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92 93	Carbon-metal bondGroup VIII transition metal (Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt)	110	With non-transition elemental metal, hydride thereof, or carbon to non transition metal atom bond
94	With organo-sulfur compound or organic-transition metal compound containing sulfur atom	111 112	With non-metal P, S, O, or N containing materialWith transition metal compound
95	Material contains transition metal oxide (other than peroxide)	113	Two or more diverse transition metal atoms in distinct compounds or in the
96	Contains elemental transition metal or a non- oxide compound of a transition metal	114	<pre>same compoundContains non-transition elemental metal, hydride thereof, or carbon to non</pre>
97	Contains non-transition elemental metal, hydride thereof, or carbon to non-transition metal atom bond	115	transition metal atom bondContains Group VIII metal atom (Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt)
98	Contains non-metallic halogen-containing material	116	At least one Group IVB metal atom (Ti, Zr, Hf) and at
99	Contains compound containing aluminum to halogen bond and wherein the same aluminum atom is not bonded to a hydrogen or carbon atom	117	least one Group VB meta 1 (V, Nb, Ta)Contains Group VIII metal atom (Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt)
100	Contains non-metal organic N, O, S or P containing compound	118	Material contains two or more different compounds of same transition metal
101	Two or more transition metal oxides, at least two of said oxides being other than oxides of Ti, Zr, Hf, or Th	119	Contains non-transition elemental metal, hydride thereof, or carbon to non-transition metal atom bond
102	Contains non-transition heavy metal or compound thereof	120	Material contains compound of non-transition heavy metal wherein non-transition heavy
103	Group VIII metal oxide (Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt)		metal is not bonded to hydrogen or carbon
104	Group VIB metal oxide (Cr, Mo, W)	121	Contains non-transition elemental metal, hydride
105	<pre>Contains non-transition elemental metal, hydride thereof, or nontransition metal to carbon atom bond</pre>	122	thereof, or carbon to non- transition metal atom bond Nontransition heavy metal compound is halogen-containing
106	Metal oxide is of chromium	123.1	Material contains compound of
107	Group IVB metal oxide (Ti, Zr, Hf)		Group IA (Li, Na, K, Rb, Cs, Fr) or Group IIA (Be, Mg, Ca, Sr, Ba, Ra) metal wherein IA
108	Contains one or more elemental transition metal atoms		or IIA metal is not bonded to hydrogen or to carbon
109	With peroxy compound (-0-0-)	124.1	Contains nontransition elemental metal, hydride thereof, or carbon to non- transition metal atom bond

124.2	Contains a magnesium compound as the Group IIA	126	Material contains silicon atom
124.3	<pre>metal compoundContains at least one additional specified material</pre>	127	Contains non-transition free metal, hydride thereof, or carbon to non-transition metal
124.4	Contains two or more magnesium compounds having no	128	atom bondSilicon present in organic
	H to magnesium or C to magnesium bonds or at least	129	non-metal compoundSilicon present in
	one additional said Group IA or IIA compound	123	inorganic oxygen-containing compound
124.5	Contains Si or Al inorganic oxygen-containing compound	130	Silicon present in inorganic oxygen-containing compound
124.6		131 132	Material contains boron atom
	metal containing B, Si, N, P, or chalcogen material	132	Contains non-transition elemental metal, hydride thereof, or carbon to non
124.7	Contains at least two	100	transition metal atom bond
	non-transition elemental metals, hydrides thereof, or	133	Boron compound is halogen- containing
	compounds containing carbon to non-transition metal atom	134	Boron compound contains
	bond, or mixtures thereof		boron bonded to hydrogen or to carbon atom
124.8	<pre></pre>	135	With non-metal N, P, O, S, Se, Te, or halogen material other than nitrogen gas
124.9	Contains organic non-	136	Contains non-transition
