

Title (en)

COPOLYMERS CONTAINING AMINOPLAST UNITS AND USE THEREOF AS A DISPERSING AGENT OR STABILIZER

Title (de)

AMINOPLASTEINHEITEN ENTHALTENDE COPOLYMERE UND IHRE VERWENDUNG ALS DISPERGIER-ODER STABILISIERMITTEL

Title (fr)

COPOLYMERES RENFERMANT DES UNITES AMINOPLASTE ET LEUR UTILISATION EN TANT QU'AGENTS DISPERSANTS OU STABILISANTS

Publication

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Application

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Abstract (en)

[origin: WO03055928A1] Disclosed are water-soluble aminoplast-ether copolymers of the following structural type:, in which Z represents an aminoplast unit on the basis of unsubstituted glycoluril or glycoluril that has been substituted with a reactive OR group (R representing an alkyl group, alkene group, alkyl ether group, or alkyl ester group, preferably a low alkyl group, for example a methyl group or ethyl group); B represents the remainder of an essentially water-insoluble polymer selected among poly-n-butyl acrylate, poly-n-butyl methacrylate, polyethyl acrylate, polytetrahydrofuran, polyethylmethacrylate, polymethylacrylate, polymethylmethacrylate, mostly aliphatic polycarbonate or mostly aromatic polycarbonate, most preferably among poly-n-butyl methacrylate or mostly aliphatic or aromatic polycarbonate with at least two functional groups which can react with the OR function of the aminoplast unit, preferably with a hydroxyl function; R1 represents the remainder of a hydrophilic organic compound with at least one functional group which can react with the OR function of the aminoplast unit, preferably with a hydroxyl function, while making an ether bond; and a equals at least 1. Also disclosed are a method for producing the inventive aminoplast-ether copolymers and the use thereof as a dispersing agent and a stabilizer.

IPC 1-7

C08G 12/42; **C09B 67/00**; **C09D 17/00**

IPC 8 full level

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