

Title (en)  
HYDROPHOBIC CATIONIC DISPERSIONS STABILISED BY LOW-MOLECULAR-MASS MALEIMIDE COPOLYMERS WHICH ARE ASSOCIATED WITH CATIONIC SURFACTANTS AND THE APPLICATIONS THEREOF IN RELATION TO COATINGS AND PAPER SIZING

Title (de)  
DURCH MIT KATIONISCHEN TENSIDEN ASSOZIIERTE NIEDERMOLAKULARE MALEINIMIDCOPOLYMERE STABILISIERTE HYDROPHOBE KATIONISCHE DISPERSIONEN UND DEREN ANWENDUNGEN IN BEZUG AUF BESCHICHTUNGEN UND PAPIERLEIMUNG

Title (fr)  
DISPERSIONS CATIONIQUES HYDROPHOBES STABILIS ES PAR DES COPOLYM RES MAL IMIDES DE FAIBLE MASSE MOL CULAIRE ASSOCI S A DES TENSIOACTIFS CATIONIQUES ET LEURS APPLICATIONS AUX DOMAINES DES REV TEMENTS ET DU COLLAGE DU PAPIER

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Application  
**EP 02784865 A 20020711**

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Abstract (en)  
[origin: WO03006511A2] The invention relates to a novel method of obtaining an aqueous dispersion of hydrophobic polymers which are dispersed in the form of particles. The particles have an average diameter that is less than 100 nm and said particles are stabilised jointly by means of a macromolecular surfactant based on imidised maleic styrene/anhydride copolymer with a low mass and an anionic surfactant. The invention also relates to the use of one such dispersion in paper processing and sizing and in relation to coatings for substrates as diverse as wood, metals, glass, construction materials, textiles, leather, plastics, etc.

IPC 1-7  
**C08F 2/28**; **C08F 212/08**; **C08F 285/00**; **C08F 257/02**; **C08L 51/00**; **C09D 151/00**; **D21H 21/16**; **B01F 17/52**; **C09D 5/02**; **C09D 7/02**; **B27K 3/34**

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