

**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](#)

**C08C 1/00****Treatment of rubber latex**[C08C 1/02](#)

- . Chemical or physical treatment of rubber latex before or during concentration

[C08C 1/04](#)

- . . Purifying; Deproteinising

[C08C 1/06](#)

- . . Preservation of rubber latex

[C08C 1/065](#)

- . . Increasing the size of dispersed rubber particles

[C08C 1/07](#)

- . . . characterised by the agglomerating agents used

[C08C 1/075](#)

- . . Concentrating

[C08C 1/08](#)

- . . . with the aid of creaming agents

[C08C 1/10](#)

- . . . by centrifugation

[C08C 1/12](#)

- . . . by evaporation

[C08C 1/14](#)

- . Coagulation

[C08C 1/145](#)

- . . {Heat-sensitising agents}

[C08C 1/15](#)

- . . characterised by the coagulants used

**C08C 2/00****Treatment of rubber solutions**[C08C 2/02](#)

- . Purification

[C08C 2/04](#)

- . . Removal of catalyst residues

[C08C 2/06](#)

- . Wining of rubber from solutions

**C08C 3/00****Treatment of coagulated rubber**[C08C 3/02](#)

- . Purification

**C08C 4/00**

**Treatment of rubber before vulcanisation, not provided for in groups**  
[C08C 1/00](#) - [C08C 3/02](#)

**C08C 19/00****Chemical modification of rubber****NOTE**

C08C 19/00  
(continued)

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

- C08C 19/02 . Hydrogenation
- C08C 19/04 . Oxidation
- C08C 19/06 . . Epoxidation
- C08C 19/08 . Depolymerisation
- C08C 2019/09 . {Metathese}
- C08C 19/10 . Isomerisation; Cyclisation
- C08C 19/12 . Incorporating halogen atoms into the molecule
- C08C 19/14 . . by reaction with halogens
- C08C 19/16 . . by reaction with hydrogen halides
- C08C 19/18 . . by reaction with hydrocarbons substituted by halogen
- C08C 19/20 . Incorporating sulfur atoms into the molecule
- C08C 19/22 . Incorporating nitrogen atoms into the molecule
- C08C 19/24 . Incorporating phosphorus atoms into the molecule
- C08C 19/25 . Incorporating silicon atoms into the molecule
- C08C 19/26 . Incorporating metal atoms into the molecule
- C08C 19/28 . Reaction with compounds containing carbon-to-carbon unsaturated bonds ([graft polymers C08F 279/00](#))
- C08C 19/30 . Addition of a reagent which reacts with a hetero atom or a group containing hetero atoms of the macromolecule
- C08C 19/32 . . reacting with halogens or halogen-containing groups
- C08C 19/34 . . reacting with oxygen or oxygen-containing groups
- C08C 19/36 . . . with carboxy radicals
- C08C 19/38 . . . with hydroxy radicals
- C08C 19/40 . . . with epoxy radicals
- C08C 19/42 . . reacting with metals or metal-containing groups
- C08C 19/44 . . . of polymers containing metal atoms exclusively at one or both ends of the skeleton