• • • 1, 2-Dichloroethene [2]
	thiocyanates C08G) [2]	14/14	Monomers containing three or more carbon
8/32	 by reaction with amines [2] 	14/16	atoms [2]
8/34	Introducing sulfur atoms or sulfur-containing	14/16	Monomers containing bromine or iodine [2] Monomers containing fluoring [2]
	groups [2]	14/18	Monomers containing fluorine [2] Xr = 1 fluorine [2]
8/36	• • Sulfonation; Sulfation [2]	14/20 14/22	Vinyl fluoride [2]Vinylidene fluoride [2]
8/38	Sulfohalogenation [2] Lived sixted and leave to the substantial state of the substantial s	14/22 14/24	Vinyfidene Huoride [2] Trifluorochloroethene [2]
8/40	Introducing phosphorus atoms or phosphorus- containing groups [2]	14/24	Tetrafluoroethene [2]
8/42	containing groups [2]Introducing metal atoms or metal-containing	14/28	Hexafluoropropene [2]
6	groups [2]	16/00	Homopolymers or copolymers of compounds having
8/44	Preparation of metal salts or ammonium salts [2]	10/00	one or more unsaturated aliphatic radicals, each
8/46	 Reaction with unsaturated dicarboxylic acids or anhydrides thereof, e.g. maleinisation [2] 		having only one carbon-to-carbon double bond, and at least one being terminated by an alcohol, ether,
8/48	 Isomerisation; Cyclisation [2] 		aldehydo, ketonic, acetal, or ketal radical [2]
8/50	 Partial depolymerisation [2] 	16/02	by an alcohol radical [2]
		16/04	Acyclic compounds [2]

16/06	Polyvinyl alcohol [2]	20/24	 containing perhaloalkyl radicals [2]
16/08	• • • Allyl alcohol [2]	20/26	 • Esters containing oxygen in addition to the
16/10	 Carbocyclic compounds [2] 		carboxy oxygen [2]
16/12	by an ether radical [2]	20/28	 containing no aromatic rings in the alcohol
16/14	 Monomers containing only one unsaturated 		moiety [2]
	aliphatic radical [2]	20/30	• • • containing aromatic rings in the alcohol
16/16	 Monomers containing no hetero atoms other 	00/00	moiety [2]
	than the ether oxygen [2]	20/32	• • • containing epoxy radicals [2]
16/18	• • • • Acyclic compounds [2]	20/34	Esters containing nitrogen [2]
16/20	• • • • Monomers containing three or more	20/36	• • • containing oxygen in addition to the carboxy
	carbon atoms in the unsaturated aliphatic	20/20	oxygen [2]
16/22	radical [2]	20/38	• • • Esters containing sulfur [2]
16/22	• • • Carbocyclic compounds [2]	20/40	• • Esters of unsaturated alcohols [2]
16/24	• • • Monomers containing halogen [2]	20/42	Nitriles [2] Agraphanitrile [2]
16/26	 • Monomers containing oxygen atoms in addition to the ether oxygen [2] 	20/44	• • • Acrylonitrile [2]
16/28	• • Monomers containing nitrogen [2]	20/50	• • • containing four or more carbon atoms [2]
16/30	• • Monomers containing sulfur [2]	20/52	Amides or imides [2] Amides [2]
16/32	Monomers containing two or more unsaturated	20/54	• • • Amides [2]
10/32	aliphatic radicals [2]	20/56	• • • • Acrylamide; Methacrylamide [2]
16/34	by an aldehydo radical [2]	20/58	 containing oxygen in addition to the carbonamido oxygen [2]
16/36	by a ketonic radical [2]	20/60	• • • containing nitrogen in addition to the
16/38	• by an acetal or ketal radical [2]	20/00	carbonamido nitrogen [2]
10/50	by all acctar of retaination [2]	20/62	Monocarboxylic acids having ten or more carbon
18/00	Homopolymers or copolymers of compounds having	207 02	atoms; Derivatives thereof [2]
	one or more unsaturated aliphatic radicals, each	20/64	• • Acids; Metal salts or ammonium salts thereof [2]
	having only one carbon-to-carbon double bond, and	20/66	• • Anhydrides [2]
	at least one being terminated by an acyloxy radical of	20/68	• • Esters [2]
	a saturated carboxylic acid, of carbonic acid, or of a haloformic acid [2]	20/70	Nitriles; Amides; Imides [2]
18/02	Esters of monocarboxylic acids [2]		
18/04	• • Vinyl esters [2]	22/00	Homopolymers or copolymers of compounds having
	vingresters [=]		one or more unsaturated aliphatic radicals, each
18/06	 Vinvl formate [2] 		
18/06 18/08	• • Vinyl formate [2] • • Vinyl acetate [2]		having only one carbon-to-carbon double bond, and
18/08	• • Vinyl acetate [2]		having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical
	 • Vinyl acetate [2] • of monocarboxylic acids containing three or		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
18/08	Vinyl acetate [2]of monocarboxylic acids containing three or more carbon atoms [2]		having only one carbon-to-carbon double bond, and at least one being terminated by a carboxyl radical
18/08 18/10	 • Vinyl acetate [2] • of monocarboxylic acids containing three or	22/02	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,
18/08 18/10	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more 	22/02 22/04	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]
18/08 18/10 18/12	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] 		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]
18/08 18/10 18/12 18/14	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] 	22/04	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] • Anhydrides, e.g. cyclic anhydrides [2]
18/08 18/10 18/12 18/14	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon 	22/04 22/06	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2]
18/08 18/10 18/12 18/14 18/16	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] 	22/04 22/06 22/10	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2]
18/08 18/10 18/12 18/14 18/16 18/18	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] 	22/04 22/06 22/10 22/12	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] 	22/04 22/06 22/10 22/12 22/14	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 	22/04 22/06 22/10 22/12 22/14 22/16	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters having free carboxylic acid groups [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] Homopolymers or copolymers of compounds having 	22/04 22/06 22/10 22/12 22/14 22/16 22/18	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters having free carboxylic acid groups [2] • Esters containing halogen [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 • • Vinyl acetate [2] • • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each 	22/04 22/06 22/10 22/12 22/14 22/16 22/18	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters containing halogen [2] • Esters containing oxygen in addition to the carboxy oxygen [2] • Esters containing nitrogen [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and 	22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters having free carboxylic acid groups [2] • Esters containing halogen [2] • Esters containing oxygen in addition to the carboxy oxygen [2] • Esters containing nitrogen [2] • Esters containing sulfur [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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 	22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters containing halogen [2] • Esters containing oxygen in addition to the carboxy oxygen [2] • Esters containing nitrogen [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and 	22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters having free carboxylic acid groups [2] • Esters containing halogen [2] • Esters containing oxygen in addition to the carboxy oxygen [2] • Esters containing nitrogen [2] • Esters containing sulfur [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24	 • Vinyl acetate [2] • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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 	22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26	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] • Anhydrides, e.g. cyclic anhydrides [2] • Maleic anhydride [2] • Esters [2] • of phenols or saturated alcohols [2] • Esters having no free carboxylic acid groups [2] • Esters having free carboxylic acid groups [2] • Esters containing halogen [2] • Esters containing oxygen in addition to the carboxy oxygen [2] • Esters containing nitrogen [2] • Esters containing sulfur [2] • of unsaturated alcohols [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00	 • • Vinyl acetate [2] • • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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] • Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/18 22/20 22/22 22/24 22/26 22/28	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] Anhydrides, e.g. cyclic anhydrides [2] Besters [2] Besters [2] Besters [2] Besters having no free carboxylic acid groups [2] Besters having free carboxylic acid groups [2] Besters containing halogen [2] Besters containing oxygen in addition to the carboxy oxygen [2] Besters containing nitrogen [2] Besters containing sulfur [2] Besters containing sulfur [2] Besters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00	 • • Vinyl acetate [2] • • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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] • Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] • Acids; Metal salts or ammonium salts thereof [2] 	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	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] Anhydrides, e.g. cyclic anhydrides [2] Maleic anhydride [2] Esters [2] of phenols or saturated alcohols [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Diallyl maleate [2] Nitriles [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00	 • • Vinyl acetate [2] • • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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] • Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] • Acids; Metal salts or ammonium salts thereof [2] • Acrylic acid; Methacrylic acid; Metal salts or 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32	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] Anhydrides, e.g. cyclic anhydrides [2] Besters [2] Besters [2] Besters [2] Besters having no free carboxylic acid groups [2] Besters having free carboxylic acid groups [2] Besters containing halogen [2] Besters containing oxygen in addition to the carboxy oxygen [2] Besters containing nitrogen [2] Besters containing sulfur [2] Besters containing sulfur [2] Besters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/04 20/06	 • • Vinyl acetate [2] • • of monocarboxylic acids containing three or more carbon atoms [2] • with unsaturated alcohols containing three or more carbon atoms [2] • Esters of polycarboxylic acids [2] • with alcohols containing three or more carbon atoms [2] • Diallyl phthalate [2] • Esters containing halogen [2] • Esters containing nitrogen [2] • Esters of carbonic or haloformic acids [2] 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] • Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] • Acids; Metal salts or ammonium salts thereof [2] • Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34	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] Anhydrides, e.g. cyclic anhydrides [2] Maleic anhydride [2] Esters [2] of phenols or saturated alcohols [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Amides [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/04 20/06 20/08	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36	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] Anhydrides, e.g. cyclic anhydrides [2] Maleic anhydride [2] Esters [2] of phenols or saturated alcohols [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Diallyl maleate [2] Nitriles [2] Alpha-cyano-acrylic acid; Esters thereof [2] Middles or imides [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/02 20/04 20/06 20/08 20/10	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] Esters [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36 22/38 22/40	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] Anhydrides, e.g. cyclic anhydrides [2] Maleic anhydride [2] Esters [2] of phenols or saturated alcohols [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Middes, e.g. cyclic imides [2]
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/02 20/04 20/06 20/08 20/10 20/12	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] Esters [2] for monohydric alcohols or phenols [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36 22/36 22/38	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] Anhydrides, e.g. cyclic anhydrides [2] Besters [2] of phenols or saturated alcohols [2] Esters [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Amides, e.g. cyclic imides [2] Homopolymers or copolymers of compounds having
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/02 20/04 20/06 20/08 20/10 20/12 20/14	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] Esters [2] Methyl esters [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36 22/38 22/40	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] Anhydrides, e.g. cyclic anhydrides [2] Besters [2] of phenols or saturated alcohols [2] Esters [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Amides, e.g. cyclic imides [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/02 20/04 20/06 20/08 20/10 20/12	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] Esters [2] Methyl esters [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36 22/38 22/40	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] Anhydrides, e.g. cyclic anhydrides [2] Maleic anhydride [2] Esters [2] of phenols or saturated alcohols [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Amides or imides [2] Imides, e.g. cyclic imides [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and
18/08 18/10 18/12 18/14 18/16 18/18 18/20 18/22 18/24 20/00 20/02 20/02 20/04 20/06 20/08 20/10 20/12 20/14	 Vinyl acetate [2] of monocarboxylic acids containing three or more carbon atoms [2] with unsaturated alcohols containing three or more carbon atoms [2] Esters of polycarboxylic acids [2] with alcohols containing three or more carbon atoms [2] Diallyl phthalate [2] Esters containing halogen [2] Esters containing nitrogen [2] Esters of carbonic or haloformic acids [2] 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] Monocarboxylic acids having less than ten carbon atoms; Derivatives thereof [2] Acids; Metal salts or ammonium salts thereof [2] Acrylic acid; Methacrylic acid; Metal salts or ammonium salts thereof [2] Anhydrides [2] Esters [2] Methyl esters [2] 	22/04 22/06 22/10 22/12 22/14 22/16 22/20 22/22 22/24 22/26 22/28 22/30 22/32 22/34 22/36 22/38 22/40	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] Anhydrides, e.g. cyclic anhydrides [2] Besters [2] of phenols or saturated alcohols [2] Esters [2] Esters having no free carboxylic acid groups [2] Esters having free carboxylic acid groups [2] Esters containing halogen [2] Esters containing oxygen in addition to the carboxy oxygen [2] Esters containing nitrogen [2] Esters containing sulfur [2] Alpha-cyano-acrylic acid; Esters thereof [2] Mitriles [2] Amides or imides [2] Amides, e.g. cyclic imides [2] Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each

C08F 20/00, C08F 22/00) [2]

20/20 • • of polyhydric alcohols or phenols [2]

20/22 • • • Esters containing halogen [2]

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26.400		06/00	1.50
26/00	Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each	36/20	unconjugated [2]
	having only one carbon-to-carbon double bond, and at least one being terminated by a single or double	36/22	 the radical having three or more carbon-to-carbon double bonds [2]
	bond to nitrogen or by a heterocyclic ring containing nitrogen [2]	38/00	Homopolymers or copolymers of compounds having one or more carbon-to-carbon triple bonds [2]
26/02	 by a single or double bond to nitrogen [2] 	38/02	Acetylene [2]
26/04	Diallylamine [2]	38/04	Vinylacetylene [2]
26/04	by a heterocyclic ring containing nitrogen [2]	30/04	vinylacetylene [2]
26/08	N-Vinyl-pyrrolidine [2]		
26/10	• • N-Vinyl-pyrrolidone [2]	<u>Homopo</u>	lymers [2]
26/12	• • N-Vinyl-carbazole [2]		
28/00	Homopolymers or copolymers of compounds having	110/00	Homopolymers of unsaturated aliphatic hydrocarbons having only one carbon-to-carbon
	one or more unsaturated aliphatic radicals, each	110/02	double bond [2]
	having only one carbon-to-carbon double bond, and	110/02	• Ethene [2]
	at least one being terminated by a bond to sulfur or	110/04	• Monomers containing three or four carbon atoms [2]
	by a heterocyclic ring containing sulfur [2]	110/06	• • Propene [2]
28/02	by a bond to sulfur [2]	110/08	• • Butenes [2]
28/04	• • Thioethers [2]	110/10	• • Isobutene [2]
28/06	by a heterocyclic ring containing sulfur [2]	110/14	Monomers containing five or more carbon atoms [2]
30/00	Homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each	112/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one
	having only one carbon-to-carbon double bond, and		carbon-to-carbon double bond, and at least one
	containing phosphorus, selenium, tellurium or a	112/02	being terminated by an aromatic carbocyclic ring [2]
	metal (metal salts, e.g. phenolates or alcoholates, <u>see</u> the parent compounds) [2]	112/02	 Monomers containing only one unsaturated aliphatic radical [2]
30/02	• containing phosphorus [2]	112/04	• • containing one ring [2]
30/02	containing phosphorus [2] containing a metal [2]	112/04	• • • Hydrocarbons [2]
30/04	• containing a metal [2]	112/08	• • • Styrene [2]
30/08	• • containing silicon [2]	112/00	• • • containing a branched unsaturated aliphatic
30/10	containing smcori [2] containing germanium [2]	112/12	radical or an alkyl radical attached to the ring [2]
32/00	Homopolymers or copolymers of cyclic compounds	112/14	 substituted by hetero atoms or groups
	having no unsaturated aliphatic radicals in a side		containing hetero atoms [2]
	chain, and having one or more carbon-to-carbon	112/32	 containing two or more rings [2]
22 / 22	double bonds in a carbocyclic ring system [2]	112/34	 Monomers containing two or more unsaturated
32/02	having no condensed rings [2]		aliphatic radicals [2]
32/04	having one carbon-to-carbon double bond [2]	112/36	 Divinylbenzene [2]
32/06	having two or more carbon-to-carbon double bonds [2]	114/00	Homopolymers of compounds having one or more
32/08	having condensed rings (coumarone-indene polymers	114/00	unsaturated aliphatic radicals, each having only one
	C08F 244/00) [2]		carbon-to-carbon double bond, and at least one
24422			being terminated by a halogen [2]
34/00	Homopolymers or copolymers of cyclic compounds	114/02	 Monomers containing chlorine [2]
	having no unsaturated aliphatic radicals in a side chain and having one or more carbon-to-carbon	114/04	 Monomers containing two carbon atoms [2]
	double bonds in a heterocyclic ring (cyclic esters of	114/06	• • • Vinyl chloride [2]
	polyfunctional acids C08F 18/00; cyclic anhydrides or	114/08	• • Vinylidene chloride [2]
	imides C08F 22/00) [2]	114/12	• • • 1,2-Dichloroethene [2]
34/02	• in a ring containing oxygen (coumarone-indene polymers C08F 244/00) [2]	114/14	 Monomers containing three or more carbon atoms [2]
34/04	• in a ring containing sulfur [2]	114/16	 Monomers containing bromine or iodine [2]
		114/18	 Monomers containing fluorine [2]
36/00	Homopolymers or copolymers of compounds having	114/20	 Vinyl fluoride [2]
	one or more unsaturated aliphatic radicals, at least	114/22	 Vinylidene fluoride [2]
	one having two or more carbon-to-carbon double	114/24	 Trifluorochloroethene [2]
20/02	bonds (C08F 32/00 takes precedence) [2]	114/26	 Tetrafluoroethene [2]
36/02	 the radical having only two carbon-to-carbon double bonds [2] 	114/28	• • Hexafluoropropene [2]
36/04	• • conjugated [2]	116/00	Homopolymers of compounds having one or more
36/06	• • • Butadiene [2]		unsaturated aliphatic radicals, each having only one
36/08	• • • Isoprene [2]		carbon-to-carbon double bond, and at least one
36/14	 containing elements other than carbon and hydrogen [2] 		being terminated by an alcohol, ether, aldehydo, ketonic, acetal, or ketal radical [2]
36/16	• • • containing halogen [2]	116/02	by an alcohol radical [2]
36/18	• • • • containing chlorine [2]	116/04	Acyclic compounds [2]