125.1	metal containing B, Si, N, P, or chalcogen material		elemental metal, hydride thereof, or carbon to non
123.1	Contains organic Al compound containing no H to	1 2 7	transition metal atom bond
	aluminum or C to aluminum bonds	137	<pre>Non-metal material is inorganic halogen-containing material</pre>
125.2	Contains compound	138	Non-metal material is
	containing only C, H and halogen atoms or only C and		<pre>inorganic oxygen-containing material</pre>
405.0	halogen atoms	139	Non-metal material is
125.3			organic phosphorus-containing compound
125.4	material	140	Non-metal material is
123.4			organic sulfur-containing compound
125.5	to metal bondsAt least one of said inorganic materials is an Al	141	<pre>Non-metal material is organic nitrogen-containing compound</pre>
	halide	142	Non-metal material is
125.6	Contains at least two organic non-metal containing		organic oxygen-containing compound
125.7	N, P, or chalcogen materialsContains compound	143	Non-metal organic oxygen
,	containing only C, H and	144	compound is halogen-containingNon-metal material is
	halogen atoms or only C and halogen atoms	T-3-2	organic halogen-containing compound
125.8	Contains at least one	145	Non-metal phosphorus-
	inorganic material having no H to metal bonds		containing material

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146	Non-metal sulfur-containing material	162	Non-transition metal is bonded to carbon atom in
147	Non-metal nitrogen- containing material		compound which contains ethylenic unsaturation
148	Contains two or more diverse non-transition elemental metals, different non-transition hydride compounds,	163	Non-transition metal hydride or carbon to non-transition metal metal atom bond compound contains P, S, or N atom
	different carbon to non transition metal compounds, or mixture thereof	164	Transition metal is IB, IIIB, VIIB or atomic number 58-71, 88, 90 or higher
149	<pre>At least one atom of As, Sb, or Bi, in elemental form or bonded to hydrogen or carbon atom</pre>	165	Non-transition metal to carbon atom bond compound contains at least two atoms of same or different non-
150	At least one atom of Ge, Sn, or Pb in elemental form or bonded to hydrogen or carbon	166	transition metalGroup IVA (Ge, Sn, Pb) or Group VA (As, Sb, Bi) metal is
151	atomAt least one atom of Group		bonded to hydrogen or carbon atom
	IIIA metal (Al, Ga, In, Tl) in elemental form or bonded to	167	Elemental non-transition metal atom
	hydrogen or carbon atom	168	Elemental carbon
152	At least one atom of Group IA metal (Li, Na, K, Rb, Cs,	169	Transition metal is Group VB, VIB or VIII metal
	Fr) in elemental form or bonded to hydrogen or carbon	169.1	Transition metal is Group VIII
153	atomTwo or more Group IIIA	169.2	Transition metal is vanadium
	metals in elemental form or bonded to hydrogen or carbon	169.3	At least one monomer is nonhydrocarbon material
154	atomMaterial contains aluminum	170	Transition metal bonded to carbon atom
	compound wherein aluminum atom is not bonded to hydrogen or carbon atom	171	Transition metal is Group VIII (Fe, Co, Ni, Ru, Ph, Pd, Os, Ir, Pt)
155	Contains non-transition elemental metal, hydride thereof or carbon to non	172	Transition metal compound has at least one atom of P, S, N or O therein
156	transition metal atom bondInorganic oxygen containing aluminum compound	173	Material contains elemental alkali metal, hydride thereof,
157	Aluminum trihalide		or alkali metal to carbon atom
158	With Group IVB transition metal compound (Ti, Zr, Hf)	174	bond (Li, Na, K, Rb, Cs, Fr)Contains at least two diverse alkali metal atoms, at least
159	Material contains non- transition elemental metal, hydride thereof, or carbon to non-transition metal atom bond		one of which is in the form of a free alkali metal, or in the form of a hydride, or has an alkali metal to carbon atom
160	Transition metal bonded to carbon atom		bond
161	Transition metal compound contains P, S, or N atom		

175	Contains two or more separate chemical entities containing atoms of the same alkali	200	Material contains carbohydrate, e.g., starch, sugar, etc.
