

SECTION C — CHEMISTRY; METALLURGY

C08 ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON**C08C TREATMENT OR CHEMICAL MODIFICATION OF RUBBERS****Note(s)**

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).

Preparation**1/00 Treatment of rubber latex**

- 1/02 • Chemical or physical treatment of rubber latex before or during concentration
- 1/04 • • Purifying; Deproteinising
- 1/06 • • Preservation of rubber latex
- 1/065 • • Increasing the size of dispersed rubber particles [2]
- 1/07 • • • characterised by the agglomerating agents used [2]
- 1/075 • • Concentrating [2]
- 1/08 • • • with the aid of creaming agents [2]
- 1/10 • • • by centrifugation [2]
- 1/12 • • • by evaporation [2]
- 1/14 • Coagulation
- 1/15 • • characterised by the coagulants used [2]
- 1/16 • • in floc form

2/00 Treatment of rubber solutions [2]

- 2/02 • Purification [2]
- 2/04 • • Removal of catalyst residues [2]
- 2/06 • Winning of rubber from solutions [2]

3/00 Treatment of coagulated rubber

- 3/02 • Purification [2]

4/00 Treatment of rubber before vulcanisation, not provided for in groups C08C 1/00-C08C 3/02 [2]**19/00 Chemical modification of rubber [2]****Note(s)**

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.

- 19/02 • Hydrogenation [2]
- 19/04 • Oxidation [2]
- 19/06 • • Epoxidation [2]
- 19/08 • Depolymerisation [2]
- 19/10 • Isomerisation; Cyclisation [2]
- 19/12 • Incorporating halogen atoms into the molecule [2]
- 19/14 • • by reaction with halogens [2]
- 19/16 • • by reaction with hydrogen halides [2]
- 19/18 • • by reaction with hydrocarbons substituted by halogen [2]
- 19/20 • Incorporating sulfur atoms into the molecule [2]
- 19/22 • Incorporating nitrogen atoms into the molecule [2]
- 19/24 • Incorporating phosphorus atoms into the molecule [2]
- 19/25 • Incorporating silicon atoms into the molecule [5]
- 19/26 • Incorporating metal atoms into the molecule [2]
- 19/28 • Reaction with compounds containing carbon-to-carbon unsaturated bonds (graft polymers C08F 279/00) [2]
- 19/30 • Addition of a reagent which reacts with a hetero atom or a group containing hetero atoms of the macromolecule [2]
- 19/32 • • reacting with halogens or halogen-containing groups [2]
- 19/34 • • reacting with oxygen or oxygen-containing groups [2]
- 19/36 • • • with carboxy radicals [2]
- 19/38 • • • with hydroxy radicals [2]
- 19/40 • • • with epoxy radicals [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]