

Title (en)

METHOD FOR PRODUCING SYNTHETIC FIBRES FROM A FIBRE-FORMING POLYMER-BASED MELT BLEND

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SYNTHETISCHEN FÄDEN AUS EINER AUF FASERBILDENDEN POLYMEREN BASIERENDEN SCHMELZE-MISCHUNG

Title (fr)

PROCEDE DE FABRICATION DE FILS SYNTHETIQUES A PARTIR D'UN MELANGE FONDU A BASE DE POLYMERES FIBROGENES

Publication

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Application

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Abstract (en)

[origin: WO0190454A1] The invention relates to a method for producing synthetic fibres from a melt blend that is based on fibre-forming matrix polymers. According to said method, at least one second amorphous additive polymer is added to the fibre-forming matrix polymers, said additive polymer being incompatible with the fibre-forming matrix polymer, in a quantity of 0.05 to 5 wt.-%, relative to the combined total weight of fibre-forming matrix polymer and the additive polymer with which it is incompatible. The method is characterized in that an additive polymer, which can be obtained by multiple initiation, is added. The invention also relates to synthetic fibres obtained by said method and to the further processing of the same.

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