116/06	• • • Polyvinyl alcohol [2]	120/40	• • • Esters of unsaturated alcohols [2]
116/08	 • • Allyl alcohol [2] 	120/42	• • Nitriles [2]
116/10	 Carbocyclic compounds [2] 	120/44	• • Acrylonitrile [2]
116/12	• by an ether radical [2]	120/50	 containing four or more carbon atoms [2]
116/14	 Monomers containing only one unsaturated 	120/52	 Amides or imides [2]
	aliphatic radical [2]	120/54	• • • Amides [2]
116/16	Monomers containing no hetero atoms other	120/56	• • • • Acrylamide; Methacrylamide [2]
446/40	than the ether oxygen [2]	120/58	 containing oxygen in addition to the
116/18	• • • • Acyclic compounds [2]		carbonamido oxygen [2]
116/20	• • • • • Monomers containing three or more carbon atoms in the unsaturated aliphatic	120/60	• • • containing nitrogen in addition to the carbonamido nitrogen [2]
110/04	radical [2]	120/62	Monocarboxylic acids having ten or more carbon
116/34	by an aldehydo radical [2] by a lateria well-al [2]	100/01	atoms; Derivatives thereof [2]
116/36 116/38	by a ketonic radical [2] by an acetal or ketal radical [2]	120/64	• • Acids; Metal salts or ammonium salts thereof [2]
110/30	by an acetal or ketal radical [2]	120/66	• • Anhydrides [2]
118/00	Homopolymers of compounds having one or more	120/68	• • Esters [2]
	unsaturated aliphatic radicals, each having only one	120/70	• • Nitriles; Amides; Imides [2]
	carbon-to-carbon double bond, and at least one	122/00	Homopolymers of compounds having one or more
	being terminated by an acyloxy radical of a		unsaturated aliphatic radicals, each having only one
	saturated carboxylic acid, of carbonic acid, or of a		carbon-to-carbon double bond, and at least one
110/02	haloformic acid [2]		being terminated by a carboxyl radical and
118/02	Esters of monocarboxylic acids [2] Winyl actors [2]		containing at least one other carboxyl radical in the
118/04 118/06	Vinyl esters [2]Vinyl formate [2]		molecule; Salts, anhydrides, esters, amides, imides, or nitriles thereof [2]
118/08	• • Vinyl acetate [2]	122/02	Acids; Metal salts or ammonium salts thereof [2]
118/08	• • of monocarboxylic acids containing three or	122/02	Actus, wetar satis or animornium satis thereof [2] Anhydrides, e.g. cyclic anhydrides [2]
110/10	more carbon atoms [2]	122/04	Maleic anhydride [2] Maleic anhydride [2]
118/12	with unsaturated alcohols containing three or more	122/00	• Esters [2]
110/12	carbon atoms [2]	122/10	of phenols or saturated alcohols [2]
118/14	Esters of polycarboxylic acids [2]	122/12	 • Esters having no free carboxylic acid groups [2]
118/16	with alcohols containing three or more carbon	122/14	Esters having free carboxylic acid groups [2] Esters having free carboxylic acid groups [2]
	atoms [2]	122/18	Esters containing halogen [2]
118/18	• • • Diallyl phthalate [2]	122/20	Esters containing oxygen in addition to the
400.400		122/20	carboxy oxygen [2]
120/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one	122/22	Esters containing nitrogen [2]
	carbon-to-carbon double bond, and only one being	122/24	• • • Esters containing sulfur [2]
	terminated by only one carboxyl radical or a salt,	122/26	 of unsaturated alcohols [2]
	anhydride, ester, amide, imide, or nitrile thereof [2]	122/28	• • • Diallyl maleate [2]
120/02	 Monocarboxylic acids having less than ten carbon 	122/30	• Nitriles [2]
	atoms; Derivatives thereof [2]	122/32	 Alpha-cyano-acrylic acid; Esters thereof [2]
120/04	 Acids; Metal salts or ammonium salts thereof [2] 	122/34	 Vinylidene cyanide [2]
120/06	Acrylic acid; Methacrylic acid; Metal salts or	122/36	Amides or imides [2]
100100	ammonium salts thereof [2]	122/38	• • Amides [2]
120/08	• • Anhydrides [2]	122/40	 Imides, e.g. cyclic imides [2]
120/10	• • Esters [2]	124/00	Transition of constitution to the form
120/12	• • • of monohydric alcohols or phenols [2]	124/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one
120/14	• • • Methyl esters [2]		carbon-to-carbon double bond, and at least one
120/16	• • • • of phenols or of alcohols containing two or		being terminated by a heterocyclic ring containing
120/18	more carbon atoms [2] • • • • with acrylic or methacrylic acids [2]		oxygen (cyclic esters of polyfunctional acids
120/10	• • of polyhydric alcohols or phenols [2]		C08F 118/00; cyclic anhydrides of unsaturated acids
120/20	Esters containing halogen [2]		C08F 120/00, C08F 122/00) [2]
120/22	• • • containing perhaloalkyl radicals [2]	126/00	Homopolymers of compounds having one or more
120/24	Esters containing oxygen in addition to the	120/00	unsaturated aliphatic radicals, each having only one
120,20	carboxy oxygen [2]		carbon-to-carbon double bond, and at least one
120/28	• • • containing no aromatic rings in the alcohol		being terminated by a single or double bond to
	moiety [2]		nitrogen or by a heterocyclic ring containing
120/30	• • • containing aromatic rings in the alcohol		nitrogen [2]
	moiety [2]	126/02	 by a single or double bond to nitrogen [2]
120/32	• • • containing epoxy radicals [2]	126/04	• • Diallylamine [2]
120/34	• • • Esters containing nitrogen [2]	126/06	by a heterocyclic ring containing nitrogen [2]
120/36	• • • containing oxygen in addition to the carboxy	126/08	N-Vinyl-pyrrolidine [2]
	oxygen [2]	126/10	N-Vinyl-pyrrolidone [2]
120/38	• • • Esters containing sulfur [2]	126/12	• • N-Vinyl-carbazole [2]

128/00	Homopolymers of compounds having one or more	<u>Copolym</u>	ners [2]
	unsaturated aliphatic radicals, each having only one		Note(s) [2006.01]
	carbon-to-carbon bond, and at least one being		Note(s) [2006.01]
	terminated by a bond to sulfur or by a heterocyclic		1. When classifying in groups C08F 210/00-
100/00	ring containing sulfur [2]		C08F 297/00, any monomeric components not
128/02	 by a bond to sulfur [2] 		identified by the classification according to Note
128/04	• • Thioethers [2]		(4) after the title of subclass C08F within this
128/06	 by a heterocyclic ring containing sulfur [2] 		classification range, and where the use of such monomeric components is determined to be novel
130/00	Homopolymers of compounds having one or more unsaturated aliphatic radicals, each having only one		and non-obvious, must also be classified in the last appropriate place in groups C08F 210/00-
	carbon-to-carbon double bond, and containing		C08F 238/00.
	phosphorus, selenium, tellurium, or a metal (metal		2. Any monomeric components not identified by the
	salts, e.g. phenolates or alcoholates, <u>see</u> the parent		classification according to Note (4) after the title
	compounds) [2]		of subclass C08F or Note (1) above, and where
130/02	• containing phosphorus [2]		the use of such monomeric components is
130/04	• containing a metal [2]		considered to represent information of interest for
130/04	containing boron [2]		search, may also be classified in the last
	containing solicin [2] containing silicon [2]		appropriate place in groups C08F 210/00-
130/08	-		C08F 238/00. This can for example be the case
130/10	containing germanium [2] Harmon alternation of multiple containing and acceptaining acceptaining and acceptaining accepta		when it is considered of interest to enable searching of copolymers using a combination of
132/00	Homopolymers of cyclic compounds containing no unsaturated aliphatic radicals in a side chain, and		classification symbols. Such non-obligatory
	having one or more carbon-to-carbon double bonds		classification should be given as "additional
	in a carbocyclic ring system [2]		information".
132/02	having no condensed rings [2]	210/00	Copolymers of unsaturated aliphatic hydrocarbons
132/02	 having no condensed rings [2] having one carbon-to-carbon double bond [2] 	210/00	having only one carbon-to-carbon double bond [2]
132/04	_	210/02	• Ethene [2]
132/06	 having two or more carbon-to-carbon double bonds [2] 	210/02	
122/00			Monomers containing three or four carbon atoms [2] Propose [2]
132/08	 having condensed rings [2] 	210/06	• • Propene [2]
134/00	Homopolymers of cyclic compounds having no	210/08	• • Butenes [2]
1547 00	unsaturated aliphatic radicals in a side chain and	210/10	• • • Isobutene [2]
	having one or more carbon-to-carbon double bonds	210/12	• • • with conjugated diolefins, e.g. butyl
	in a heterocyclic ring (cyclic esters of polyfunctional		rubber [2]
	acids C08F 118/00; cyclic anhydrides or imides	210/14	 Monomers containing five or more carbon atoms [2]
	C08F 122/00) [2]	210/16	 Copolymers of ethene with alpha-alkenes, e.g. EP
134/02	• in a ring containing oxygen [2]		rubbers [2]
134/04	in a ring containing sulfur [2]	210/18	• • with non-conjugated dienes, e.g. EPT rubbers [2]
120/00	Transaction of control data to the control of	040/00	
136/00	Homopolymers of compounds having one or more	212/00	Copolymers of compounds having one or more
		212/00	Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one
	unsaturated aliphatic radicals, at least one having	212/00	unsaturated aliphatic radicals, each having only one
	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds	212/00	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one
	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2]		unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an aromatic carbocyclic ring [2]
136/02	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double	212/00	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
136/02	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] 		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 radical [2]
136/02 136/04	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] 	212/02 212/04	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 radical [2] • containing one ring [2]
136/02 136/04 136/06	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] 	212/02 212/04 212/06	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 radical [2] • containing one ring [2] • Hydrocarbons [2]
136/02 136/04 136/06 136/08	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] 	212/02 212/04 212/06 212/08	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2]
136/02 136/04 136/06	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and 	212/02 212/04 212/06 212/08 212/10	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • with nitriles [2]
136/02 136/04 136/06 136/08 136/14	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] 	212/02 212/04 212/06 212/08	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • containing a branched unsaturated aliphatic
136/02 136/04 136/06 136/08 136/14	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and 	212/02 212/04 212/06 212/08 212/10	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the
136/02 136/04 136/06 136/08 136/14	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] 	212/02 212/04 212/06 212/08 212/10 212/12	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • output of the standard containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2]
136/02 136/04 136/06 136/08 136/14	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] containing halogen [2] 	212/02 212/04 212/06 212/08 212/10	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • output of the standard containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups
136/02 136/04 136/06 136/08 136/14 136/16 136/18	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Butadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2]	212/02 212/04 212/06 212/08 212/10 212/12	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • ontaining a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Butadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] containing halogen [2] containing chlorine [2] unconjugated [2] the radical having three or more carbon-to-carbon 	212/02 212/04 212/06 212/08 212/10 212/12	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • ocntaining a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] containing halogen [2] containing chlorine [2] unconjugated [2] the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • with nitriles [2] • • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] containing halogen [2] containing chlorine [2] unconjugated [2] the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • ocntaining a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • • Styrene [2] • • ocontaining a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22	 unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] the radical having only two carbon-to-carbon double bonds [2] conjugated [2] Butadiene [2] Isoprene [2] containing elements other than carbon and hydrogen [2] containing halogen [2] containing chlorine [2] unconjugated [2] the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • owith nitriles [2] • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] Copolymers of compounds having one or more
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • • Styrene [2] • • outlining a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • • Styrene [2] • • o with nitriles [2] • • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] Copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36 214/00	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • owith nitriles [2] • • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] 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]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36 214/00	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • with nitriles [2] • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] 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]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36 214/00	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • • Styrene [2] • • • with nitriles [2] • • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] 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] • Monomers containing chlorine [2] • Monomers containing two carbon atoms [2]
136/02 136/04 136/06 136/08 136/14 136/16 136/18 136/20 136/22 138/00	unsaturated aliphatic radicals, at least one having two or more carbon-to-carbon double bonds (C08F 132/00 takes precedence) [2] • the radical having only two carbon-to-carbon double bonds [2] • conjugated [2] • Sutadiene [2] • Isoprene [2] • containing elements other than carbon and hydrogen [2] • containing halogen [2] • unconjugated [2] • the radical having three or more carbon-to-carbon double bonds [2] Homopolymers of compounds having one or more carbon-to-carbon triple bonds [2] • Acetylene [2]	212/02 212/04 212/06 212/08 212/10 212/12 212/14 212/32 212/34 212/36 214/00	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 radical [2] • containing one ring [2] • Hydrocarbons [2] • Styrene [2] • • with nitriles [2] • containing a branched unsaturated aliphatic radical or an alkyl radical attached to the ring [2] • substituted by hetero atoms or groups containing hetero atoms [2] • containing two or more rings [2] • Monomers containing two or more unsaturated aliphatic radicals [2] • Divinylbenzene [2] 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]

• • • Vinylidene chloride [2]