	metal, with at least one atom in elemental form, or in the form of a hydride, or has an alkali metal to carbon atom bond	201	Material contains previously formed normally solid polymer which is distinct from polymer to be formed and is a polymer formed from at least one
176	Contains heavy metal atom		ethylenic monomer
177	Contains aluminum atom	202	Normally solid polymer
178	Contains boron or silicon atom		contains free alcohol group or alcoholate thereof
179	Contains phosphorus atom	203	Normally solid polymer is
180	Contains compound of nitrogen		formed from ethylenically
181	Contains oxygen atom		unsaturated dicarboxylic acid,
182	Contains halogen atom		ester, salt, or anhydride
183	Material contains metal atom		thereof
103	bonded to a carbon atom	204	Material contains heterocyclic
184			compound
104	With free oxygen or peroxy	205	Sulfur and nitrogen together
105	compound (-0-0-)	203	in a single ring
185	Metal bonded to carbon is	206	Material contains halogenated
106	aluminum	200	hydrocarbon wherein at least
186	Contains aluminum not bonded		one halogen atom is other than
	to carbon		chlorine, and mixtures of
187	Contains Group IA or IIA		water and a halogenated
	atom		hydrocarbon one ethylenic
188	Contains heavy metal atom		monomer
189	\ldots .Contains P, N, S, or O atom	207	Material contains water and a
190	Metal bonded to carbon atom	207	hydrocarbon
	is a heavy metal atom	208	Material contains aldehyde or
191	Material contains elemental	200	
	metal		ketone or polymeric reaction
192	Material contains a heavy		<pre>product thereof, e.g., urea- formaldehyde, etc.</pre>
	metal atom containing organic	209	Material contains ether
	compound		
193	Material contains organic	210	Material contains alcohol or
	compound having a phosphorus	0.1.1	alcoholate
	atom	211	Alcohol or alcoholate has at
194	Material contains Si, Te, Se,		least one atom of nitrogen or
	or Group VIIIA atom, e.g., He,		sulfur chemically combined
	Ne, etc.	010	therewith
195	Material contains boron	212	Alcohol contains a single
	compound other than boron		hydroxy group or is alcoholate
	trihalide or non-metal organic		thereof
	complex of boron trihalide	213	Material contains carboxylic
196	Boron bonded to hydrogen or		acid, salt, ester, or
	carbon atom compound		anhydride thereof
197	With free oxygen or peroxy	214	Derived from carboxylic acid
	compound		containing at least one atom
198	Contains P, S, or N atom		of halogen or sulfur
230	other than as elemental	215	Derived from carboxylic acid
	nitrogen		containing at least one atom
199	Material contains polypeptide,		of nitrogen
	e.g., protein, gelatin, etc.	216	Derived from aliphatic acid
	5., F-11, Boldolm, 500.	217	Material contains organic
			nitrogen compound

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218.1	Organic compound contains N=N or N-N group	229.5	Nitrogen- or halogen- containing inorganic -0-0-
219	Organic N-N or N=N containing compound also contains at least one S or O chemically bound thereinOrganic N=N or N-N group		compound free of sulfur, or wherein an -0-0- compound is in admixture with a compound devoid of sulfur and containing a N, halogen or P
213.1	containing compound contains carbocyclic group or element	230	atom Hydroperoxide
