

Title (en)

A PROCESS FOR PREPARING SUBDENIER FIBERS, PULP-LIKE SHORT FIBERS, FIBRIDS, ROVINGS AND MATS FROM ISOTROPIC POLYMER SOLUTIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SUBDENIER FASERN, PULPEÄHNLICHEN KURZEN FASERN, FIBRIDEN, VORGARNEN UND MATTEN AUS ISOTROPEN POLYMEREN LÖSUNGEN

Title (fr)

PROCEDE DE PREPARATION DE FIBRES DE L'ORDRE DU SOUS-DENIER SOUS FORME DE FIBRES COURTES DE CONSISTANCE PATEUSE, DE FIBRIDES, DE STRATIFILS ET DE NATTES A PARTIR DE SOLUTIONS POLYMERES ISOTROPES

Publication

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Application

**EP 91913576 A 19910719**

Priority

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Abstract (en)

[origin: WO9201829A1] A process for preparing subdenier fibers and structures thereof from isotropic polymer solutions is disclosed. The process comprises extruding a stream of the polymer solution into a chamber, introducing a pressurized gas into the chamber, directing the gas in the flow direction of and in surrounding contact with the stream within the chamber, passing both the gas and the stream into a zone of lower pressure at a velocity sufficient to attenuate the stream and fragment it into fibers, and contacting the fragmented stream in the zone with a coagulating fluid.

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