214/10	• • • • with nitriles [2]	220/12	• • • of monohydric alcohols or phenols [2]
214/12	• • • 1,2-Dichloroethene [2]	220/14	• • • • Methyl esters [2]
214/14	Monomers containing three or more carbon	220/16	• • • of phenols or of alcohols containing two or
	atoms [2]		more carbon atoms [2]
214/16	Monomers containing bromine or iodine [2]	220/18	• • • • with acrylic or methacrylic acids [2]
214/18	Monomers containing fluorine [2]	220/20	• • • of polyhydric alcohols or phenols [2]
214/20	• • Vinyl fluoride [2]	220/22	Esters containing halogen [2]
214/22	• • Vinylidene fluoride [2]	220/24	• • • containing perhaloalkyl radicals [2]
214/24	Trifluorochloroethene [2]	220/26	• • Esters containing oxygen in addition to the
214/26	Tetrafluoroethene [2]	220/20	carboxy oxygen [2]
214/28	Hexafluoropropene [2]	220/28	 containing no aromatic rings in the alcohol moiety [2]
216/00	Copolymers of compounds having one or more	220/30	• • • containing aromatic rings in the alcohol
	unsaturated aliphatic radicals, each having only one		moiety [2]
	carbon-to-carbon double bond, and at least one	220/32	• • • containing epoxy radicals [2]
	being terminated by an alcohol, ether, aldehydo,	220/34	• • • Esters containing nitrogen [2]
046/00	ketonic, acetal, or ketal radical [2]	220/36	• • • containing oxygen in addition to the carboxy
216/02	by an alcohol radical [2] An all representation [2]		oxygen [2]
216/04	Acyclic compounds [2] Polytical class of [2]	220/38	 • Esters containing sulfur [2]
216/06	• • • Polyvinyl alcohol [2]	220/40	 • Esters of unsaturated alcohols [2]
216/08	• • • Allyl alcohol [2]	220/42	• • Nitriles [2]
216/10	Carbocyclic compounds [2]	220/44	• • • Acrylonitrile [2]
216/12	• by an ether radical [2]	220/46	 • • with carboxylic acids, sulfonic acids or salts
216/14	 Monomers containing only one unsaturated aliphatic radical [2] 		thereof [2]
216/16	• • Monomers containing no hetero atoms other	220/48	• • • with nitrogen-containing monomers [2]
210/10	than the ether oxygen [2]	220/50	 containing four or more carbon atoms [2]
216/18	• • • • Acyclic compounds [2]	220/52	 Amides or imides [2]
216/20	• • • • Monomers containing three or more	220/54	• • • Amides [2]
210/20	carbon atoms in the unsaturated aliphatic	220/56	• • • • Acrylamide; Methacrylamide [2]
	radical [2]	220/58	• • • containing oxygen in addition to the
216/34	by an aldehydo radical [2]	220/60	carbonamido oxygen [2]
216/36	by a ketonic radical [2]	220/60	• • • containing nitrogen in addition to the
216/38	 by an acetal or ketal radical [2] 	220/62	carbonamido nitrogen [2] • Monocarboxylic acids having ten or more carbon
218/00	Copolymers having one or more unsaturated	220/02	atoms; Derivatives thereof (copolymers of drying-oils
210/00	aliphatic radicals, each having only one carbon-to-		C08F 242/00) [2]
	carbon double bond, and at least one being	220/64	 Acids; Metal salts or ammonium salts thereof [2]
	terminated by an acyloxy radical of a saturated	220/66	• • Anhydrides [2]
	carboxylic acid, of carbonic acid, or of a haloformic	220/68	• • Esters [2]
5.40.405	acid [2]	220/70	 Nitriles; Amides; Imides [2]
218/02	Esters of monocarboxylic acids [2]	222/00	Copolymers of compounds having one or more
218/04	• • Vinyl esters [2]	222/00	unsaturated aliphatic radicals, each having only one
218/06	• • • Vinyl formate [2]		carbon-to-carbon double bond, and at least one
218/08	• • • Vinyl acetate [2]		being terminated by a carboxyl radical and
218/10	 of monocarboxylic acids containing three or more carbon atoms [2] 		containing at least one other carboxyl radical in the
210/12			molecule; Salts, anhydrides, esters, amides, imides,
218/12	 with unsaturated alcohols containing three or more carbon atoms [2] 	000/00	or nitriles thereof [2]
218/14	• Esters of polycarboxylic acids [2]	222/02	Acids; Metal salts or ammonium salts thereof [2]
218/16	with alcohols containing three or more carbon	222/04	Anhydrides, e.g. cyclic anhydrides [2]
210/10	atoms [2]	222/06	Maleic anhydride [2]
218/18	• • • Diallyl phthalate [2]	222/08	• • • with vinyl aromatic monomers [2]
		222/10	• Esters [2]
220/00	Copolymers of compounds having one or more	222/12	• • of phenols or saturated alcohols [2]
	unsaturated aliphatic radicals, each having only one	222/14	• • • Esters having no free carboxylic acid groups [2]
	carbon-to-carbon double bond, and only one being terminated by only one carboxyl radical or a salt,	222/16	• • • Esters having free carboxylic acid groups [2]
	anhydride, ester, amide, imide, or nitrile thereof [2]	222/18	• • • Esters containing halogen [2]
220/02	Monocarboxylic acids having less than ten carbon	222/20	 • Esters containing oxygen in addition to the carboxy oxygen [2]
-	atoms; Derivatives thereof [2]	222/22	Esters containing nitrogen [2]
220/04	 Acids; Metals salts or ammonium salts thereof [2] 	222/24	Esters containing introgen [2] Esters containing sulfur [2]
220/06	• • • Acrylic acid; Methacrylic acid; Metal salts or	222/24	• • of unsaturated alcohols [2]
	ammonium salts thereof [2]	222/28	Diallyl maleate [2]
220/08	• • Anhydrides [2]	222/30	• Nitriles [2]
220/10	• • Esters [2]	222/32	Alpha-cyano-acrylic acid; Esters thereof [2]
		222132	rupila-cyano-acrylic acra, Esters thereor [2]

222/34	• • Vinylidene cyanide [2]	236/00	Copolymers of compounds having one or more
222/36	Amides or imides [2]		unsaturated aliphatic radicals, at least one having
222/38	• • Amides [2]		two or more carbon-to-carbon double bonds
222/40	 Imides, e.g. cyclic imides [2] 	236/02	(C08F 232/00 takes precedence) [2]the radical having only two carbon-to-carbon double
224/00	Copolymers of compounds having one or more	230/02	bonds [2]
224/00	unsaturated aliphatic radicals, each having only one	236/04	• • conjugated [2]
	carbon-to-carbon double bond, and at least one	236/06	• • • Butadiene [2]
	being terminated by a heterocyclic ring containing	236/08	• • • Isoprene [2]
	oxygen (cyclic esters of polyfunctional acids	236/10	• • • with vinyl aromatic monomers [2]
	C08F 218/00; cyclic anhydrides of unsaturated acids	236/12	• • • with nitriles [2]
	C08F 220/00, C08F 222/00) [2]	236/14	containing elements other than carbon and
226/00	Copolymers of compounds having one or more		hydrogen [2]
	unsaturated aliphatic radicals, each having only one	236/16	• • • containing halogen [2]
	carbon-to-carbon double bond, and at least one	236/18	• • • • containing chlorine [2]
	being terminated by a single or double bond to	236/20	 unconjugated [2]
	nitrogen or by a heterocyclic ring containing	236/22	 the radical having three or more carbon-to-carbon
226/02	nitrogen [2]		double bonds [2]
226/02	by a single or double bond to nitrogen [2] Diallylamina [2]	238/00	Copolymers of compounds having one or more
226/04	Diallylamine [2]by a heterocyclic ring containing nitrogen [2]	230/00	carbon-to-carbon triple bonds [2]
226/06 226/08	by a neterocyclic ring containing introgen [2] N-Vinyl-pyrrolidine [2]	238/02	Acetylene [2]
226/00	N-Vinyl-pyrrolidone [2]	238/04	Vinylacetylene [2]
226/10	• • N-Vinyl-carbazole [2]		
220/12	1 Vinyi curbuzoic [2]	240/00	Copolymers of hydrocarbons and mineral oils, e.g.
228/00	Copolymers of compounds having one or more		petroleum resins [2]
	unsaturated aliphatic radicals, each having only one	242/00	Copolymers of drying-oils with other monomers [2]
	carbon-to-carbon double bond, and at least one	_ :=; 00	copolymers of arying one with other monomers [2]
	being terminated by a bond to sulfur or by a heterocyclic ring containing sulfur [2]	244/00	Coumarone-indene copolymers [2]
228/02	• by a bond to sulfur [2]	246/00	Conclumers in which the nature of only the
228/04	• • Thioethers [2]	240/00	Copolymers in which the nature of only the monomers in minority is defined [2]
228/06	 by a heterocyclic ring containing sulfur [2] 		monomers in inmoving is defined [2]
	o, a , , , ,		
230/00	Copolymers of compounds having one or more		lymers; Polymers crosslinked with unsaturated
	unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing	<u>monome</u>	<u>rs [2]</u>
	phosphorus, selenium, tellurium, or a metal (metal	251/00	Macromolecular compounds obtained by
	salts, e.g. phenolates or alcoholates, <u>see</u> the parent		polymerising monomers on to polysaccharides or
	compounds) [2]		derivatives thereof [2]
230/02	 containing phosphorus [2] 	251/02	 on to cellulose or derivatives thereof [2]
230/04	 containing a metal [2] 	252/00	Macromologular compounds obtained by
230/06	 containing boron [2] 	253/00	Macromolecular compounds obtained by polymerising monomers on to natural rubbers or
230/08	 containing silicon [2] 		derivatives thereof [2]
230/10	 containing germanium [2] 		
232/00	Copolymers of cyclic compounds containing no	255/00	Macromolecular compounds obtained by
232/00	unsaturated aliphatic radicals in a side chain, and		polymerising monomers on to polymers of
	having one or more carbon-to-carbon double bonds	255/02	hydrocarbons as defined in group C08F 10/00 [2]
	in a carbocyclic ring system [2]	255/02	 on to polymers of olefins having two or three carbon atoms [2]
232/02	 having no condensed rings [2] 	255/04	 on to ethene-propene copolymers [2]
232/04	 having one carbon-to-carbon double bond [2] 	255/04	 on to ethene-propene-diene terpolymers [2]
232/06	 having two or more carbon-to-carbon double 	255/08	 on to polymers of olefins having four or more carbon
	bonds [2]	233, 33	atoms [2]
232/08	having condensed rings (coumarone-indene polymers CONTRACTOR IN)	255/10	 on to butene polymers [2]
	C08F 244/00) [2]		
234/00	Copolymers of cyclic compounds having no	257/00	Macromolecular compounds obtained by
	unsaturated aliphatic radicals in a side chain and		polymerising monomers on to polymers of aromatic monomers as defined in group C08F 12/00 [2]
	having one or more carbon-to-carbon double bonds	257/02	on to polymers of styrene or alkyl-substituted
	in a heterocyclic ring (cyclic esters of polyfunctional	23/102	styrenes [2]
	acids C08F 218/00; cyclic anhydrides or imides C08F 222/00) [2]		
234/02	in a ring containing oxygen (coumarone-indene	259/00	Macromolecular compounds obtained by
∠J + /U∠	polymers C08F 244/00) [2]		polymerising monomers on to polymers of halogen
234/04	• in a ring containing sulfur [2]		containing monomers as defined in group C08F 14/00 [2]
			CVU1 17/00 [6]

259/02 • on to polymers containing chlorine [2]

259/04	 on to polymers of vinyl chloride [2] 	277/00	Macromolecular compounds obtained by
259/06	 on to polymers of vinylidene chloride [2] 		polymerising monomers on to polymers of
259/08	• on to polymers containing fluorine [2]		carbocyclic or heterocyclic monomers as defined respectively in group C08F 32/00 or in group
261/00	Macromolecular compounds obtained by		C08F 34/00 [2]
	polymerising monomers on to polymers of oxygen-	2=2/22	
	containing monomers as defined in group	279/00	Macromolecular compounds obtained by
	C08F 16/00 [2]		polymerising monomers on to polymers of monomers
261/02	 on to polymers of unsaturated alcohols [2] 		having two or more carbon-to-carbon double bonds
261/04	 on to polymers of vinyl alcohol [2] 	250 (02	as defined in group C08F 36/00 [2]
261/06	 on to polymers of unsaturated ethers [2] 	279/02	on to polymers of conjugated dienes [2]
261/08	• on to polymers of unsaturated aldehydes [2]	279/04	Vinyl aromatic monomers and nitriles as the only
261/10	• on to polymers of unsaturated ketones [2]		monomers [2]
261/12	on to polymers of unsaturated acetals or ketals [2]	279/06	 Vinyl aromatic monomers and methacrylates as the only monomers [2]
263/00	Macromolecular compounds obtained by	201 /00	Managed a language of destroid
2057 00	polymerising monomers on to polymers of esters of	281/00	Macromolecular compounds obtained by
	unsaturated alcohols with saturated acids as defined		polymerising monomers on to polymers of monomers
	in group C08F 18/00 [2]		having carbon-to-carbon triple bonds as defined in
263/02	on to polymers of vinyl esters with monocarboxylic		group C08F 38/00 [2]
203/02	acids [2]	283/00	Macromolecular compounds obtained by
263/04	 on to polymers of vinyl acetate [2] 	203700	polymerising monomers on to polymers provided for
263/06	• on to polymers of esters with polycarboxylic		in subclass C08G [4]
203/00	acids [2]	283/01	• on to unsaturated polyesters [4]
262/00			• on to polycarbonates or saturated polyesters [2]
263/08	Polymerisation of diallyl phthalate	283/02	1 5
	prepolymers [2]	283/04	on to polycarbonamides, polyesteramides or
265/00	Macromolecular compounds obtained by	202/26	polyimides [2]
203/00	polymerising monomers on to polymers of	283/06	on to polyethers, polyoxymethylenes or
	unsaturated monocarboxylic acids or derivatives		polyacetals [2]
	thereof as defined in group C08F 20/00 [2]	283/08	 on to polyphenylene oxides [2]
265/02	• on to polymers of acids, salts or anhydrides [2]	283/10	 on to polymers containing more than one epoxy
265/04	• on to polymers of esters [2]		radical per molecule [2]
265/06	* *	283/12	 on to polysiloxanes [2]
205/00	 Polymerisation of acrylate or methacrylate esters on to polymers thereof [2] 	283/14	 on to polymers obtained by ring-opening
205 /00			polymerisation of carbocyclic compounds having one
265/08	• on to polymers of nitriles [2]		or more carbon-to-carbon double bonds in the
265/10	 on to polymers of amides or imides [2] 		carbocyclic ring, i.e. polyalkeneamers [2]
267/00	Macromolecular compounds obtained by	285/00	Macromolecular compounds obtained by
	polymerising monomers on to polymers of		polymerising monomers on to preformed graft
	unsaturated polycarboxylic acids or derivatives		polymers [2]
	thereof as defined in group C08F 22/00 [2]		
267/02	 on to polymers of acids or salts [2] 	287/00	Macromolecular compounds obtained by
267/04	 on to polymers of anhydrides [2] 		polymerising monomers on to block polymers [2]
267/06	 on to polymers of esters [2] 	289/00	Macromolecular compounds obtained by
267/08	 on to polymers of nitriles [2] 	203700	polymerising monomers on to macromolecular
267/10	 on to polymers of amides or imides [2] 		compounds not provided for in groups C08F 251/00-
200100			C08F 287/00 [2]
269/00	Macromolecular compounds obtained by		
	polymerising monomers on to polymers of	290/00	Macromolecular compounds obtained by
	heterocyclic oxygen-containing monomers as defined		polymerising monomers on to polymers modified by
	in group C08F 24/00 [2]		introduction of aliphatic unsaturated end or side
271/00	Macromolecular compounds obtained by		groups [6]
2,1,00	polymerising monomers on to polymers of nitrogen-	290/02	 on to polymers modified by introduction of
	containing monomers as defined in group		unsaturated end groups [6]
	C08F 26/00 [2]	290/04	 Polymers provided for in subclasses C08C or
271/02	 on to polymers of monomers containing heterocyclic 		C08F [6]
	nitrogen [2]	290/06	 Polymers provided for in subclass C08G [6]
	5	290/08	 on to polymers modified by introduction of
273/00	Macromolecular compounds obtained by		unsaturated side groups [6]
	polymerising monomers on to polymers of sulfur-	290/10	 Polymers provided for in subclass C08B [6]
	containing monomers as defined in group	290/12	 Polymers provided for in subclasses C08C or
	C08F 28/00 [2]		C08F [6]
DEE / 0.0	Managed to the second of the second	290/14	 Polymers provided for in subclass C08G [6]
275/00	Macromolecular compounds obtained by		
	polymerising monomers on to polymers of monomers		
	containing phosphorus, selenium, tellurium, or a		
	metal as defined in group C08F 30/00 [2]		

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	• on to elastomers [2]	207/00	X
291/04	 on to halogen-containing macromolecules [2] 	297/00	Macromolecular compounds obtained by successively polymerising different monomer systems
291/06	 on to oxygen-containing macromolecules [2] 		using a catalyst of the ionic or coordination type
291/08	on to macromolecules containing hydroxy		without deactivating the intermediate polymer [2]
204 /40	radicals [2]	297/02	 using a catalyst of the anionic type [2]
291/10	• • on to macromolecules containing epoxy radicals [2]	297/04	 polymerising vinyl aromatic monomers and conjugated dienes [2]
291/12	 on to nitrogen-containing macromolecules [2] 	297/06	 using a catalyst of the coordination type [2]
291/14	on to sulfur-containing macromolecules [2]	297/08	 polymerising mono-olefins [2]
291/16	 on to macromolecules containing more than two metal atoms [2] 		
291/18	 on to irradiated or oxidised macromolecules 		
	(epoxidised C08F 291/10) [2]	299/00	Macromolecular compounds obtained by
292/00	Macromolecular compounds obtained by polymerising monomers on to inorganic materials [3]		interreacting polymers involving only carbon-to- carbon unsaturated bond reactions, in the absence of non-macromolecular monomers (in the presence of non-macromolecular monomers C08F 251/00-
Block pol	lymers [2]		C08F 291/00; involving other reactions C08G 81/00) [2, 6]
_		299/02	• from unsaturated polycondensates [2]
293/00	Macromolecular compounds obtained by	299/04	• • from polyesters [2]
	polymerisation on to a macromolecule having groups	299/06	• • from polyurethanes [2]
	capable of inducing the formation of new polymer chains bound exclusively at one or both ends of the	299/08	• • from polysiloxanes [2]
	starting macromolecule (on to polymers modified by	2557 00	nom porysnoxules [2]
	introduction of unsaturated end groups C08F 290/02) [2]	301/00	Macromolecular compounds not provided for in groups C08F 10/00-C08F 299/00 [2006.01]

C08G MACROMOLECULAR COMPOUNDS OBTAINED OTHERWISE THAN BY REACTIONS ONLY INVOLVING **CARBON-TO-CARBON UNSATURATED BONDS [2]**

Note(s)

- Therapeutic activity of compounds is further classified in subclass A61P. 1.
- 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.
- Within each main group of this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place. 3.
- This subclass covers also compositions based on monomers which form macromolecular compounds classifiable in this subclass. In this subclass:
 - if the monomers are defined, classification is made in groups C08G 2/00-C08G 79/00, C08G 83/00 according to the polymer a. 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;
 - if the compounding ingredients are of interest per se, classification is also made in subclass C08K. c.

