

Title (en)

PROCESS FOR PREPARING ELASTIC FIBER HAVING HIGH MODULUS, ALKALI-RESISTANCE AND HEAT-RESISTANCE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER HOCHMODULIGEN ELASTOFASER MIT HOHER ALKALI- UND WÄRMEBESTÄNDIGKEIT

Title (fr)

PROCEDE DE PREPARATION D'UNE FIBRE ELASTIQUE A HAUT MODULE ET A RESISTANCE AUX ALCALIS ET A LA CHALEUR SUPERIEURE

Publication

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Application

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Abstract (en)

[origin: WO2005021847A1] Disclosed herein is a process for preparing an elastic fiber having a high modulus and superior resistance to alkali and heat. The process comprises the steps of adding 1~20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, homogeneously stirring the mixture to obtain a spinning solution, and ripening and spinning the solution. According to the process, a high modulus and highly heat resistant elastic fiber can be prepared without a sudden change in conditions for preparation of the polymer.

IPC 8 full level

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