

Title (en)

REACTION PRODUCTS OF CHAIN-EXTENDED POLYAMINE COMPOUNDS AND FATTY ACID-CONTAINING MATERIALS.

Title (de)

REAKTIONSPRODUKTE VON KETTENVERLÄNGERTEN POLYAMINEN UND FETTSÄURE-HALTIGEN SUBSTANZEN.

Title (fr)

PRODUIT REACTIONNEL DE COMPOSES DE POLYAMINE A CHAINE ALLONGEE ET MATERIAU CONTENANT UN ACIDE GRAS.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9400418A1] Chain-extended polyamines with at least one fatty acid moiety are produced. One or more polyorgano amine compounds having alkyl, aryl, and/or alkylaryl groups are reacted with a chain extender that is difunctional for reaction with the amine groups of the polyamine. The number of carbon atoms for the chain extender and the amount of amine functionality on the polyamine is balanced to produce at least a water-dispersible chain-extended polyamine. The chain-extended polyamine is further reacted or the polyamine and the chain-extender are reacted simultaneously with one or more fatty acids which are predominantly monovalent for reaction with the chain-extended polyamine to produce chain-extended polyamine with at least one fatty acid moiety that is at least water-dispersible. These materials can be present with or without water on various substrates including fibers, strands, yarns and glass substrates like these and plates and beads.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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