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Company known as: Compagnie Générale des Etablissements Michelin

5 Title: Method for preparing a natural rubber

Abstract

The invention relates to a process for the preparation of a natural cup lump rubber which comprises the extrusion of a mixture of a natural cup lump rubber coagulum and of a
10 bleaching agent for natural rubber in an endless screw machine equipped with a barrel, in which the screw revolves, and with a perforated die at the screw end, in which process:

- a) the mixture formed of the coagulum and of the bleaching agent is compressed at a temperature of greater than or equal to 110°C and less than or equal to 210°C in the barrel,
- b) an adiabatic flash expansion at a pressure difference of greater than or equal to 30 bar is
15 carried out at the die outlet. The process makes it possible to reduce the colouring of the natural cup lump rubber.