

Title (en)

A method for producing polymer fibers and apparatus therefor

Title (de)

Verfahren zur Herstellung von Polymerfasern und Vorrichtung dazu

Title (fr)

Procédé et appareil pour la fabrication de fibres polymères

Publication

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Application

EP 00660006 A 20000117

Priority

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Abstract (en)

[origin: EP1022363A1] The object of the present invention is a method for producing hydrophobic polymer fiber filaments, the method comprising the following steps forming a melt from a hydrophobic polymer, melt-spinning the polymer to form filaments, applying a spin finish to the filaments, and optionally crimping and cutting the filaments into staple fibers. According to the invention, the method includes a step of subjecting the filament to at least one surface treatment step, preferably using a corona discharge or plasma treatment to increase the surface free energy thereof. An object of the invention is also an apparatus or production line for carrying out the method. <IMAGE>

IPC 8 full level

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Cited by

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