

Title (en)
Polyesterfibres modified with carbodiimides and process for their preparation

Title (de)
Mit Carbodiimiden modifizierte Polyesterfasern und Verfahren zu ihrer Herstellung

Title (fr)
Fibres de polyester modifiées avec des carbodiimides et procédé pour leur fabrication

Publication
EP 0417717 B1 19960410 (DE)

Application
EP 90117454 A 19900911

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DE 3930845 A 19890915

Abstract (en)
[origin: EP0417717A2] There are described polyester fibres and filaments which, as a result of a reaction with carbodiimides, have capped carboxyl end groups, for which - the capping of the carboxyl end groups was effected predominantly by reaction with mono- and/or biscarbodiimides from which, however, only less than 30 ppm (by weight) of the polyester are left in free form in the fibres and filaments, - the free carboxyl end group content is less than 3 meq/kg of polyester, and - the fibres and filaments still contain at least 0.05 per cent by weight of at least one free polycarbodiimide or a reaction product with still reactive carbodiimide groups, and a process for preparing them. <??>The filaments described are suitable in particular for manufacturing paper machine wire-cloths.

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IPC 8 full level
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Cited by
EP0779382A1; US6147128A; DE19580248C5; DE4307392C2; EP2418247A1; EP2418248A1; US5811508A; EP0503421A1; US5885709A; EP2581368A4; WO03000767A1

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