

Title (en)

METHOD FOR PRODUCTION OF A PARTLY-CRYSTALLINE POLYCONDENSATE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TEILKRISTALLINEN POLYKONDENSATES

Title (fr)

PROCEDE DE PRODUCTION D'UN POLYCONDENSAT SEMI-CRISTALLIN

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005087838A1] The invention relates to a method for production of a partly-crystalline polycondensate, in particular, a polyester or a polyamide, whereby a polycondensate prepolymer is firstly produced, which is prepared and formed into granules, by means of a die-face granulating device, with an average diameter of less than 2 mm, said granules being cut at the outlet from the die plate. The degree of crystallisation and the molecular weight are then increased in a solid-phase polycondensation process. For granulation, the polycondensate prepolymer melt is pressed through a die plate with a number of die perforations, preferably arranged on at least one annular track. The cutting is achieved by means of a circulating knife with a liquid jet.

IPC 8 full level

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