Subclass index

MACROMOLECULAR COMPOUNDS OBTAINED FROM ALDEHYDES OR KETONES	2/00-16/00
Polyacetals	2/00, 4/00
MACROMOLECULAR COMPOUNDS OBTAINED FROM ISOCYANATES OR ISOTHIOCYANAT	ΓES18/00
EPOXY RESINS	59/00
MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS FORMING A LINKAGE IN	ГНЕ
MAIN CHAIN	
a carbon-to-carbon link	61/00
a linkage containing oxygen	63/00-67/00
a linkage containing nitrogen	69/00-73/00
a linkage containing sulfur	75/00
a linkage containing silicon	
a linkage containing atoms other than carbon, oxygen, nitrogen, sulfur, or silicon	79/00
MACROMOLECULAR COMPOUNDS OBTAINED BY INTERREACTING POLYMERS IN THE	
ABSENCE OF MONOMERS	81/00
OTHER MACROMOLECULAR COMPOUNDS	83/00
GENERAL PROCESSES	85/00

8/30

16

• • by unsaturated compounds, e.g. terpenes [2]

2/00	Addition polymers of aldehydes or cyclic oligomers thereof or of ketones; Addition copolymers thereof	8/32	• • by organic acids or derivatives thereof, e.g. fatty oils [2]
	with less than 50 molar percent of other	8/34	• • by natural resins or resin acids, e.g. rosin [2]
0.700	substances [2]	8/36	 • by etherifying [2]
2/02	 Polymerisation initiated by wave energy or by particle radiation [2] 	8/38	Block or graft polymers prepared by
2/04	Polymerisation by using compounds which act upon the molecular weight, e.g. chain-transferring		polycondensation of aldehydes or ketones on to macromolecular compounds [2]
	agents [2]	10/00	Condensation polymers of aldehydes or ketones with
2/06	Catalysts (catalysts in general B01J) [2]		aromatic hydrocarbons or halogenated aromatic
2/08	Polymerisation of formaldehyde [2]		hydrocarbons only [2]
2/10	Polymerisation of cyclic oligomers of	10/02	• of aldehydes [2]
	formaldehyde [2]	10/04	 Chemically modified polycondensates [2]
2/12	Polymerisation of acetaldehyde or cyclic oligomers	10/06	 Block or graft polymers prepared by
	thereof [2]		polycondensation of aldehydes or ketones on to
2/14	Polymerisation of single aldehydes not provided for Conc. 2/02 Gard 2/03 Inc.		macromolecular compounds [2]
	in groups C08G 2/08-C08G 2/12 [2]	12/00	Condensation polymers of aldehydes or ketones with
2/16	 Polymerisation of single ketones [2] 	12/00	only compounds containing hydrogen attached to
2/18	 Copolymerisation of aldehydes or ketones [2] 		nitrogen (amino phenols C08G 8/16) [2]
2/20	 with other aldehydes or ketones [2] 	12/02	• of aldehydes [2]
2/22	 with epoxy compounds [2] 	12/04	 with acyclic or carbocyclic compounds [2]
2/24	• • with acetals [2]	12/04	• • Amines [2]
2/26	 with compounds containing carbon-to-carbon 	12/00	
	unsaturation [2]		• • • aromatic [2]
2/28	Post-polymerisation treatments [2]	12/10	• • • with acyclic compounds having the moiety
2/30	Chemical modification by after-treatment [2]	10/10	$X=C(-N)_2$ in which X is O, S, or $-N$ [2]
2/32	by esterification [2]	12/12	• • • Ureas; Thioureas [2]
2/34	• by etherification [2]	12/14	• • • Dicyandiamides; Dicyandiamidines;
2/36	by depolymerisation [2]		Guanidines; Biguanides; Biuret;
2/38	Block or graft polymers prepared by polymerisation	10/16	Semicarbazides [2]
2/30	of aldehydes or ketones on to macromolecular	12/16	• • • • Dicyandiamides [2]
	compounds [2]	12/18	• • • with cyanamide [2]
	compounds [2]	12/20	• • • with urethanes or thiourethanes [2]
4/00	Condensation polymers of aldehydes or ketones with polyalcohols; Addition polymers of heterocyclic	12/22	• • • with carboxylic acid amides (reaction polyamides with aldehydes C08G 69/50) [2]
	oxygen compounds containing in the ring at least	12/24	 • with sulfonic acid amides [2]
	once the grouping —O—C—O— (of cyclic oligomers	12/26	 with heterocyclic compounds [2]
5.400	of aldehydes C08G 2/00) [2]	12/28	 • with substituted diazines, diazoles or triazoles [2]
6/00	Condensation polymers of aldehydes or ketones	12/30	 • with substituted triazines [2]
0.400	only [2]	12/32	• • • • Melamines [2]
6/02	• of aldehydes with ketones [2]	12/34	• • • and acyclic or carbocyclic compounds [2]
8/00	Condensation polymers of aldehydes or ketones with	12/36	• • • • Ureas; Thioureas [2]
0/00	phenols only [2]	12/38	• • • • and melamines [2]
8/02	• of ketones [2]	12/40	Chemically modified polycondensates [2]
8/04	• of aldehydes [2]	12/42	• • • by etherifying [2]
8/06	• of furfural [2]	12/44	• • • by esterifying [2]
		12/46	Block or graft polymers prepared by
8/08	of formaldehyde, e.g. of formaldehyde formed <u>in</u> <u>situ</u> [2]	12/10	polycondensation of aldehydes or ketones on to
8/10	• • • with phenol [2]		macromolecular compounds [2]
8/12	• with monohydric phenols having only one		
0/12	hydrocarbon substituent ortho or para to the OH	14/00	Condensation polymers of aldehydes or ketones with two or more other monomers covered by at least two
Q / 1 4	group, e.g. p- <u>tert.</u> -butyl phenol [2] • • • with halogenated phenols [2]		of the groups C08G 8/00-C08G 12/00 [2]
8/14		14/02	• of aldehydes [2]
8/16	• • with amino- or nitrophenols [2]	14/04	with phenols [2]
8/18	• • • with phenols substituted by carboxylic or sulfonic acid groups [2]	14/06	• • and monomers containing hydrogen attached to nitrogen [2]
8/20	• • • with polyhydric phenols [2]	14/067	• • • Acyclic or carbocyclic monomers [5]
8/22	• • • • Resorcinol [2]	14/073	• • • • • Amines [5]
8/24	 • with mixtures of two or more phenols which 	14/08	• • • • • Ureas; Thioureas [2, 5]
	are not covered by only one of the groups	14/09	Heterocyclic monomers [5]
	C08G 8/10-C08G 8/20 [2]	14/10	• • • • Melamines [2, 5]
8/26	 from mixtures of aldehydes and ketones [2] 	14/10	• • Chemically modified polycondensates [2]
8/28	 Chemically modified polycondensates [2] 	17/14	Chemically mounted polycondensates [2]

14/14	Block or graft polymers prepared by	18/52	• • • Polythioethers [2]
	polycondensation of aldehydes or ketones on to	18/54	• • • Polycondensates of aldehydes [2]
	macromolecular compounds [2]	18/56	• • • • Polyacetals [2]
16/00	Condensation polymers of aldehydes or ketones with	18/58	• • • Epoxy resins [2]
	monomers not provided for in the groups C08G 4/00-	18/60	• • • Polyamides or polyester-amides [2]
	C08G 14/00 (with polynitriles C08G 69/38) [2]	18/61	• • • Polysiloxanes [2]
16/02	• of aldehydes [2]	18/62	 Polymers of compounds having carbon-to- carbon double bonds [2]
16/04	Chemically modified polycondensates [2]	18/63	Block or graft polymers obtained by
16/06	Block or graft polymers prepared by polycondensation of aldehydes or ketones on to	10/03	polymerising compounds having carbon-to-
	macromolecular compounds [2]		carbon double bonds on to polymers [2]
	mucromorecular compounds [2]	18/64	• • • Macromolecular compounds not provided
18/00	Polymeric products of isocyanates or isothiocyanates		for by groups C08G 18/42-C08G 18/63 [2]
	(preparatory processes of porous or cellular materials, in	18/65	Low-molecular-weight compounds having
	which the monomers or catalysts are not specific C08J) [2]		active hydrogen with high-molecular-weight compounds having active hydrogen [2]
	(3003) [2]	18/66	• • • Compounds of groups C08G 18/42,
	Note(s)	10/00	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
	group C08G 101/00.		hydrogen [2]
18/02	 of isocyanates or isothiocyanates only [2] 	18/68	• • • • Unsaturated polyesters [2]
18/04	with vinyl compounds [2]	18/69	 Polymers of conjugated dienes [2]
18/06	with compounds having active hydrogen [2]	18/70	• • characterised by the isocyanates or isothiocyanates
18/08	• • Processes [2]	10/51	used [2]
18/09	 comprising oligomerisation of isocyanates or isothiocyanates involving reaction of a part of 	18/71	Monoisocyanates or monoisothiocyanates [2] Political and in this control is a second [2].
	the isocyanate or isothiocyanate groups with	18/72 18/73	• • • Polyisocyanates or polyisothiocyanates [2]
	each other in the reaction mixture (use of	18/74	• • • • acyclic [2] • • • • cyclic [2]
	preformed oligomers C08G 18/79) [7]	18/75	• • • • cycloaliphatic [2]
18/10	Prepolymer processes involving reaction of	18/76	• • • • aromatic [2]
	isocyanates or isothiocyanates with compounds having active hydrogen in a first reaction step	18/77	• • • having hetero atoms in addition to the
	(masked polyisocyanates C08G 18/80) [2]		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 [2]
18/16	• • • Catalysts (catalysts in general B01J) [2]	18/79	• • • • characterised by the polyisocyanates
18/18	• • • containing secondary or tertiary amines or		used, these having groups formed by oligomerisation of isocyanates or
	salts thereof [2]		isothiocyanates [2]
18/20	• • • • Heterocyclic amines; Salts thereof [2]	18/80	• • • • Masked polyisocyanates [2]
18/22	• • • • containing metal compounds [2]	18/81	• • • Unsaturated isocyanates or isothiocyanates [2]
18/24 18/26	• • • • • of tin [2]	18/82	 Post-polymerisation treatment [2]
18/28	• • • of lead [2]• characterised by the compounds used containing	18/83	 Chemically modified polymers [2]
10/20	active hydrogen [2]	18/84	• • • by aldehydes [2]
		18/85	 • by azo compounds [2]
	Note(s)	18/86	• • • by peroxides [2]
	For the purpose of this group, the addition of water for	18/87	• • • by sulfur [2]
	the preparation of cellular materials is not taken into consideration.	59/00	Polycondensates containing more than one epoxy
18/30	• • Low-molecular-weight compounds [2]	33700	group per molecule (low-molecular-weight polyepoxy
18/32	• • • Polyhydroxy compounds; Polyamines;		compounds C07); Macromolecules obtained by
10/32	Hydroxy amines [2]		reaction of epoxy polycondensates with
18/34	Carboxylic acids; Esters thereof with		monofunctional low-molecular-weight compounds; Macromolecules obtained by polymerising
	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]
10/10	(C08G 18/32 takes precedence) [2]	59/02	 Polycondensates containing more than one epoxy
18/40	High-molecular-weight compounds [2]	=0.40.4	group per molecule [2]
18/42	• • • Polycondensates having carboxylic or carbonic ester groups in the main chain [2]	59/04	• • of polyhydroxy compounds with epihalohydrins or
18/44	• • • • Polycarbonates [2]	59/06	precursors thereof [2] • • • of polyhydric phenols [2]
18/46	• • • • having hetero atoms other than	59/08	• • • • from phenol-aldehyde condensates [2]
20	oxygen [2]	59/10	of polyamines with epihalohydrins or precursors
18/48	• • • • Polyethers [2]		thereof [2]
18/50	• • • • having hetero atoms other than	59/12	 of polycarboxylic acids with epihalohydrins or
	oxygen [2]		precursors thereof [2]

59/14	 Polycondensates modified by chemical after- treatment [2] 	61/06	 • prepared by ring-opening of carbocyclic compounds [2]
59/16	• • by monocarboxylic acids or by anhydrides, halides or low-molecular-weight esters thereof [2]	61/08	• • • of carbocyclic compounds containing one or more carbon-to-carbon double bonds in the
59/17	by acrylic or methacrylic acid [4]		ring [2]
59/18	Macromolecules obtained by polymerising	61/10	 only aromatic carbon atoms, e.g.
	compounds containing more than one epoxy group		polyphenylenes [2]
	per molecule using curing agents or catalysts which	61/12	Macromolecular compounds containing atoms other
59/20	react with the epoxy groups [2]characterised by the epoxy compounds used [2]		than carbon in the main chain of the macromolecule [2]
39/20	characterised by the epoxy compounds used [2]		macromorecute [2]
	Note(s)	63/00	Macromolecular compounds obtained by reactions
	Preparation and curing of epoxy polycondensates, in		forming a carboxylic ester link in the main chain of the macromolecule (polyester-amides C08G 69/44;
	which the epoxy polycondensate is not exclusively a low-molecular-weight compound and in which the		polyester-imides C08G 73/16) [2, 5]
	method of curing is not important, are classified only in		Note(s)
	group C08G 59/02.		
59/22	• • • Di-epoxy compounds [2]		Compounds characterised by the chemical constitution of the polyesters are classified in the groups for the type
59/24	• • • carbocyclic [2]		of polyester compound. Compounds characterised by
59/26	• • • heterocyclic [2]		the preparation process of the polyesters are classified
59/28 59/30	containing acyclic nitrogen atoms [2]containing atoms other than carbon,		in the groups for the process employed (groups
39/30	hydrogen, oxygen, and nitrogen [2]		C08G 63/78-C08G 63/87). Compounds characterised both by the chemical constitution and by the preparation
59/32	Epoxy compounds containing three or more		process are classified according to each of these aspects.
	epoxy groups [2]	63/02	 Polyesters derived from hydroxy carboxylic acids or
59/34	• • • obtained by epoxidation of an unsaturated		from polycarboxylic acids and polyhydroxy
E0/20	polymer [2]	62/06	compounds [2]
59/36 59/38	together with mono-epoxy compounds [2]together with di-epoxy compounds [2]	63/06 63/08	derived from hydroxy carboxylic acids [2]Lactones or lactides [2]
59/40	characterised by the curing agents used [2]	63/12	derived from polycarboxylic acids and
59/42	Polycarboxylic acids; Anhydrides, halides, or	00/12	polyhydroxy compounds [2]
	low-molecular-weight esters thereof [2]	63/123	 the acids or hydroxy compounds containing
59/44	• • • Amides [2]		carbocyclic rings [5]
59/46	• • • together with other curing agents [2]	63/127	3 5
59/48	• • • • with polycarboxylic acids or with	63/13	• • • • containing two or more aromatic rings [5]
	anhydrides, halides, or low-molecular- weight esters thereof [2]	63/133	 • • • Hydroxy compounds containing aromatic rings [5]
59/50	• • • Amines [2]	63/137	3
59/52	• • • Amino carboxylic acids [2]		cycloaliphatic rings [5]
59/54	• • • Amino amides [2]	63/16	Dicarboxylic acids and dihydroxy
59/56	• • • together with other curing agents [2]	C2 /10	compounds [2]
59/58	• • • • with polycarboxylic acids or with	63/18	• • • the acids or hydroxy compounds containing carbocyclic rings [2]
	anhydrides, halides, or low-molecular- weight esters thereof [2]	63/181	
59/60	• • • • with amides [2]	63/183	
59/62	• • • Alcohols or phenols [2]	63/185	• • • • • containing two or more aromatic
59/64	• • • Amino alcohols [2]		rings [5]
59/66	• • • Mercaptans [2]	63/187	• • • • • containing condensed aromatic
59/68	 characterised by the catalysts used [2] 	63/189	rings [5] • • • • • • containing a naphthalene ring [5]
59/70	• • • Chelates [2]	63/19	Hydroxy compounds containing aromatic
59/72	• • • Complexes of boron halides [2]	00, 20	rings [5]
	Note(s)	63/191	• • • • • Hydroquinones [5]
	In groups C08G 61/00-C08G 79/00, in the absence of	63/193	• • • • • containing two or more aromatic
	an indication to the contrary, macromolecular	63/195	rings [5] • • • • • Bisphenol A [5]
	compounds obtained by reactions forming two different linkages in the main chain are classified only according	63/197	• • • • • containing condensed aromatic
	to the linkage present in excess.	05/15/	rings [5]
04.400		63/199	• • • • Acids or hydroxy compounds containing
61/00	Macromolecular compounds obtained by reactions forming a carbon-to-carbon link in the main chain of		cycloaliphatic rings [5]
	the macromolecule (C08G 2/00-C08G 16/00 take	63/20	 Polyesters having been prepared in the presence of compounds having one reactive
	precedence) [2]		group or more than two reactive groups [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]		
-1,01	\		

