Title (en)

AQUEOUS DISPERSIONS OF ACRYLATE MODIFIED ALKYD RESINS AND USE THEREOF

Title (de)

WÄSSRIGE DISPERSIONEN ACRYLATMODIFIZIERTER ALKYDHARZE UND IHRE VERWENDUNG

Title (fr)

DISPERSIONS AQUEUSES DE RESINES ALKYDES A MODIFICATION ACRYLATE ET UTILISATION DESDITES DISPERSIONS

Publication

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Application

EP 00988741 A 20001122

Priority

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Abstract (en)

[origin: WO0140336A2] An aqueous dispersion of an acrylate modified alkyd resin which can be produced in the following manner in the presence of at least one watermixable diol: 1) at least one alkyd resin containing 0.1. 10 % side or terminal allyloxy groups in relation to the overall quantity thereof, is dispersed in water, resulting in dispersion 1; (2) a mixture of methacrylic acid and at least one other olefinically saturated monomer free of carboxylic acid groups is graft polymerized, resulting in dispersion 2;, and (3) at least one acid-group free olefinically unsaturated monomer and/or at least one mixture of at least one acid-group containing olefinically unsaturated monomer and at least one acid-group free olefinically unsaturated monomer, in which dispersion 2 or 2 n-1 resulting from previous steps (2) or (2) (n-1) is graft polymerized once or n times, with the proviso that acid groups are incorporated in step (3) or repetitions thereof (3) (n), whereby the quantity of said acid groups corresponds to a maximum total of 90 mol % of the acid groups incorporated in step (2).

IPC 1-7 (main, further and additional classification)

C08F 283/01; C08F 285/00; C09D 151/08; C09D 167/07; C09D 167/08

IPC 8 full level (invention and additional information)

C08F 283/01 (2006.01); **C08G 63/49** (2006.01); **C09D 151/08** (2006.01); **C09D 167/08** (2006.01); **C09J 167/08** (2006.01)

CPC (invention and additional information)

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Citation (search report)

See references of WO 0140336A3

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