

Title (en)
USE OF AQUEOUS COMPOSITE-PARTICLE DISPERSIONS AS BINDERS IN ELASTIC COATINGS

Title (de)
VERWENDUNG WÄSSRIGER KOMPOSITPARTIKEL-DISPERSIONEN ALS BINDEMITELE IN ELASTISCHEN BESCHICHTUNGEN

Title (fr)
UTILISATION DE DISPERSIONS AQUEUSES DE PARTICULES COMPOSITES EN TANT QUE LIANT DANS DES REVÊTEMENTS ÉLASTIQUES

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EP 09782463 A 20090901

Priority

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Abstract (en)
[origin: WO2010026138A1] The subject matter of the present invention is the use of an aqueous dispersion of particles (aqueous composite-particle dispersion) composed of polymerizable and finely dispersed inorganic solid as binder in elastic coatings such as paints, in particular façade paints, wherein in the production of the aqueous composite-particle dispersion, ethylene unsaturated monomers are dispersed in aqueous medium and are polymerized by means of at least one radical polymerization initiator in the presence of at least one dispersely distributed, finely powdered inorganic solid with an average particle diameter of 100 nm and at least one dispersing agent according to the method of radical aqueous emulsion polymerization, and wherein as ethylene unsaturated monomers, a mixture of monomers is used which contains ethylene unsaturated monomers A and if necessary, 0 to 10 wt% of an ethylene unsaturated monomer B (epoxy monomer) having one epoxy group.

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