63/21	• • • • in the presence of unsaturated	63/80	• • Solid-state polycondensation [5]
	monocarboxylic acids or unsaturated	63/81	• • using solvents (C08G 63/79 takes precedence) [5]
	monohydric alcohols or reactive derivatives thereof [5]	63/82	• • characterised by the catalyst used [5]
63/40	Polyesters derived from ester-forming	63/83	 Alkali metals, alkaline earth metals, beryllium, magnesium, copper, silver, gold, zinc,
	derivatives of polycarboxylic acids or of		cadmium, mercury, manganese, or compounds
	polyhydroxy compounds, other than from esters		thereof [5]
	thereof [2]	63/84	• • Boron, aluminium, gallium, indium, thallium,
63/42	• • • Cyclic ethers (C08G 59/00 takes		rare-earth metals, or compounds thereof [5]
	<pre>precedence); Cyclic carbonates; Cyclic sulfites; Cyclic orthoesters [2, 7]</pre>	63/85	• • Germanium, tin, lead, arsenic, antimony,
63/44	• • • Polyamides; Polynitriles [2]		bismuth, titanium, zirconium, hafnium,
63/46	Polyesters chemically modified by		vanadium, niobium, tantalum, or compounds thereof [5]
05/ 10	esterification (C08G 63/20 takes precedence;	63/86	• • • Germanium, antimony, or compounds
	by after-treatment C08G 63/91) [2]	03/00	thereof [5]
63/47	 • • • by unsaturated monocarboxylic acids or 	63/87	• • Non-metals or inter-compounds thereof (boron
	unsaturated monohydric alcohols or reactive		C08G 63/84) [5]
CD / 40	derivatives thereof [5]	63/88	 Post-polymerisation treatment [5]
63/48	• • • by unsaturated higher fatty oils or their	63/89	 Recovery of the polymer [5]
63/49	acids; by resin acids [2] • • • • Alkyd resins [5]	63/90	 Purification; Drying [5]
63/50	• • • by monohydric alcohols [2]	63/91	 Polymers modified by chemical after-treatment [5]
63/52	Polycarboxylic acids or polyhydroxy	64/00	No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
03/32	compounds in which at least one of the two	64/00	Macromolecular compounds obtained by reactions forming a carbonic ester link in the main chain of the
	components contains aliphatic unsaturation [2]		macromolecule (polycarbonate-amides C08G 69/44;
63/54	• • • the acids or hydroxy compounds containing		polycarbonate-imides C08G 73/16) [5]
	carbocyclic rings [2]		
63/547			Note(s)
	rings [5]		Polymers containing both carboxylic ester groups and
63/553			carbonate groups are always classified in group
	cycloaliphatic rings, e.g. Diels-Alder		C08G 63/64, even when the carbonate groups are present in excess.
CD /FC	adducts [5]	64/02	Aliphatic polycarbonates [5]
63/56	 Polyesters derived from ester-forming derivatives of polycarboxylic acids or of 	64/04	Ampliatic polycarboniates [5] Aromatic polycarbonates [5]
	polyhydroxy compounds, other than from	64/04	 not containing aliphatic unsaturation [5]
	esters thereof [2]	64/08	containing anymatic unsaturation [5] containing atoms other than carbon, hydrogen
63/58	• • • • Cyclic ethers (C08G 59/00 takes	04/00	or oxygen [5]
	precedence); Cyclic carbonates; Cyclic	64/10	• • • containing halogens [5]
	sulfites [2]	64/12	• • • containing nitrogen [5]
63/60	derived from the reaction of a mixture of hydroxy	64/14	• • containing a chain-terminating or -crosslinking
	carboxylic acids, polycarboxylic acids and		agent [5]
62/64	polyhydroxy compounds [2]Polyesters containing both carboxylic ester groups	64/16	 Aliphatic-aromatic or araliphatic polycarbonates [5]
63/64	and carbonate groups [2]	64/18	 Block or graft polymers [5]
63/66	 Polyesters containing oxygen in the form of ether 	64/20	 General preparatory processes [5]
03/00	groups (C08G 63/42, C08G 63/58 take	64/22	 using carbonyl halides [5]
	precedence) [2]	64/24	• • and phenols [5]
63/664	• • derived from hydroxycarboxylic acids [5]	64/26	 using halocarbonates [5]
63/668		64/28	• • and phenols [5]
	polyhydroxy compounds [5]	64/30	 using carbonates [5]
63/672	5 5	64/32	 using carbon dioxide [5]
	compounds [5]	64/34	• • and cyclic ethers [5]
63/676	*	64/36	 using carbon monoxide [5]
60.460	contains aliphatic unsaturation [5]	64/38	 using other monomers [5]
63/68	• Polyesters containing atoms other than carbon,	64/40	 Post-polymerisation treatment [5]
	hydrogen, and oxygen (C08G 63/64 takes precedence) [4]	64/42	Chemical after-treatment [5]
63/682		65/00	Macromolecular compounds obtained by reactions
63/685		05/00	forming an ether link in the main chain of the
63/688			macromolecule (polyacetals C08G 2/00, C08G 4/00;
63/692			epoxy resins C08G 59/00; polythioether-ethers
63/695			C08G 75/12; polyethers containing less than eleven
63/698	_		monomer units C07C) [2]
63/78	Preparation processes [5]	65/02	• from cyclic ethers by opening of the heterocyclic
63/79	 Interfacial processes, i.e. processes involving a 	CE /0.4	ring [2]
	reaction at the interface of two non-miscible	65/04	• • from cyclic ethers only [2]

liquids [5]

65/06	Cyclic ethers having no atoms other than	69/02	 Polyamides derived from amino carboxylic acids or
G= /00	carbon and hydrogen outside the ring [2]	50.40.4	from polyamines and polycarboxylic acids [2]
65/08	• • • Saturated oxiranes [2]	69/04	Preparatory processes [2]
65/10	• • • • characterised by the catalysts used [2]	69/06	• • • Solid state polycondensation [2]
65/12	• • • • containing organo-metallic compounds or metal hydrides [2]	69/08	derived from amino carboxylic acids [2] Alaba amino carboxylic acids [2]
65/14	• • • Unsaturated oxiranes [2]	69/10	Alpha-amino-carboxylic acids [2] A with both amino and carboxylic groups
65/16	· · · Cyclic ethers having four or more ring	69/12	 • with both amino and carboxylic groups aromatically bound [2]
03/10	atoms [2]	69/14	• • • Lactams [2]
65/18	• • • • • Oxetanes [2]	69/16	• • • • Preparatory processes [2]
65/20	• • • • Tetrahydrofuran [2]	69/18	• • • • Anionic polymerisation [2]
65/22	 Cyclic ethers having at least one atom other 	69/20	• • • • characterised by the catalysts used [2]
	than carbon and hydrogen outside the ring [2]	69/22	• • • • Beta-lactams [2]
65/24	• • • Epihalohydrins [2]	69/24	• • • • Pyrrolidones or piperidones [2]
65/26	 from cyclic ethers and other compounds [2] 	69/26	 derived from polyamines and polycarboxylic
65/28	 Cyclic ethers and hydroxy compounds [2] 		acids [2]
65/30	Post-polymerisation treatment, e.g. recovery,	69/28	 Preparatory processes [2]
CE /22	purification, drying [2]	69/30	• • • • Solid state polycondensation [2]
65/32	Polymers modified by chemical after-treatment [2]	69/32	• • • from aromatic diamines and aromatic
65/321 65/322	• • with inorganic compounds [7]• • containing hydrogen [7]		dicarboxylic acids with both amino and carboxylic groups aromatically bound [2]
65/323	• • • containing hydrogen [7]	69/34	 using polymerised unsaturated fatty acids [2]
65/324	• • • containing oxygen [7]	69/36	 derived from amino acids, polyamines, and
65/325	• • • containing nitrogen [7]	03/30	polycarboxylic acids [2]
65/326	• • • containing sulfur [7]	69/38	 Polyamides prepared from aldehydes and
65/327	• • • containing phosphorus [7]		polynitriles [2]
65/328	• • • containing other elements [7]	69/40	 Polyamides containing oxygen in the form of ether
	• • • with organic compounds [7]		groups (C08G 69/12, C08G 69/32 take
65/331	• • • containing oxygen [7]	69/42	precedence) [2]
65/332	• • • containing carboxyl groups, or halides or	09/42	 Polyamides containing atoms other than carbon, hydrogen, oxygen, and nitrogen (C08G 69/12,
	esters thereof [7]		C08G 69/32 take precedence) [2]
65/333	• • • containing nitrogen [7]	69/44	Polyester-amides [2]
65/334	• • • containing sulfur [7]	00/40	D
		69/46	 Post-polymerisation treatment [2]
65/335	• • • containing phosphorus [7]	69/46 69/48	 Post-polymerisation treatment [2] Polymers modified by chemical after-treatment [2]
65/335 65/336	• • containing silicon [7]		
65/335	• • • containing silicon [7]• • • containing other elements (organic	69/48 69/50	Polymers modified by chemical after-treatment [2]with aldehydes [2]
65/335 65/336	containing silicon [7]containing other elements (organic compounds containing halogens only as	69/48	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions
65/335 65/336	• • • containing silicon [7]• • • containing other elements (organic	69/48 69/50	Polymers modified by chemical after-treatment [2]with aldehydes [2]
65/335 65/336	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group 	69/48 69/50	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a
65/335 65/336 65/337	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic 	69/48 69/50	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from
65/335 65/336 65/337 65/338 65/34	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] 	69/48 69/50 71/00	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2]
65/335 65/336 65/337 65/338 65/34 65/36	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] 	69/48 69/50 71/00 71/02 71/04	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] 	69/48 69/50 71/00 71/02	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [2] Macromolecular compounds obtained by reactions
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] • from phenols and other compounds [2] 	69/48 69/50 71/00 71/02 71/04	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a
65/335 65/337 65/338 65/34 65/36 65/38 65/40 65/42	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] Phenols and polyhydroxy ethers [2] 	69/48 69/50 71/00 71/02 71/04	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [2] Macromolecular compounds obtained by reactions
65/335 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] Phenols and polyhydroxy ethers [2] by oxidation of phenols [2] 	69/48 69/50 71/00 71/02 71/04 73/00	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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]
65/335 65/337 65/338 65/34 65/36 65/38 65/40 65/42	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] Phenols and polyhydroxy ethers [2] by oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, 	69/48 69/50 71/00 71/02 71/04	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] by oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] 	69/48 69/50 71/00 71/02 71/04 73/00	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] by oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] 	69/48 69/50 71/00 71/02 71/04 73/00 73/02	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] phy oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions	69/48 69/50 71/00 71/02 71/04 73/00	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] phy oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a	69/48 69/50 71/00 71/02 71/04 73/00 73/02	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] phy oxidation of phenols [2] post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a linkage containing oxygen or oxygen and carbon, not	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] phy oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a	69/48 69/50 71/00 71/02 71/04 73/00 73/02	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles;
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46 65/48 67/00	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] • of rom phenols and other compounds [2] • of phenols and polyhydroxy ethers [2] • of post-polymerisation treatment, e.g. recovery, purification, drying [2] • Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] • Copolymers of carbon monoxide and aliphatic unsaturated compounds [2] 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyaminotriazoles; Polyoxadiazoles [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/38 65/40 65/42 65/44 65/46 65/48 67/00	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] py oxidation of phenols [2] post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] Copolymers of carbon monoxide and aliphatic 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2] Polyimides; Polyester-imides; Polyamide-imides;
65/335 65/336 65/337 65/338 65/34 65/36 65/40 65/42 65/44 65/46 65/48 67/00	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] Phenols and polyhydroxy ethers [2] by oxidation of phenols [2] Post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] Copolymers of carbon monoxide and aliphatic unsaturated compounds [2] Polyanhydrides [2] 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyamides; Polyamide-imides; Polyamide acids or similar polyimide
65/335 65/336 65/337 65/338 65/34 65/36 65/40 65/42 65/44 65/46 65/48 67/00	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] • of rom phenols and other compounds [2] • of phenols and polyhydroxy ethers [2] • of post-polymerisation treatment, e.g. recovery, purification, drying [2] • Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] • Copolymers of carbon monoxide and aliphatic unsaturated compounds [2] • Polyanhydrides [2] Macromolecular compounds obtained by reactions 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2] Polyimides; Polyester-imides; Polyamide-imides;
65/335 65/336 65/337 65/338 65/34 65/36 65/40 65/42 65/44 65/46 65/48 67/00	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] • from phenols and other compounds [2] • o Phenols and polyhydroxy ethers [2] • o by oxidation of phenols [2] • o Post-polymerisation treatment, e.g. recovery, purification, drying [2] • Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] • Copolymers of carbon monoxide and aliphatic unsaturated compounds [2] • Polyanhydrides [2] Macromolecular compounds obtained by reactions forming a carboxylic amide link in the main chain of the macromolecule (products obtained from 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyamide acids or similar polyimide acids or similar polyimide precursors [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/40 65/42 65/44 65/46 65/48 67/00	 containing silicon [7] containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] with inorganic and organic compounds [7] from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] Furfuryl alcohol [2] derived from phenols [2] from phenols and other compounds [2] phenols and polyhydroxy ethers [2] post-polymerisation treatment, e.g. recovery, purification, drying [2] Polymers modified by chemical after-treatment [2] Polymers modified by chemical after-treatment [2] Poolymers of carbon monoxide and aliphatic unsaturated compounds [2] Polyanhydrides [2] Macromolecular compounds obtained by reactions forming a carboxylic amide link in the main chain of the macromolecule [2] Macromolecular compounds obtained by reactions forming a carboxylic amide link in the main chain of the macromolecule (products obtained from isocyanates or isothiocyanates C08G 18/00; 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06 73/10	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyamide acids or similar polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2] Unsaturated polyimide precursors [2]
65/335 65/336 65/337 65/338 65/34 65/36 65/40 65/42 65/44 65/46 65/48 67/00	 • • • containing silicon [7] • • • containing other elements (organic compounds containing halogens only as halides of a carboxyl group C08G 65/332) [7] • • with inorganic and organic compounds [7] • from hydroxy compounds or their metallic derivatives (C08G 65/28 takes precedence) [2] • Furfuryl alcohol [2] • derived from phenols [2] • from phenols and other compounds [2] • o Phenols and polyhydroxy ethers [2] • o by oxidation of phenols [2] • o Post-polymerisation treatment, e.g. recovery, purification, drying [2] • Polymers modified by chemical after-treatment [2] Macromolecular compounds obtained by reactions 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] • Copolymers of carbon monoxide and aliphatic unsaturated compounds [2] • Polyanhydrides [2] Macromolecular compounds obtained by reactions forming a carboxylic amide link in the main chain of the macromolecule (products obtained from 	69/48 69/50 71/00 71/02 71/04 73/00 73/02 73/04 73/06 73/10 73/12 73/14	 Polymers modified by chemical after-treatment [2] with aldehydes [2] Macromolecular compounds obtained by reactions forming in the main chain of the macromolecule a ureide or urethane link, otherwise than from isocyanate radicals [2] Polyureas [2] Polyurethanes [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 units C07C) [2] derived from alkyleneimines [2] Polycondensates having nitrogen-containing heterocyclic rings in the main chain of the macromolecule; Polyhydrazides; Polyamide acids or similar polyimide precursors [2] Polyhydrazides; Polytriazoles; Polyamide-imides; Polyaminotriazoles; Polyoxadiazoles [2] Polyimides; Polyester-imides; Polyamide-imides; Polyamide acids or similar polyimide precursors [2] Unsaturated polyimide precursors [2] Polyamide-imides [2]

