

CPC COOPERATIVE PATENT CLASSIFICATION

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

19/00 Chemical modification of rubber

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
19/12	• Incorporating halogen atoms into the molecule
19/14	• . by reaction with halogens
19/16	• . by reaction with hydrogen halides
19/18	• . by reaction with hydrocarbons substituted by halogen
19/20	• Incorporating sulfur atoms into the molecule
19/22	• Incorporating nitrogen atoms into the molecule
19/24	• Incorporating phosphorus atoms into the molecule
19/25	• Incorporating silicon atoms into the molecule
19/26	• Incorporating metal atoms into the molecule