

Title (en)

METHOD FOR PRODUCING POLYETHYLENE TEREPHTHAHLATE MODIFIED WITH O-PHTHALIC ACID UNITS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MIT O-PHTHALSÄUREEINHEITEN MODIFIZIERTEM POLYETHYLENTEREPHTHALAT

Title (fr)

PROCEDE DE PRODUCTION DE POLYETHYLENTEREPHTHALAT MODIFIE PAR DES UNITES D'ACIDE O-PHTHALIQUE

Publication

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Application

EP 00949089 A 20000610

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Abstract (en)

[origin: DE19930705A1] The invention relates to a method for producing polyethylene terephthalate modified with phthalic acid units in such a way as to avoid high losses of phthalic acid during the esterification and the polycondensation and in such a way as to keep the advantageous application technology properties provided by the phthalic acid. According to the invention, a precondensate consisting of phthalic acid anhydride and ethylene glycol, produced without a catalyst, is added in the esterification and/or polycondensation stage. The ethylene glycol is used with a molar excess of 2 to 3.5 in relation to the phthalic acid anhydride.

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IPC 8 full level

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