	Polybenzoxazoles [2]	///302	• • • containing atoms other than carbon, hydrogen,
73/24	 Copolymers of a fluoronitroso organic compound and 		oxygen or silicon [5]
	another fluoro organic compound, e.g. nitroso	77/385	 containing halogens [5]
	rubbers [2]	77/388	• • • containing nitrogen [5]
73/26	 of trifluoronitrosomethane with a fluoro-olefin [2] 	77/392	• • • containing sulfur [5]
== /00		77/395	• • • containing phosphorus [5]
75/00	Macromolecular compounds obtained by reactions		• • • containing boron or metal atoms [5]
	forming in the main chain of the macromolecule a	77/42	Block- or graft-polymers containing polysiloxane
	linkage containing sulfur, with or without nitrogen,		sequences (polymerising aliphatic unsaturated
75/02	oxygen, or carbon [2]		monomers on to a polysiloxane C08F 283/12) [2]
	Polythioethers [2]	77/44	 containing only polysiloxane sequences [2]
75/04	 from mercapto compounds or metallic derivatives thereof [2] 	77/442	 containing vinyl polymer sequences [5]
75 /06		77/445	 containing polyester sequences [5]
75/06	• • from cyclic thioethers [2]	77/448	• • containing polycarbonate sequences [5]
75/08	• • • from thiiranes [2]	77/452	• • containing nitrogen-containing sequences [5]
75/10	• • from sulfur or sulfur-containing compounds and	77/455	containing polyamide, polyesteramide or
FF (40	aldehydes or ketones [2]	777433	polyimide sequences [5]
75/12	Polythioether-ethers [2]	77/458	• • • containing polyurethane sequences [5]
75/14	• Polysulfides [2]	77/46	 containing polyatematic sequences [3] containing polyether sequences [2]
75/16	by polycondensation of organic compounds with	77/48	 in which at least two but not all the silicon atoms are
	inorganic polysulfides [2]	77740	connected by linkages other than oxygen atoms
75/18	 Polysulfoxides [2] 		(C08G 77/42 takes precedence) [2]
75/20	 Polysulfones [2] 	77/50	by carbon linkages [2]
75/22	 Copolymers of sulfur dioxide with unsaturated 	77/52	• • containing aromatic rings [2]
	aliphatic compounds [2]	77/54	Nitrogen-containing linkages [2]
75/23	 Polyethersulfones [2] 		
75/24	 Polysulfonates [2] 	77/56	Boron-containing linkages [2]
75/26	• Polythioesters [2]	77/58	Metal-containing linkages [2]
75/28	 Polythiocarbonates [2] 	77/60	• in which all the silicon atoms are connected by
75/30	 Polysulfonamides; Polysulfonimides [2] 	55 / 60	linkages other than oxygen atoms [2]
75/32	 Polythiazoles; Polythiadiazoles [2] 	77/62	Nitrogen atoms [2]
77/00	Macromolecular compounds obtained by reactions	79/00	Macromolecular compounds obtained by reactions
	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur,		forming in the main chain of the macromolecule a linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2]
	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2]	79/02	linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] • a linkage containing phosphorus [2]
77/02	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] • Polysilicates [2]	79/02 79/04	linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2]
77/02 77/04	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] • Polysilicates [2] • Polysiloxanes [2]		linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] • a linkage containing phosphorus [2]
77/02 77/04 77/06	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] • Polysilicates [2] • Polysiloxanes [2] • Preparatory processes [2]		 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and
77/02 77/04 77/06 77/08	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] characterised by the catalysts used [2]	79/04	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2]
77/02 77/04 77/06 77/08 77/10	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] characterised by the catalysts used [2] Equilibration processes [2]	79/04 79/06	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2]
77/02 77/04 77/06 77/08 77/10 77/12	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] characterised by the catalysts used [2] Equilibration processes [2] containing silicon bound to hydrogen [2]	79/04 79/06 79/08	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2]
77/02 77/04 77/06 77/08 77/10	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Characterised by the catalysts used [2] Equilibration processes [2] containing silicon bound to hydrogen [2] containing silicon bound to oxygen-containing	79/04 79/06 79/08 79/10	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Characterised by the catalysts used [2] Equilibration processes [2] Containing silicon bound to hydrogen [2] containing silicon bound to oxygen-containing groups [2]	79/04 79/06 79/08 79/10 79/12	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than
77/02 77/04 77/06 77/08 77/10 77/12 77/14	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Characterised by the catalysts used [2] Equilibration processes [2] containing silicon bound to hydrogen [2] containing silicon bound to oxygen-containing groups [2] to hydroxy groups [2]	79/04 79/06 79/08 79/10 79/12 79/14	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] • Polysilicates [2] • Polysiloxanes [2] • Preparatory processes [2] • characterised by the catalysts used [2] • containing silicon bound to hydrogen [2] • containing silicon bound to oxygen-containing groups [2] • to hydroxy groups [2] • to alkoxy or aryloxy groups [2]	79/04 79/06 79/08 79/10 79/12	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] Macromolecular compounds obtained by
77/02 77/04 77/06 77/08 77/10 77/12 77/14	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Pequalibration processes [2] Containing silicon bound to hydrogen [2] containing silicon bound to oxygen-containing groups [2] to hydroxy groups [2] to alkoxy or aryloxy groups [2] containing silicon bound to unsaturated aliphatic	79/04 79/06 79/08 79/10 79/12 79/14	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] Macromolecular compounds obtained by interreacting polymers in the absence of monomers,
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Pequalibration processes [2] Containing silicon bound to hydrogen [2] containing silicon bound to oxygen-containing groups [2] to hydroxy groups [2] to alkoxy or aryloxy groups [2] containing silicon bound to unsaturated aliphatic groups [2]	79/04 79/06 79/08 79/10 79/12 79/14	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] Macromolecular compounds obtained by interreacting polymers in the absence of monomers, e.g. block polymers (involving only carbon-to-carbon
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory processes [2] Pedialibration processes [2] Containing silicon bound to hydrogen [2] Containing silicon bound to oxygen-containing groups [2] To hydroxy groups [2] Containing silicon bound to unsaturated aliphatic groups [2] containing silicon bound to organic groups containing silicon bound to organic groups	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory processes [2] Pequilibration processes [2] Containing silicon bound to hydrogen [2] Containing silicon bound to oxygen-containing groups [2] To hydroxy groups [2] To alkoxy or aryloxy groups [2] Containing silicon bound to unsaturated aliphatic groups [2] Containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and	79/04 79/06 79/08 79/10 79/12 79/14	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2]	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Propagatory processes [2] Preparatory processes [2] Propagatory processes [2] Propagatory processes [2] Preparatory processes [2] Propagatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory processes [2] Pequilibration processes [2] Containing silicon bound to hydrogen [2] Containing silicon bound to oxygen-containing groups [2] To hydroxy groups [2] Containing silicon bound to unsaturated aliphatic groups [2] Containing silicon bound to organic groups containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and oxygen [2] And halogen-containing groups [2] Post-polymerisation treatment (chemical after-	79/04 79/06 79/08 79/10 79/12 79/14 81/00 81/02	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2] General processes for preparing compounds
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22 77/24 77/26 77/28 77/30 77/32	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysilicates [2] Preparatory processes [2] Preparatory processes [2] Pequilibration processes [2] Containing silicon bound to hydrogen [2] Containing silicon bound to oxygen-containing groups [2] To hydroxy groups [2] Containing silicon bound to unsaturated aliphatic groups [2] Containing silicon bound to organic groups containing silicon bound to organic groups containing atoms other than carbon, hydrogen, and oxygen [2] And halogen-containing groups [2] Post-polymerisation treatment (chemical after- treatment C08G 77/38) [2]	79/04 79/06 79/08 79/10 79/12 79/14 81/00 81/02 83/00	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2] General processes for preparing compounds provided for in this subclass [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22 77/24 77/26 77/28 77/30 77/32	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00 81/02 83/00 85/00 Indexing.	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2] General processes for preparing compounds provided for in this subclass [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22 77/24 77/26 77/28 77/30 77/32	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00 81/02 83/00 85/00 Indexing.	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2] General processes for preparing compounds provided for in this subclass [2]
77/02 77/04 77/06 77/08 77/10 77/12 77/14 77/16 77/18 77/20 77/22 77/24 77/26 77/28 77/30 77/32	forming in the main chain of the macromolecule a linkage containing silicon, with or without sulfur, nitrogen, oxygen, or carbon [2] Polysilicates [2] Polysiloxanes [2] Preparatory processes [2] Preparatory	79/04 79/06 79/08 79/10 79/12 79/14 81/00 81/02 83/00 85/00 Indexing cellular p	 linkage containing atoms other than silicon, sulfur, nitrogen, oxygen, and carbon [2] a linkage containing phosphorus [2] Phosphorus linked to oxygen or to oxygen and carbon [2] Phosphorus linked to carbon only [2] a linkage containing boron [2] a linkage containing aluminium [2] a linkage containing tin [2] a linkage containing two or more elements other than carbon, oxygen, nitrogen, sulfur, and silicon [2] 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] at least one of the polymers being obtained by reactions involving only carbon-to-carbon unsaturated bonds [2] Macromolecular compounds not provided for in groups C08G 2/00-C08G 81/00 [2] General processes for preparing compounds provided for in this subclass [2]

C08H DERIVATIVES OF NATURAL MACROMOLECULAR COMPOUNDS (polysaccharides C08B; natural rubber C08C; natural resins or their derivatives C09F; bituminous materials C10)

Note(s)

Therapeutic activity of compounds is further classified in subclass A61P.

1/00	Macromolecular products derived from proteins (food proteins A23; glue, gelatine C09H)	6/00	Macromolecular compounds derived from lignin [2010.01]
1/02 1/04	 Protein-aldehyde condensates Casein-aldehyde condensates	7/00	Lignin; Modified lignin; High-molecular-weight products derived therefrom (low-molecular-weight derivatives of lignin C07G 1/00) [2011.01]
1/06 3/00	 derived from horn, hoofs, hair, skin, or leather Vulcanised oils, e.g. factice 	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)

- 1. This subclass <u>covers</u> processes, not covered by subclasses C08B-C08H, for treating polymers.
- 2. In this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.
- 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 macromolecular substances [2]	5/02 • Direct processing of dispersions, e.g. latex, to articles [2]
 Making solutions, dispersions, lattices or gels by other methods than by solution, emulsion or 	 Reinforcing macromolecular compounds with loose or coherent fibrous material [2]
suspension polymerisation techniques [2]	5/06 • • using pretreated fibrous materials [2]
3/03 • • in aqueous media [5]	5/08 • • • glass fibres [2]
3/05 • • • from solid polymers [5]	5/10 • • characterised by the additives used in the polymer
3/07 • • • from polymer solutions [5]	mixture [2]
3/075 • • • Macromolecular gels [6]	• Bonding of a preformed macromolecular material to
3/09 • • in organic liquids [5]	the same or other solid material such as metal, glass,
3/11 • • • from solid polymers [5]	leather, e.g. using adhesives [2]
3/12 • Powdering or granulating [2]	• Manufacture of abrasive or friction articles or
3/14 • • by precipitation from solutions [2]	materials [2]
3/16 • • by coagulating dispersions [2]	5/16 • Manufacture of articles or materials having reduced friction [2]
3/18 • Plasticising macromolecular compounds (plasticisers	5/18 • Manufacture of films or sheets [2]
C08K) [2]	5/10 • Manufacture of finits of sneets [2] 5/20 • Manufacture of shaped structures of ion-exchange
3/20 • Compounding polymers with additives, e.g.	resins [2]
colouring [2]	5/22 • Films, membranes or diaphragms [2]
3/205 • • in the presence of a liquid phase [5]	5/24 • Impregnating materials with prepolymers which can
3/21 • • • the polymer being premixed with a liquid	be polymerised <u>in situ</u> , e.g. manufacture of
phase [5]	prepregs [2]
3/215 • • • at least one additive being also premixed with a liquid phase [5]	
3/22 • • using masterbatch techniques [2]	7/00 Chemical treatment or coating of shaped articles
3/24 • Crosslinking, e.g. vulcanising, of macromolecules	made of macromolecular substances (coating with metallic material C23C; electrolytic deposition of metals
(mechanical aspects B29C 35/00; crosslinking agents	C25) [2]
C08K) [2]	7/02 • with solvents, e.g. swelling agents [2]
3/26 • • of latex [2]	7/04 • Coating [2]
3/28 • Treatment by wave energy or particle radiation [2]	7/06 • with compositions not containing macromolecular
5/00 Manufacture of articles or shaped materials	substances [2]
containing macromolecular substances (manufacture	7/12 • Chemical modification [2]
of semi-permeable membranes B01D 67/00-	7/14 • • with acids, their salts or anhydrides [2]
B01D 71/00) [2]	7/16 • • with polymerisable compounds [2]
	7/18 • • using wave energy or particle radiation [2]

0 /00	We I'm a form who I we have a form	0./22	And wording from formula and the first feet
9/00	Working-up of macromolecular substances to porous or cellular articles or materials; After-treatment	9/33	Agglomerating foam fragments, e.g. waste foam [5]
	thereof (mechanical aspects of shaping of plastics or	9/34	Chemical features in the manufacture of articles consisting of a featured magraphical articles
	substances in a plastic state for the production of porous		consisting of a foamed macromolecular core and a macromolecular surface layer having a higher density
	or cellular articles B29C) [2]		than the core [2]
9/02	 using blowing gases generated by the reacting 	9/35	Composite foams, i.e. continuous macromolecular
	monomers or modifying agents during the	3733	foams containing discontinuous cellular particles or
	preparation or modification of macromolecules [2]		fragments [5]
9/04	 using blowing gases generated by a previously added 	9/36	• After-treatment (C08J 9/22 takes precedence) [2, 5]
	blowing agent [2]	9/38	Destruction of cell membranes [2]
9/06	 by a chemical blowing agent [2] 	9/40	• • Impregnation [2]
9/08	 developing carbon dioxide [2] 	9/42	• • with macromolecular compounds [2]
9/10	• • developing nitrogen [2]		
9/12	 • by a physical blowing agent [2] 	11/00	Recovery or working-up of waste materials (recovery
9/14	• • • organic [2]		of plastics B29B 17/00; polymerisation processes
	Note(s)		involving purification or recycling of waste polymers or
	Note(s)		their depolymerisation products C08B, C08C, C08F, C08G, C08H) [4]
	In groups C08J 9/16-C08J 9/22, the following term is	11/02	• of solvents, plasticisers or unreacted monomers [4]
	used with the meaning indicated:	11/02	• of polymers [2]
	 "expandable" includes also expanding, pre- expanded or expanded. 		
9/16	Making expandable particles [2, 5]	11/06 11/08	without chemical reactions [4] wing coloring columns for polymer
9/18	by impregnating polymer particles with the	11/00	• • using selective solvents for polymer components [4]
3/10	blowing agent [2]	11/10	by chemically breaking down the molecular chains
9/20	 by suspension polymerisation in the presence of 	11/10	of polymers or breaking of crosslinks, e.g.
3720	the blowing agent [2]		devulcanisation (depolymerisation to the original
9/22	After-treatment of expandable particles; Forming		monomer C07) [4]
	foamed products [2, 5]	11/12	• • • by dry-heat treatment only [4]
9/224	Surface treatment [5]	11/14	• • • by treatment with steam or water [4]
9/228	 Forming foamed products [5] 	11/16	• • • by treatment with inorganic material
9/232	• • • by sintering expandable particles [5]		(C08J 11/14 takes precedence) [4]
9/236	• • • using binding agents [5]	11/18	 • • by treatment with organic material [4]
9/24	 by surface fusion and bonding of particles to form 	11/20	 • • by treatment with hydrocarbons or
	voids, e.g. sintering (of expandable particles		halogenated hydrocarbons [4]
	C08J 9/232) [2, 5]	11/22	• • • by treatment with organic oxygen-containing
9/26	by elimination of a solid phase from a		compounds [4]
	macromolecular composition or article, e.g. leaching	11/24	• • • • containing hydroxyl groups [4]
0.400	out [2]	11/26	• • • • containing carboxylic acid groups, their
9/28	• by elimination of a liquid phase from a	11 /00	anhydrides or esters [4]
	macromolecular composition or article, e.g. drying of coagulum [2]	11/28	• • • • by treatment with organic compounds
9/30	by mixing gases into liquid compositions or		containing nitrogen, sulfur or phosphorus [4]
3/30	plastisols, e.g. frothing with air [2]	99/00	Subject matter not provided for in other groups of
9/32	• from compositions containing micro-balloons, e.g.		this subclass [2006.01]
J, J_			

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

Note(s)

- 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:

syntactic foams [2]

- 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".

