

Title (en)
PASTE RESINS FOR PAINTS CONTAINING SOLVENTS

Title (de)
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Title (fr)
RESINES PATEUSES POUR PEINTURES A BASE DE SOLVANTS

Publication
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Application
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Abstract (en)
[origin: EP1595900A1] Use of urethane-modified hydrophilic resins ABCD (I) as paste resins for solvents containing lacquers, where (I) is a reaction product comprising (in proportions): 10-90 % aldehyde and/or ketone resins (A) of 20-300 mg/g; 5- 30 % functional isocyanates (B); 0-30 % aliphatic acids (C); 0-70 % aliphatic polyethers (D) (where the sum of the proportions of the product A to D and one of the product C and D is always 100%). Use of urethane-modified hydrophilic resins ABCD (I) as paste resins for solvents containing lacquers, where (I) is a reaction product of a reaction mixture comprising (in proportions): 10-90 % aldehyde and/or ketone resins (A) (with a hydroxyl number of 20-300 mg/g, softening temperature of 60-140[deg]C and molecular mass (M n) of 500-3000 g/mol); 5- 30 % functional isocyanates (B) (with at least 2 groups of isocyanates per molecule); 0-30 % aliphatic acids (C) with at least one group of acids (that can react with isocyanates under a urethane or a urea structure); 0-70 % aliphatic polyethers (D) (with a molecular mass (M n) of 200-8000 g/mol and at least one hydroxyl group per molecule) and where the sum of the proportions of A-D and at least one of the product C and D is always 100%).

IPC 8 full level
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