219.2	other than C,H, or NN=N or N-N group-containing compound is a catalyst admixed with at least one other	230.5 231	<pre>Peroxy carbonatePeroxide contains halogen atom chemically combined therein</pre>
	<pre>catalyst, co-catalyst, or accelerator, e.g., redox catalyst, etc.</pre>	232	Peroxide contains an aryl group
219.3	Contains specified ingredient other than the N=N	232.3	Benzoyl peroxideTwo or more peroxy groups in same compound
	or N-N group containing compound, or water, or defined hydrocarbon or defined	232.5	<pre>Cycloaliphatic or ethylenically unsaturated peroxy-containing compound</pre>
219.4	halogenated hydrocarbonIngredient contains halogenated hydrocarbon	233	Material contains elemental phosphorus or inorganic phosphorus compound
219.5	<pre>Ingredient contains water, e.g., an emulsion, dispersion, etc.</pre>	234	Material contains sulfur or inorganic sulfur compound
219.6	Azobisisobutyronitrile	235	Material contains free oxygen, air, or ozone
220	(AIBN)Organic nitrogen compound	236	Material contains nitrogen compound
221	contains at least one S or O atom chemically bound therein Material contains inorganic	237	Material contains metal halide, boron halide or organic complexes thereof,
222	heavy metal compoundMaterial contains organic		hydrogen halide, elemental halogen, or compound
223	sulfur compoundOrganic sulfur compound	238	containing only halogen atomsAt least one monomer is
224	contains -S-S- or -O-O-groupMercaptan	238.1	nonhydrocarbon material
225	Organic compound contains hexavalent S atom, e.g.,	230.1	From protein or biologically active polypeptide containing monomer
226	organosulfate, sulfonate, etcMaterial contains aluminum	238.2	From carbohydrate, tannin, or derivative containing monomer
220	compound other than aluminum trihalide or nonmetallic	238.21	Cellulose or derivative containing monomer
	organic complex of aluminum trihalide	238.22	Starch or derivative containing monomer, e.g.,
227	Material contains peroxy group compound (-0-0-)	238.23	starch-acrylamide, etcMono- or di-saccharide
228	Two or more peroxide compounds		<pre>containing monomer, e.g., allyl sucrose, etc.</pre>
229	Inorganic peroxide, e.g., persulfate, hydrogen peroxide,	238.3	From natural resin or derivative containing monomer
	etc.	239 240	From boron containing monomerFrom metal containing monomer

241 242	Transition metal containingFrom fluorine containing	267	Polymer contains coumarone and indene
212	monomer	268	From cyclic ether which is
243	Fluorine-containing monomer contains a sulfur atom		bridged or fused to a ring system
244	Fluorine-containing monomer is a ketone or aldehyde	269	Hetero-oxygen ring compound contains a carbonate group,
245	Fluorine containing monomer is a mono-carboxylic acid ester	270	i.e., -O-C(=0)-O as ring atoms5-membered heterocyclic ring
246	Alcohol derived portion of ester contains ether group		compound contains at least one oxygen atom
247	Fluorine containing monomer is	271	Acid anhydride
248	an etherFluorine containing monomer	272	Interpolymerized with hydrocarbon monomer
240	<u> </u>	273	3-membered heterocyclic ring
249	contains nitrogen atomFluorine containing monomer	213	contains at least one oxygen atom
	contains at least one diverse	274	
250	halogen atomFluorine containing monomer	2/4	From monomer containing a phosphorus atom