0/00 77 61 11 17 170	5 (4505 F) 1 1 1 5 5 5
3/00 Use of inorganic ingredients [2]	5/1535 • • • • Five-membered rings [7]
3/02 • Elements [2]	5/1539 • • • • Cyclic anhydrides [7]
3/04 • • Carbon [2]	5/1545 • • • Six-membered rings [7]
3/06 • • Sulfur [2]	5/156 • • • having two oxygen atoms in the ring [7]
3/08 • • Metals [2]	5/1565 • • • • Five-membered rings [7] 5/1575 • • • • Six-membered rings [7]
3/10 • Metal compounds [2]	0
3/12 • Hydrides [2] 3/14 • Carbides [2]	5/159 • • • having more than two oxygen atoms in the ring [7]
	5/16 • Nitrogen-containing compounds [2]
 3/16 • Halogen-containing compounds [2] 3/18 • Oxygen-containing compounds, e.g. metal 	5/17 • • Amines; Quaternary ammonium compounds [2]
carbonyls [2]	5/18 • • • with aromatically bound amino groups [2]
3/20 • Oxides; Hydroxides [2]	5/19 • • • Quaternary ammonium compounds [2]
3/22 • • • of metals [2]	5/20 • • Carboxylic acid amides [2]
3/24 • • Acids; Salts thereof [2]	-
3/26 • • • Carbonates; Bicarbonates [2]	5/205 • • Compounds containing -O-C-NK groups, e.g.
3/28 • Nitrogen-containing compounds [2]	5/205 • • Compounds containing ——————————————————————————————————
3/30 • Sulfur-, selenium-, or tellurium-containing	
compounds [2]	, , ,
3/32 • Phosphorus-containing compounds [2]	5/22 • • Compounds containing nitrogen bound to another nitrogen atom [2]
3/34 • Silicon-containing compounds [2]	5/23 • • • Azo-compounds [2]
3/36 • • Silica [2]	5/24 • • • Derivatives of hydrazine [2]
3/38 • Boron-containing compounds [2]	5/25 • • • Carboxylic acid hydrazides [2]
3/40 • Glass [2]	5/26 • • • • Semicarbazides [2]
T/00 TY 6 1 1 1 1 1 10	5/27 • • • Compounds containing a nitrogen atom bound
5/00 Use of organic ingredients [2]	to two other nitrogen atoms, e.g. diazoamino-
5/01 • Hydrocarbons [2]	compounds [2]
5/02 • Halogenated hydrocarbons [2]	5/28 • • • • Azides [2]
5/03 • • aromatic [2]	5/29 • • Compounds containing carbon-to-nitrogen double
5/04 • Oxygen-containing compounds [2]	bonds [2]
5/05 • Alcohols; Metal alcoholates [2]	5/30 • • • Hydrazones; Semicarbazones [2]
5/053 • • • Polyhydroxylic alcohols [6] 5/057 • • • Metal alcoholates [6]	5/31 • • • Guanidine; Derivatives thereof [2]
5/057 • • Metal alcoholates [6] 5/06 • Ethers; Acetals; Ketals; Ortho-esters [2]	5/315 • • Compounds containing carbon-to-nitrogen triple
5/07 • Aldehydes; Ketones [2]	bonds [6]
5/08 • • • Quinones [2]	5/32 • • Compounds containing nitrogen bound to
5/09 • Carboxylic acids; Metal salts thereof; Anhydrides	oxygen [2] 5/33 • • • Oximes [2]
thereof [2]	5/34 • • Heterocyclic compounds having nitrogen in the
5/092 • • • Polycarboxylic acids [6]	ring [2]
5/095 • • • Carboxylic acids containing halogens [6]	5/3412 • • having one nitrogen atom in the ring [5]
5/098 • • • Metal salts of carboxylic acids [6]	5/3415 • • • Five-membered rings [5]
5/10 • • Esters; Ether-esters [2]	5/3417 • • • • condensed with carbocyclic rings [5]
5/101 • • • of monocarboxylic acids [6]	5/3432 • • • • Six-membered rings [5]
5/103 • • • with polyalcohols [6]	5/3435 • • • • Piperidines [5]
5/105 • • • with phenols [6]	5/3437 • • • • condensed with carbocyclic rings [5]
5/107 • • • • with polyphenols [6]	5/3442 • • having two nitrogen atoms in the ring [5]
5/109 • • • of carbonic acid [6]	5/3445 • • • • Five-membered rings [5]
5/11 • • • of acyclic polycarboxylic acids [2]	5/3447 • • • condensed with carbocyclic rings [5]
5/12 • • • of cyclic polycarboxylic acids [2]	5/3462 • • • • Six-membered rings [5]
5/13 • • Phenols; Phenolates [2]	5/3465 • • • • condensed with carbocyclic rings [5]
5/132 • • • Phenols containing keto groups [6]	5/3467 • • • having more than two nitrogen atoms in the
5/134 • • • Phenols containing ester groups [6]	ring [5]
5/136 • • • Phenols containing halogens [6]	5/3472 • • • • Five-membered rings [5]
5/138 • • • Phenolates [6]	5/3475 • • • condensed with carbocyclic rings [5]
5/14 • • Peroxides [2]	5/3477 • • • • Six-membered rings [5]
5/15 • • Heterocyclic compounds having oxygen in the	5/3492 • • • • Triazines [5]
ring [2]	5/3495 • • • • condensed with carbocyclic rings [5]
5/151 • • • having one oxygen atom in the ring [7]	5/35 • • • having also oxygen in the ring [2]
5/1515 • • • • Three-membered rings [7]	5/353 • • • • Five-membered rings [5]
5/1525 • • • • Four-membered rings [7]	5/357 • • • • Six-membered rings [5]

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5/36 •	Sulfur-, selenium-, or tellurium-containing	5/541	5 • • • containing at least one Si—O bond [7]
	compounds [2]		9 • • • containing at least one Si—C bond [7]
	• Thiols [2, 7]		5 • • containing at least one C=C bond [7]
	• Sulfides [6, 7]		5 • • • containing oxygen in a ring [7]
	• • containing six-membered aromatic rings [6, 7]		 containing nitrogen [7]
	• • containing heterocyclic rings [6, 7]	5/544	5 • • • containing at least one Si—N bond [7]
5/38 •	Thiocarbonic acids; Derivatives thereof, e.g.		🖁
F /20	xanthates [2]		5 • • • containing at least one N−C− group [7]
5/39 •	 Thiocarbamic acids; Derivatives thereof, e.g. dithiocarbamates [2] 		5 • • containing at least one C=N bond [7]
5/40 •	Thiuramsulfides; Thiurampolysulfides, e.g.		5 • • • containing at least one C≡N bond [7]
3/40			 containing sulfur [7]
	>N-C-(S) _x -C-N<	5/549	0 0
	compounds containing	5/55	Boron-containing compounds [2]
	groups [2]	5/56	Organo-metallic compounds, i.e. organic compounds
	Thioureas; Derivatives thereof [6]	F/F7	containing a metal-to-carbon bond [2]
	Compounds containing sulfur bound to oxygen [2]	5/57	Organo-tin compounds [2]
	Sulfonic acids; Derivatives thereof [2]	5/58	• • • containing sulfur [2]
5/43 •	Compounds containing sulfur bound to pitrogon [2]	5/59	Arsenic- or antimony-containing compounds [2]
F / 4DF .	nitrogen [2] • Sulfonamides [6]	7/00	Use of ingredients characterised by shape [2]
	• • Sulfenamides [2]	7/02	• Fibres or whiskers [2]
		7/04	• • inorganic [2]
5/45	 Heterocyclic compounds having sulfur in the ring [2] 	7/06	• • • Elements [2]
5/46 •	with oxygen or nitrogen in the ring [2]	7/08	 • • Oxygen-containing compounds [2]
	• • • Thiazoles [2]	7/10	• • Silicon-containing compounds [2]
	Selenium- or tellurium-containing compounds [2]	7/12	• • • • Asbestos [2]
	Phosphorus-containing compounds [2]	7/14	• • • Glass [2]
	Phosphorus bound to carbon only [2, 5]	7/16	• Solid spheres [2]
	Phosphorus bound to oxygen [2]	7/18	• • inorganic [2]
	bound to oxygen only [2]	7/20	• • • Glass [2]
	• • • Esters of phosphoric acids, e.g. of H ₃ PO ₄ [5]	7/22	 Expanded, porous or hollow particles [2]
	• • • • with hydroxyaryl compounds [5]	7/24	• • inorganic [2]
	• • • Esters of phosphorous acids, e.g. of	7/26	 • Silicon-containing compounds [2]
	H ₃ PO ₃ [5]	7/28	• • • Glass [2]
	• • • • with hydroxyaryl compounds [5]	9/00	Use of pretreated ingredients (use of pretreated fibrous
5/527 •	• • • Cyclic esters [5]	9/00	materials in the manufacture of articles or shaped
5/529 •	 Esters containing heterocyclic rings not 		materials containing macromolecular substances
	representing cyclic esters of phosphoric or		C08J 5/06) [2]
E (ED	phosphorous acids [5]	9/02	 Ingredients treated with inorganic substances [2]
	• • bound to oxygen and to carbon only [2, 5]	9/04	 Ingredients treated with organic substances [2]
5/5313 •	• • • Phosphinic compounds, e.g.	9/06	 with silicon-containing compounds [2]
5/5217 •	R ₂ =P(:O)OR' [5] • • • Phosphonic compounds, e.g. R—P(:O)	9/08	• Ingredients agglomerated by treatment with a binding
3/331/ •	(OR') ₂ [5]		agent [2]
5/5333 •	• • • • Esters of phosphonic acids [5]	9/10	 Encapsulated ingredients [2]
	• • • • containing also halogens [5]	9/12	 Adsorbed ingredients [2]
	• • • • containing also nitrogen [5]	11/00	Use of ingredients of unknown constitution, e.g.
	• • • • cyclic [5]	11/00	undefined reaction products [2]
	• • • • containing heterocyclic rings not		undermed reaction products [2]
0,00.0	representing cyclic esters of	13/00	Use of mixtures of ingredients not covered by any
	phosphonic acids [5]		single one of main groups C08K 3/00-C08K 11/00,
5/5377 •	• • • Phosphinous compounds, e.g. R ₂ =P—		each of these compounds being essential [4]
	OR' [5]	13/02	Organic and inorganic ingredients [4]
5/5393 •	• • • Phosphonous compounds, e.g. R—	13/04	• Ingredients characterised by their shape and organic
	P(OR') ₂ [5]	12/00	or inorganic ingredients [4]
	• • • Phosphine oxides [5]	13/06	 Pretreated ingredients and ingredients covered by the main groups C08K 3/00-C08K 7/00 [4]
	Phosphorus bound to sulfur [5] Phosphorus bound to sulfur [5]	13/08	Ingredients of unknown constitution and ingredients
	Phosphorus bound to nitrogen [5] Silian partialing company de [2]	13/00	covered by the main groups C08K 3/00-
	Silicon-containing compounds [2]		C08K 9/00 [4]
5/541 •	containing oxygen [7]		

COMPOSITIONS OF MACROMOLECULAR COMPOUNDS (pesticides, herbicides A01N; pharmaceuticals, cosmetics A61K; explosives C06B; compositions based on polymerisable monomers C08F, C08G; paints, inks, varnishes, dyes, polishes, adhesives C09; lubricants C10M; detergents C11D; 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:
 - a. natural or conjugated diene rubbers;
 - b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, <u>see</u> the group provided for compositions of such macromolecular compounds).
- 2. In this subclass:
 - a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents;
 - b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion; if all these constituents are present in equal proportions the composition is classified according to each of these constituents.
- 3. Any macromolecular constituent of a composition which is not identified by the classification according to Note (2) above, and the use of which is determined to be novel and non-obvious, must also be classified in this subclass. For example, a composition containing 80 parts polyethene and 20 parts polyvinyl chloride is classified in both groups C08L 23/06 and C08L 27/06, if the use of polyvinyl chloride is determined to be novel and non-obvious.
- 4. Any macromolecular constituent of a composition which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".

Subclass index

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

Compositions of polysaccharides or of their derivatives [2]

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

- 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 Esters of both organic acids and inorganic acids [2]
- 1/22 • Cellulose xanthate **[2]**
- 1/24 • Viscose [2]
- 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]

- Starch; Degradation products thereof, e.g. dextrin [2]
- 3/04 Starch derivatives [2]
- 3/06 • Esters [2]
- 3/08 • Ethers [2]

- 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 [2]
- 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]
- Chitin; Chondroitin sulfate; Hyaluronic acid;
 Derivatives thereof [2]
- 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] 	23/28	• • by reaction with halogens or halogen-containing
9/04	• • Latex [2]		compounds (C08L 23/32 takes precedence) [2]
9/06	 Copolymers with styrene [2] 	23/30	• • by oxidation [2]
9/08	• • Latex [2]	23/32	• • by reaction with phosphorus- or sulfur-containing
9/10	 Latex (C08L 9/04, C08L 9/08 take precedence) [2] 	22/24	compounds [2]
11/00	Compositions of homopolymers or copolymers of chloroprene [2]	23/34 23/36	 • by chlorosulfonation [2] • by reaction with nitrogen-containing compounds,
11/02	• Latex [2]		e.g. by nitration [2]
		25/00	Compositions of homopolymers or copolymers of
13/00	Compositions of rubbers containing carboxyl		compounds having one or more unsaturated
42/02	groups [2]		aliphatic radicals, each having only one carbon-to- carbon double bond, and at least one being
13/02	• Latex [2]		terminated by an aromatic carbocyclic ring;
15/00	Compositions of rubber derivatives (C08L 11/00,		Compositions of derivatives of such polymers [2]
	C08L 13/00 take precedence) [4]	25/02	 Homopolymers or copolymers of hydrocarbons [2]
15/02	 Rubber derivatives containing halogen [2] 	25/04	 Homopolymers or copolymers of styrene [2]
17/00	Compositions of reclaimed rubber [2]	25/06	• • • Polystyrene [2]
17/00	Compositions of reclaimed rubber [2]	25/08	• • Copolymers of styrene (C08L 29/08,
19/00	Compositions of rubbers not provided for in groups	25/10	C08L 35/06, C08L 55/02 take precedence) [2]
	C08L 7/00-C08L 17/00 [2]	25/10 25/12	• • • • with conjugated dienes [2]
19/02	• Latex [2]	25/12 25/14	• • with unsaturated nitriles [2]• • with unsaturated esters [2]
21/00	Compositions of unspecified rubbers [2]	25/14	Homopolymers or copolymers of alkyl-substituted
21/00	• Latex [2]	23/10	styrenes [2]
21/02	Luten [2]	25/18	 Homopolymers or copolymers of aromatic monomer
			containing elements other than carbon and
	tions of macromolecular compounds obtained by		hydrogen [2]
reactions bonds [2]	s involving only carbon-to-carbon unsaturated 1	27/00	Compositions of homopolymers or copolymers of
DOMES [E		27,00	compounds having one or more unsaturated
	Note(s)		aliphatic radicals, each having only one carbon-to-
	1. In groups C08L 23/00-C08L 49/00, "aliphatic		carbon double bond, and at least one being
	radical" means an acyclic or a non-aromatic		terminated by a halogen; Compositions of derivatives of such polymers [2]
	carbocyclic carbon skeleton which is considered to be terminated by every bond to:	27/02	• not modified by chemical after-treatment [2]
	a. an element other than carbon;	27/02	containing chlorine atoms [2]
	b. a carbon atom having a doublebond to one	27/06	• • • Homopolymers or copolymers of vinyl
	atom other thancarbon;	27700	chloride [2]
	c. an aromatic carbocyclic ring or	27/08	• • • Homopolymers or copolymers of vinylidene
	aheterocyclic ring. 2. In groups C08L 23/00-C08L 49/00, in the absence		chloride [2]
	of an indication to the contrary, a copolymer is	27/10	 containing bromine or iodine atoms [2]
	classified according to the major monomeric	27/12	 containing fluorine atoms [2]
	component.	27/14	 • Homopolymers or copolymers of vinyl fluoride [2]
23/00	Compositions of homopolymers or copolymers of	27/16	• • Homopolymers or copolymers of vinylidene
	unsaturated aliphatic hydrocarbons having only one	a= / 4 a	fluoride [2]
	carbon-to-carbon double bond; Compositions of derivatives of such polymers [2]	27/18	 Homopolymers or copolymers of tetrafluoroethene [2]
23/02	• not modified by chemical after-treatment [2]	27/20	• • • Homopolymers or copolymers of
23/04	Homopolymers or copolymers of ethene [2]	27720	hexafluoropropene [2]
23/06	• • • Polyethene [2]	27/22	modified by chemical after-treatment [2]
23/08	• • Copolymers of ethene (C08L 23/16 takes	27/24	• • halogenated [2]
	precedence) [2]	00/00	
23/10	 Homopolymers or copolymers of propene [2] 	29/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated
23/12	• • • Polypropene [2]		aliphatic radicals, each having only one carbon-to-
23/14	• • • Copolymers of propene (C08L 23/16 takes precedence) [2]		carbon double bond, and at least one being terminated by an alcohol, ether, aldehydo, ketonic,
23/16	• Ethene-propene or ethene-propene-diene copolymers [2]		acetal, or ketal radical; Compositions of hydrolysed polymers of esters of unsaturated alcohols with
23/18	 Homopolymers or copolymers of hydrocarbons having four or more carbon atoms [2] 		saturated carboxylic acids; Compositions of derivatives of such polymers [2]
23/20	• • having four to nine carbon atoms [2]	29/02	 Homopolymers or copolymers of unsaturated
23/22	• • • Copolymers of isobutene; Butyl rubber [2]		alcohols (C08L 29/14 takes precedence) [2]
23/24	 having ten or more carbon atoms [2] 		

