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(54) Title: PROCESS FOR EXTRACTING HEVEA LATEX POLYSACCHARIDES FROM EFFLUENT OF THE RUBBER MANUFACTURING INDUSTRY, POLYSACCHARIDE EXTRACT, COMPOSITION AND USE THEREOF

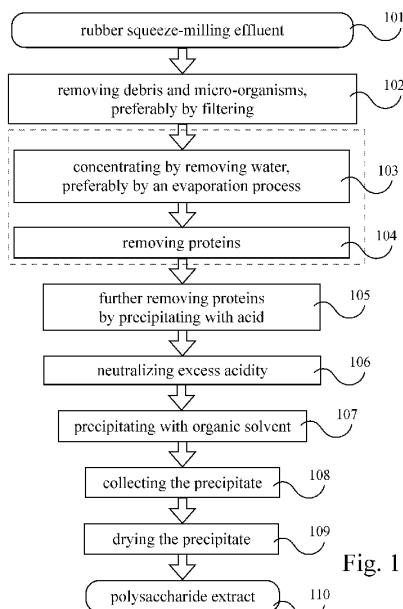


Fig. 1

(57) Abstract: A method for extracting *Hevea* Latex Polysaccharides (HLPs) from process effluent in the rubber manufacturing industry. The effluent obtained from the squeeze-milling of rubber coagula is optionally filtered in order to remove debris and various micro-organisms. The liquid is then concentrated, preferably by evaporation. Proteins are removed as much as possible and excess acidity, if any, is neutralized. Polysaccharides are then precipitated with an organic solvent and then collected. The final step is drying the precipitate to obtain the polysaccharide extract. Each step is performed at a temperature lower than about 100°C. The disclosure also provides for the use of such extract and of the composition comprising such extract in the manufacture of a medicament for the treatment of inflammation.

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