

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

**EP 1660706 A4 20070919 (EN)**

Application

**EP 04774308 A 20040813**

Priority

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- KR 20030060810 A 20030901

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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CPC (source: EP KR US)

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Citation (search report)

- [DA] JP 2000303259 A 20001031 - FUJI SPINNING CO LTD
- [PA] JP 2004068166 A 20040304 - FUJI SPINNING CO LTD
- See references of WO 2005021847A1

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