23/26 • modified by chemical after-treatment [2]

29/04	 Polyvinyl alcohol; Partially hydrolysed homopolymers or copolymers of esters of unsaturated alcohols with saturated carboxylic acids [2] 	35/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being
29/06	Copolymers of allyl alcohol [2]		terminated by a carboxyl radical, and containing at
			least one other carboxyl radical in the molecule, or of
29/08	• • • with vinyl aromatic monomers [2]		salts, anhydrides, esters, amides, imides or nitriles
29/10	 Homopolymers or copolymers of unsaturated ethers (C08L 35/08 takes precedence) [2] 		thereof; Compositions of derivatives of such polymers [2]
29/12	 Homopolymers or copolymers of unsaturated ketones [2] 	35/02	• Homopolymers or copolymers of esters (C08L 35/06,
29/14	 Homopolymers or copolymers of acetals or ketals obtained by polymerisation of unsaturated acetals or 	35/04	• Homopolymers or copolymers of nitriles
	ketals or by after-treatment of polymers of	DE (06	(C08L 35/06, C08L 35/08 take precedence) [2]
	unsaturated alcohols [2]	35/06	Copolymers with vinyl aromatic monomers [2]
		35/08	 Copolymers with vinyl ethers [2]
31/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by an acyloxy radical of a saturated carboxylic acid, of carbonic acid, or of a haloformic acid (of hydrolysed polymers C08L 29/00);	37/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and at least one being terminated by a heterocyclic ring containing oxygen (of cyclic esters of polyfunctional acids CO8L 31/00; of
	Compositions of derivatives of such polymers [2]		cyclic anhydrides of unsaturated acids C08L 35/00);
31/02	 Homopolymers or copolymers of esters of monocarboxylic acids [2] 	20./00	Compositions of derivatives of such polymers [2]
31/04	 Homopolymers or copolymers of vinyl acetate [2] 	39/00	Compositions of homopolymers or copolymers of
31/06	Homopolymers or copolymers of esters of		compounds having one or more unsaturated
	polycarboxylic acids [2]		aliphatic radicals, each having only one carbon-to- carbon double bond, and at least one being
31/08	of phthalic acid [2]		terminated by a single or double bond to nitrogen or by a heterocyclic ring containing nitrogen;
33/00	Compositions of homopolymers or copolymers of		Compositions of derivatives of such polymers [2]
	compounds having one or more unsaturated	20 /02	
	aliphatic radicals, each having only one carbon-to-	39/02	Homopolymers or copolymers of vinylamine [2]
	carbon double bond, and only one being terminated by only one carboxyl radical, or of salts, anhydrides,	39/04	 Homopolymers or copolymers of monomers containing heterocyclic rings having nitrogen as ring member [2]
	esters, amides, imides, or nitriles thereof;	39/06	Homopolymers or copolymers of N-vinyl-
22/02	Compositions of derivatives of such polymers [2]		pyrrolidones [2]
33/02	 Homopolymers or copolymers of acids; Metal or ammonium salts thereof [2] 	39/08	Homopolymers or copolymers of vinyl- pyridine [2]
33/04	 Homopolymers or copolymers of esters [2] 		pyriume [2]
33/06	of esters containing only carbon, hydrogen, and oxygen, the oxygen atom being present only as	41/00	Compositions of homopolymers or copolymers of compounds having one or more unsaturated
22/00	part of the carboxyl radical [2]		aliphatic radicals, each having only one carbon-to-
33/08	 • Homopolymers or copolymers of acrylic acid esters [2] 		carbon double bond, and at least one being terminated by a bond to sulfur or by a heterocyclic
33/10	• • • Homopolymers or copolymers of methacrylic acid esters [2]		ring containing sulfur; Compositions of derivatives of such polymers [2]
33/12	• • • • Homopolymers or copolymers of methyl methacrylate [2]	43/00	Compositions of homopolymers or copolymers of
33/14	 of esters containing halogen, nitrogen, sulfur, or oxygen atoms in addition to the carboxy oxygen [2] 		compounds having one or more unsaturated aliphatic radicals, each having only one carbon-to-carbon double bond, and containing boron, silicon,
33/16	• • • Homopolymers or copolymers of esters		phosphorus, selenium, tellurium, or a metal; Compositions of derivatives of such polymers [2]
33/18	containing halogen atoms [2] • Homopolymers or copolymers of nitriles [2]	43/02	Homopolymers or copolymers of monomers
			containing phosphorus [2]
33/20	• • Homopolymers or copolymers of acrylonitrile (C08L 55/02 takes precedence) [2]	43/04	Homopolymers or copolymers of monomers containing silicon [2]
33/22	Homopolymers or copolymers of nitriles		0 r-1
33/24	containing four or more carbon atoms [2]Homopolymers or copolymers of amides or	45/00	Compositions of homopolymers or copolymers of compounds having no unsaturated aliphatic radicals
	imides [2]		in a side chain, and having one or more carbon-to-
33/26	Homopolymers or copolymers of acrylamide or methacrylamide [2]		carbon double bonds in a carbocyclic or in a heterocyclic ring system; Compositions of derivatives of such polymers (of cyclic esters of polyfunctional acids C08L 31/00; of cyclic anhydrides or imides
			C08L 35/00) [2]

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 carbon- to-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 53/02	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] • of vinyl aromatic monomers and conjugated dienes [2]
	 one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated
53/02	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] Compositions of homopolymers or copolymers, obtained by polymerisation reactions only involving carbon-to-carbon unsaturated bonds, not provided
53/02 55/00	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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]
53/02 55/00 55/02	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2]
53/02 55/00 55/02 55/04	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2] Polyadducts obtained by the diene synthesis [2] Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon
53/02 55/00 55/02 55/04 57/00 57/02 57/04	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2] Polyadducts obtained by the diene synthesis [2] Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds [2] Copolymers of mineral oil hydrocarbons [2] Copolymers in which only the monomer in minority is defined [2]
53/02 55/00 55/02 55/04 57/00 57/02 57/04 57/06	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2] Polyadducts obtained by the diene synthesis [2] Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds [2] Copolymers of mineral oil hydrocarbons [2] Copolymers in which only the monomer in minority is defined [2] Homopolymers or copolymers containing elements other than carbon and hydrogen [2]
53/02 55/00 55/02 55/04 57/00 57/02 57/04 57/06 57/08	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2] Polyadducts obtained by the diene synthesis [2] Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds [2] Copolymers of mineral oil hydrocarbons [2] Copolymers in which only the monomer in minority is defined [2] Homopolymers or copolymers containing elements other than carbon and hydrogen [2]
53/02 55/00 55/02 55/04 57/00 57/02 57/04 57/06	one sequence of a polymer obtained by reactions only involving carbon-to-carbon unsaturated bonds; Compositions of derivatives of such polymers [2] of vinyl aromatic monomers and conjugated dienes [2] 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] ABS [Acrylonitrile-Butadiene-Styrene] polymers [2] Polyadducts obtained by the diene synthesis [2] Compositions of unspecified polymers obtained by reactions only involving carbon-to-carbon unsaturated bonds [2] Copolymers of mineral oil hydrocarbons [2] Copolymers in which only the monomer in minority is defined [2] Homopolymers or copolymers containing elements other than carbon and hydrogen [2]

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

59/00	Compositions of polyacetals; Compositions of derivatives of polyacetals (of polyvinyl acetals C08L 29/14) [2]
59/02	• Polyacetals containing polyoxymethylene sequences only [2]
59/04	Copolyoxymethylenes [3]
61/00	Compositions of condensation polymers of aldehydes

or ketones (with polyalcohols C08L 59/00; with polynitriles C08L 77/00); Compositions of derivatives of such polymers [2]

	C08I
61/02	 Condensation polymers of aldehydes or ketones only [2]
61/04	 Condensation polymers of aldehydes or ketones with phenols only [2]
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	 Condensation polymers of aldehydes or ketones with aromatic hydrocarbons or their halogen derivatives only [2]
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	of aldehydes with acyclic or carbocyclic compounds [2]
61/24	• • with urea or thiourea [2]
61/26	 of aldehydes with heterocyclic compounds [2]
61/28	• • • with melamine [2]
61/30	of aldehydes with heterocyclic and acyclic or carbocyclic compounds [2]
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 [2]
63/00	Compositions of epoxy resins; Compositions of derivatives of epoxy resins [2]
63/02	 Polyglycidyl ethers of bis-phenols [2]
63/04	Epoxynovolacs [2]
63/06	 Triglycidylisocyanurates [2]
C2 /00	P (1) 1

	<u> </u>
63/02	 Polyglycidyl ethers of bis-phenols [2]
63/04	• Epoxynovolacs [2]
63/06	• Triglycidylisocyanurates [2]
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] • Polyxylylenes [2] 65/04

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]

the dicarboxylic acids and dihydroxy compounds 67/03 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] 	79/00	Compositions of macromolecular compounds obtained by reactions forming in the main chain of
67/08	 Polyesters modified with higher fatty oils or their acids, or with natural resins or resin acids [2] 		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]
69/00	Compositions of polycarbonates; Compositions of	79/02	• Polyamines [2]
557.55	derivatives of polycarbonates [2]	79/04	 Polycondensates having nitrogen-containing heterocyclic rings in the main chain; Polyhydrazides;
71/00	Compositions of polyethers obtained by reactions		Polyamide acids or similar polyimide precursors [2]
	forming an ether link in the main chain (of	79/06	 Polyhydrazides; Polytriazoles; Polyamino-
	polyacetals C08L 59/00; of epoxy resins C08L 63/00; of		triazoles; Polyoxadiazoles [2]
	polythioether-ethers C08L 81/02; of polyethersulfones C08L 81/06); Compositions of derivatives of such	79/08	 Polyimides; Polyester-imides; Polyamide-imides;
	polymers [2]		Polyamide acids or similar polyimide
71/02	• Polyalkylene oxides [2]		precursors [2]
71/03	Polyepihalohydrins [5]	81/00	Compositions of magramologular compounds
71/08	 Polyethers derived from hydroxy compounds or from 	01/00	Compositions of macromolecular compounds obtained by reactions forming in the main chain of
,	their metallic derivatives (C08L 71/02 takes		the macromolecule a linkage containing sulfur with
	precedence) [5]		or without nitrogen, oxygen, or carbon only;
71/10	• • from phenols [5]		Compositions of polysulfones; Compositions of
71/12	 Polyphenylene oxides [5] 		derivatives of such polymers [2]
71/14	 Furfuryl alcohol polymers [5] 	81/02	 Polythioethers; Polythioether-ethers [2]
5 0 /00		81/04	 Polysulfides [2]
73/00	Compositions of macromolecular compounds obtained by reactions forming a linkage containing	81/06	 Polysulfones; Polyethersulfones [2]
	oxygen or oxygen and carbon in the main chain, not	81/08	• Polysulfonates [2]
	provided for in groups C08L 59/00-C08L 71/00;	81/10	 Polysulfonamides; Polysulfonimides [2]
	Compositions of derivatives of such polymers [2]	83/00	Compositions of macromolecular compounds
73/02	 Polyanhydrides [2] 		obtained by reactions forming in the main chain of
75/00	Compositions of polyurous or polyurothonoss		the macromolecule a linkage containing silicon with
73/00	Compositions of polyureas or polyurethanes; Compositions of derivatives of such polymers [2]		or without sulfur, nitrogen, oxygen, or carbon only;
75/02	• Polyureas [2]	02/02	Compositions of derivatives of such polymers [2]
75/04	• Polyurethanes [2]	83/02	• Polysilicates [2]
75/06	• • from polyesters [2]	83/04	Polysiloxanes [2] A containing cilican bound to budragen [4]
75/08	• • from polyethers [2]	83/05 83/06	containing silicon bound to hydrogen [4]containing silicon bound to oxygen-containing
75/10	• • from polyacetals [2]	03/00	groups (C08L 83/12 takes precedence) [2]
75/12	 from compounds containing nitrogen and active 	83/07	 containing silicon bound to unsaturated aliphatic
	hydrogen, the nitrogen atom not being part of an		groups [4]
	isocyanate group [2]	83/08	 containing silicon bound to organic groups
75/14	Polyurethanes having carbon-to-carbon		containing atoms other than carbon, hydrogen, and
75 /16	unsaturated bonds [5]		oxygen [2]
75/16	having terminal carbon-to-carbon unsaturated bonds [5]	83/10	Block- or graft-copolymers containing polysiloxane
	bontas [b]		sequences (obtained by polymerising a compound having a carbon-to-carbon double bond on to a
77/00	Compositions of polyamides obtained by reactions		polysiloxane C08L 51/08, C08L 53/00) [2]
	forming a carboxylic amide link in the main chain	83/12	 containing polyether sequences [2]
	(of polyhydrazides C08L 79/06; of polyamide-imides or	83/14	• in which at least two but not all the silicon atoms are
	polyamide acids C08L 79/08); Compositions of derivatives of such polymers [2]		connected by linkages other than oxygen atoms
77/02	Polyamides derived from omega-amino carboxylic		(C08L 83/10 takes precedence) [2]
77702	acids or from lactams thereof (C08L 77/10 takes	83/16	 in which all the silicon atoms are connected by
	precedence) [2]		linkages other than oxygen atoms [2]
77/04	Polyamides derived from alpha-amino carboxylic	85/00	Compositions of macromolecular compounds
	acids (C08L 77/10 takes precedence) [2]	05/00	obtained by reactions forming in the main chain of
77/06	 Polyamides derived from polyamines and 		the macromolecule a linkage containing atoms other
	polycarboxylic acids (C08L 77/10 takes		than silicon, sulfur, nitrogen, oxygen, and carbon;
77 /00	precedence) [2]		Compositions of derivatives of such polymers [2]
77/08	 from polyamines and polymerised unsaturated fatty acids [2] 	85/02	• containing phosphorus [2]
77/10	Polyamides derived from aromatically bound amino	85/04	 containing boron [2]
,10	and carboxyl groups of amino carboxylic acids or of	87/00	Compositions of unspecified macromolecular
	polyamines and polycarboxylic acids [2]	- /	compounds, obtained otherwise than by
77/12	 Polyester-amides [2] 		polymerisation reactions only involving unsaturated carbon-to-carbon bonds [2]

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

89/00 Compositions of proteins; Compositions of derivatives thereof (foodstuff preparations A23J 3/00) [2]

89/02 • Casein-aldehyde condensates [2]

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

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

91/00 Compositions of oils, fats or waxes; Compositions of derivatives thereof (polishing compositions, ski waxes C09G; soaps, detergent compositions C11D) [2]

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

91/04 • Linoxyn [2]

91/06 • Waxes [2]

91/08 • • Mineral waxes [2]

93/00 Compositions of natural resins; Compositions of derivatives thereof (of polysaccharides C08L 1/00-C08L 5/00; of natural rubber C08L 7/00; polishing compositions C09G) [2]

93/02 • Shellac (French polish C09F) [2]

93/04 • Rosin [2]

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

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

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 (liquid crystal materials or compositions C09K 19/00) [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]