

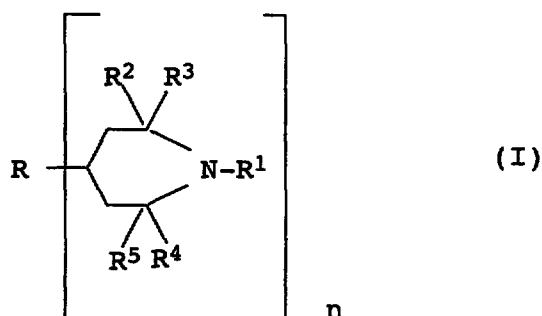
Inherently light- and heat-stabilized polyamides of improved wetfastness

5 Abstract

A process for preparing polyamides comprises polymerizing starting monomers or starting oligomers in the presence of at least one compound of the formula (I)

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where

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R is a functional group R⁸ which bears 1-4 identical or different amide-forming groups R⁷,

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R¹ is H, C₁-C₂₀-alkyl, cycloalkyl, benzyl or OR⁶, where

R⁶ is H, C₁-C₂₀-alkyl, cycloalkyl or benzyl,

R², R³, R⁴ and R⁵ are independently C₁-C₁₀-alkyl,

n is a natural number greater than 1, and

35 the piperidine derivatives attached to R are identical or different with regard to the substituents, meaning R¹, R², R³, R⁴ and R⁵.

The polyamides are useful for preparing filaments, fibers, films, 40 sheetlike structures and moldings.

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