250	contains F, C and H only or F	275	Phosphorus is part of a ring
	and C only	276	Phosphorus is bonded to a
251	Aromatic		nitrogen atom
252	Fluorine compound contains	277	Phosphorus atom is pentavalent
	two or more ethylenic groups	278	Pentavalent phosphorus is
253	Five or more fluorine atoms		bonded to at least one atom of
254	Contains only carbon and		carbon
	fluorine atoms	279	From monomer containing a silicon atom
255	Two or more fluorine atoms,	280	From fused or bridged ring
	<pre>e.g., vinylidene fluoride, etc.</pre>	200	containing monomer
256	From monomer containing sulfur	281	Bridged monomer
200	atom as part of a heterocyclic	282	Contains an exterior
	ring		ethylenic substituent bonded
257	Sulfur-containing ring contains additional hetero		to a single carbon atom of the bridged ring system
	atom, i.e., N, O, Se, Te	283	Compound containing
258	From monomer containing	200	dicyclopentadiene moiety
250	nitrogen atom as part of a	284	Contains an exterior ethylenic
	heterocyclic ring		substituent bonded directly or
259	Nitrogen atom is part of a		indirectly to a single carbon
	bridged or fused ring system		atom of the fused ring system
260	5- or 6-membered nitrogen ring	285	From monomer containing an
	compound having at least one		acetylenic group
	oxygen in the ring	286	From S-containing monomer
261	Three or more nitrogen atoms	287	From monomer containing three
	in a single ring		or more oxygen atoms bonded to
262	Imide monomer		a single sulfur atom, e.g.,
263	Nitrogen of ring is bonded	0.00	sulfonate, etc.
	directly or indirectly to	288	From sulfur monomer containing
	extracyclic ethylenic moiety	202	nitrogen atom
264	Lactam monomer	289	From sulfide-containing
265	6-membered ring contains a		monomer
266	single nitrogen atom		
266	From monomer containing oxygen as part of a heterocyclic ring		

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200	Manager Francisco de la P	202	The same and the s
290	Monomer from unsaturated petroleum hydrocarbon	302	From monomer containing a >>N- C(=O)-N<< or >>N-C(-O)-N<<
	fraction; from unsaturated		group e.g., urea, isoureau,
	coal or bituminous material,		etc.
	extract, or derivative	303.1	From carboxylic acid amide-
	thereof; or from unsaturated	303.1	containing monomer
	fatty still residue	304	Contains oxygen atom other
291	From halogen containing monomer	301	than in amide form bonded to a
	having at least three carbon		carbon atom
	atoms	305	Cycloaliphatic or aromatic
292.1	Halogen monomer is carboxylic	306	Plural amide group containing
	acid ester	307	Non-amide nitrogen containing
292.2	Contains nitrogen	307.1	N- substituted unsaturated
292.3	Contains oxygen other than as		hydrocarbon group
	part of a carboxylic acid	307.2	With monomer containing
	ester group		carboxylic acid amide group
292.4	Contains two or more	307.3	With monomer containing
	carboxylic acid ester groups		nitrogen other than (meth)-
292.5	Contains carbocyclic ring,		acrylonitrile
	e.g., aryl, etc.	307.4	With monomer containing oxygen
292.6	Interpolymerized with a	307.5	Oxygen atom is part of ether
	monomer containing atom other		or hydroxyl group
	than carbon, hydrogen, or	307.6	Oxygen atom is part of
	halogen		carboxylic acid group
292.7	Interpolymerized	307.7	Oxygen atom is part of ester
292.8	Halogen monomer is nitrile		group derived from unsaturated
292.9	Halogen monomer contains an		carboxylic acid
000 05	ether group	307.8	With hydrocarbon monomer
292.95	Halogen monomer contains a	308	From cycloaliphatic monomer
	carboxylic acid, salt, or	309	Contains atoms other than
202	carboxylic acid amide		carbon and hydrogen
293	Aromatic	310	From nitrogen containing
294	Plural halogen atom		monomer other than
295	Plural ethylenic groups		acrylonitrile or
296	From bromine or iodine containing monomer,	0.1.1	methacrylonitrile
	dichloroethylene,	311	Nitrogen bonded to oxygen atom
	trichloroethylene or		(including nitrogen containing
	tetrachloroethylene	210	salts)
297	From nitrile group containing	312	Contains oxygen atom bonded to
25,	monomer other than	313	a carbon atomFrom phenol, phenol ether, or
	acrylonitrile or	313	inorganic phenolate monomer
	methacrylonitrile	314	From monomer containing a
298	Contains non-nitrile nitrogen	214	carbonate group, i.e., -0-
	atom or contains an oxygen		C(=0)-0-
	atom	315	From aldehyde monomer
299	Aromatic	316	From ketone or ketene monomer
300	Plural nitrile group-	317.1	From carboxylic acid monomer
	containing	318	Carboxylic acid contains ester
301	From monomer containing a $>N-$	3 ± 0	group
	C(=0)-0- group, e.g., carbamic	318.1	Carboxylic acid contains aryl
	acid, etc.		group, or two or more
			ethylenic groups
		318.2	Carboxylic acid contains two
			or more carboxyl groups

318.25	With hydrocarbon, vinyl chloride or vinylidene	329.3	Additional monomer is acrylonitrile or
	chloride monomer		methacrylonitrile
318.3	Carboxylic acid other than acrylic or methacrylic acid	329.4	Additional monomer is a halogen-containing monomer
318.4	With ester monomer	329.5	Additional monomer is an
		349.3	
318.41	Monomer contains chalcogen other than in C(=0)-O-		ester derived from saturated carboxylic acid
	chalcogen in any monomer)	329.6	Additional monomer contains
210 40		323.0	
318.42	Hydroxyl group		an ether group
318.43	Monomer contains two or more ester groups	329.7	Polymer derived from methyl acrylate or methyl
318.44	Two or more ester monomers		methacrylate
		220	
318.45	With hydrocarbon monomer	330	Interpolymer of an ester
318.5	With chalcogen containing		derived from ethylenically
	monomer, e.g., additional		unsaturated alcohol, e.g.,
			interpolymer of vinyl acetate,
	carboxyl monomer, etc.		
