

Title (en)

Process for spinning solutions of polyamide-imides based on metaphenylene diisocyanate and fibres made thereof

Title (de)

Spinnverfahren von Polyamidimidlösungen auf Basis von Metaphenylendiisocyanat und daraus hergestellte Fasern

Title (fr)

Procédé de filage de solutions de polyamide-imides à base de métaphénylène diisocyanates et fibres ainsi obtenues

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0549494A1] Process for obtaining PAI fibres by spinning PAI in solution and the fibres thus obtained. They are obtained by dry or wet spinning in dimethylalkyleneurea, followed by removal of the solvent and overdrawing at elevated temperature. The yarns and fibres obtained originate from PAI based on tolylene or meta-phenylene diisocyanate and on an aromatic acid anhydride and/or an aromatic dianhydride, and optionally on one or a number of diacidic compounds. They exhibit an excellent thermomechanical behaviour and allow access to very low filament counts.

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IPC 8 full level

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CPC (source: EP KR)

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