

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

C08 ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON (manufacture or treatment of artificial threads, fibres, bristles or ribbons [D01](#))

C08C TREATMENT OR CHEMICAL MODIFICATION OF RUBBERS

NOTE

This subclass includes:

- processes directed to natural rubber or to conjugated diene rubber (synthesis thereof [C08F](#))
- processes directed to rubbers in general (to a specified rubber, other than provided for by (a) above, [C08F](#) - [C08H](#))

WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

[C08C 1/16](#)

covered by

[C08C 1/14](#)

1/00	Treatment of rubber latex	19/12	• Incorporating halogen atoms into the molecule
1/02	• Chemical or physical treatment of rubber latex before or during concentration	19/14	• • by reaction with halogens
1/04	• • Purifying; Deproteinising	19/16	• • by reaction with hydrogen halides
1/06	• • Preservation of rubber latex	19/18	• • by reaction with hydrocarbons substituted by halogen
1/065	• • Increasing the size of dispersed rubber particles	19/20	• Incorporating sulfur atoms into the molecule
1/07	• • • characterised by the agglomerating agents used	19/22	• Incorporating nitrogen atoms into the molecule
1/075	• • Concentrating	19/24	• Incorporating phosphorus atoms into the molecule
1/08	• • • with the aid of creaming agents	19/25	• Incorporating silicon atoms into the molecule
1/10	• • • by centrifugation	19/26	• Incorporating metal atoms into the molecule
1/12	• • • by evaporation	19/28	• Reaction with compounds containing carbon-to-carbon unsaturated bonds (graft polymers C08F 279/00)
1/14	• Coagulation		
1/145	• • {Heat-sensitising agents}		
1/15	• • characterised by the coagulants used	19/30	• Addition of a reagent which reacts with a hetero atom or a group containing hetero atoms of the macromolecule
2/00	Treatment of rubber solutions		
2/02	• Purification	19/32	• • reacting with halogens or halogen-containing groups
2/04	• • Removal of catalyst residues		
2/06	• Wining of rubber from solutions	19/34	• • reacting with oxygen or oxygen-containing groups
3/00	Treatment of coagulated rubber		
3/02	• Purification	19/36	• • • with carboxy radicals
		19/38	• • • with hydroxy radicals
4/00	Treatment of rubber before vulcanisation, not provided for in groups C08C 1/00 - C08C 3/02	19/40	• • • with epoxy radicals
		19/42	• • reacting with metals or metal-containing groups
19/00	Chemical modification of rubber	19/44	• • • of polymers containing metal atoms exclusively at one or both ends of the skeleton

NOTE

In the absence of an indication to the contrary a process is classified in the last appropriate place

19/02	• Hydrogenation
19/04	• Oxidation
19/06	• • Epoxidation
19/08	• Depolymerisation
2019/09	• {Metathese}
19/10	• Isomerisation; Cyclisation