

Title (en)  
AQUEOUS PRIMARY DISPERSION, SUBSTANTIALLY OR COMPLETELY DEVOID OF VOLATILE ORGANIC SUBSTANCES, METHOD FOR THE PRODUCTION THEREOF AND USE OF THE SAME

Title (de)  
VON FLÜCHTIGEN ORGANISCHEN STOFFEN IM WESENTLICHEN ODER VÖLLIG FREIE WÄSSRIGE PRIMÄRDISPERSION, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)  
DISPERSION PRIMAIRE AQUEUSE PRATIQUEMENT OU TOTALEMENT EXEMPTÉ DE MATIÈRES ORGANIQUES VOLATILES, SON PROCÉDE DE PRODUCTION ET SON UTILISATION

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Application  
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Abstract (en)  
[origin: DE10106567A1] The invention relates to an aqueous primary dispersion, substantially or completely devoid of volatile organic substances, containing dispersed and/or emulsified solid and/or liquid polymer particles and/or dispersed solid core-shell particles with a particle diameter  $< 500$  nm. Said dispersion is obtained by the radical micro- or mini-emulsion polymerisation of at least one olefinically unsaturated monomer, in the presence of at least one hydrophobic additive and at least one oligomeric polyester with a number average molecular weight of between 150 and 1,500 dalton, a hydroxyl value of between 100 and 1,000 mg KOH/g and an acid value  $< 20$  mg KOH/g. The invention also relates to a method for the production of said dispersion and to the use thereof as a coating substance, adhesive and sealant or for producing a coating substance, adhesive or sealant.

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