318.6	With hydrocarbon monomer		etc.
319	From carboxylic acid ester	331	Interpolymerized with
	monomer		hydrocarbon monomer
320		332	From monomer containing an
	Ether or hydroxy containing		5
321	Monomer containing at least	000	ether group
	two carboxylic acid ester	333	Plural ether groups
	groups	334	Aromatic or plural ethylenic
322	Derived from an ethylenically		groups
222		335	From hydrocarbon monomer
	unsaturated alcohol	333	-
323	Derived from an		containing at least two
	ethylenically unsaturated acid		ethylenic groups, e.g.,
	containing plural carboxylic		butadiene, etc.
	acid groups	336	Ethylenic groups are non-
323.1	Diester derived from an		conjugated, e.g.,
323.1			divinylbenzene, etc.
	ethylenically unsaturated	337	
	monocarboxylic acid and polyol	337	Interpolymerized with at least
323.2	With additional monomer		one diverse hydrocarbon
324	Interpolymerized with		monomer containing at least
	hydrocarbon monomer		two ethylenic groups
325	Interpolymerized with monomer	338	Interpolymerized with non-
323			hydrocarbon monomer
	of diverse carboxylic ester	339	Interpolymerized with
326	Aromatic	333	
327	Derived from an ethylenically		aliphatic hydrocarbon
	unsaturated carboxylic acid	340	Interpolymerized with aromatic
	and an ethylenically		hydrocarbon
	unsaturated alcohol	340.1	Polymerized in the presence of
220			a water medium
328	Derived from an ethylenically	340.2	From hydrocarbon having only
	unsaturated carboxylic acid	340.2	
328.5	With additional monomer		five carbon atoms
329	Interpolymerized with	340.3	From hydrocarbon having at
	hydrocarbon monomer		least six carbon atoms
329.1	Hydrocarbon monomer	340.4	Butadiene homopolymer contains
323.1	_		at least 75% cis-1,4-
	containing at least two		configuration
	ethylenic groups, e.g.,	2.41	
	butadiene, etc.	341	From acrylonitrile or
329.2	Aromatic, e.g., styrene,		methacrylonitrile
	etc.	342	Interpolymerized
		343	From vinylidene chloride
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344	From vinyl chloride	906	COMMINUTION OF TRANSITION METAL
344.1	Bulk or mass polymerization of		CONTAINING CATALYST
	vinyl chloride only	907	SPECIFIED MEANS OF REACTING
344.2	Polymerization of vinyl		COMPONENTS OF TRANSITION METAL
	chloride only in an aqueous		CATALYST
	medium	908	CONTAINING CATALYST OF SPECIFIED
344.3	Polyvinyl chloride		PARTICLE SIZE
	characterized by physical	909	POLYMERIZATION CHARACTERIZED BY
	shape, e.g., fiber, sheet,		PARTICLE SIZE OF PRODUCT
	etc.	910	SUSPENDING AGENTS
345	Interpolymerized	911	EMULSIFYING AGENTS
346	From aromatic hydrocarbon	912	REACTION MEDIUM PURIFICATION
347	Interpolymerized	913	VAPOR PHASE POLYMERIZATION IN
347.1	Monomer other than styrene		ABSENCE OF TRANSITION METAL
347.2	Crystalline polystyrene		CONTAINING CATALYST
348	From hydrocarbon	914	POLYMER DEGRADATION
348.1	Stretched product	915	REDOX CATALYST
348.2	At least six carbon atoms	916	INTERPOLYMER FROM AT LEAST THREE
348.3	Ten or more carbon atoms		ETHYLENICALLY UNSATURATED
348.4	Six carbon atoms only		MONOOLEFINIC HYDROCARBON
348.5	N-hexene		MONOMERS
348.6	At least four carbon atoms	917	MANIPULATIVE PROCESSES INVOLVING
348.7	Isobutylene		A SULFUR-CONTAINING TREATING
348.8	With nonhydrocarbon monomer		AGENT
351	From propylene only	918	POLYMERIZATION REACTORS FOR
352	From ethylene only		ADDITION POLYMER PREPARATION
352.2	Low density	919	CATALYST INJECTION TECHNIQUE IN
332.2	How delibitly		
			ADDITION POLYMERIZATION
			ADDITION POLYMERIZATION PROCESSES
		920	
anoga n		920	PROCESSES
CROSS-R	EFERENCE ART COLLECTIONS	920 921	PROCESSES APPARATUS FOR USE IN ADDITION
•	_		PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES
CROSS-R 901	MONOMER POLYMERIZED IN VAPOR		PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION
•	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF	921	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL
•	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING	921	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST	921	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING
•	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN	921	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL	921 922 923	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST	921 922 923 930	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE	921 922 923 930 931	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING	921 922 923 930	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON	921 922 923 930 931 932	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON ADDITIVE AFFECTING POLYMER	921 922 923 930 931	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM DETERGENT PROPERTY OR LUBRICANT
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON ADDITIVE AFFECTING POLYMER PROPERTIES OF CATALYST	921 922 923 930 931 932 933	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM DETERGENT PROPERTY OR LUBRICANT ADDITIVE
901 902 903	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON ADDITIVE AFFECTING POLYMER PROPERTIES OF CATALYST ACTIVITY	921 922 923 930 931 932	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM DETERGENT PROPERTY OR LUBRICANT ADDITIVE ELECTRODEPOSIT, E.G.,
901	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON ADDITIVE AFFECTING POLYMER PROPERTIES OF CATALYST ACTIVITY MONOMER POLYMERIZED IN PRESENCE	921 922 923 930 931 932 933	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM DETERGENT PROPERTY OR LUBRICANT ADDITIVE ELECTROPHORETIC, XEROGRAPHIC,
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901 902 903	MONOMER POLYMERIZED IN VAPOR STATE IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN BULK IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AND HYDROCARBON ADDITIVE AFFECTING POLYMER PROPERTIES OF CATALYST ACTIVITY MONOMER POLYMERIZED IN PRESENCE OF TRANSITION METAL CONTAINING CATALYST AT LEAST PART OF WHICH IS SUPPORTED ON A	921 922 923 930 931 932 933	PROCESSES APPARATUS FOR USE IN ADDITION POLYMERIZATION PROCESSES TIME CYCLE USED IN ADDITION POLYMERIZATION PROCESS CONTROL POLYMERIZATION PROCESS OF ETHYLENIC MONOMERS USING MANIPULATIVE TECHNIQUE ETHYLENIC MONOMERS CONTAINING AT LEAST ONE SALT GROUP WATER SWELLABLE OR HYDROPHILIC PRESSURE SENSITIVE ADHESIVE THICKENER OR DISPERSANT FOR AQUEOUS SYSTEM DETERGENT PROPERTY OR LUBRICANT ADDITIVE ELECTRODEPOSIT, E.G., ELECTROPHORETIC, XEROGRAPHIC, ETC. HOT MELT ADHESIVE PHYSIOLOGICAL USE, E.G.,
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940	HIGH SOFTENING TEMPERATURE, E.G.,
	EXPOSURE TO BOILING WATER,
	BOILABLE, ETC.
941	HAVING THE TRANSITION METAL
	BONDED DIRECTLY TO CARBON
942	POLYMERIZATION IN THE PRESENCE OF
	A LIQUID CO2 DILUENT
943	POLYMERIZATION WITH METALLOCENE
	CATALYSTS

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