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Abstract (en)
[origin: WO9833979A1] The invention relates to an aqueous dispersion containing a cellulose-reactive sizing agent and a dispersant system comprising a low molecular weight cationic organic compound having a molecular weight less than 10,000 and an anionic stabilizer, its preparation and use in the production of paper. The invention further relates to a substantially water-free composition containing a cellulose-reactive sizing agent, a low molecular weight cationic organic compound having a molecular weight less than 10,000 and an anionic stabilizer, its preparation and use in the preparation of an aqueous dispersion of cellulose-reactive sizing agent. Suitable anionic stabilizers for use in this invention include anionic compounds functioning as stabilizers and/or being effective in combination with the cationic compounds to stabilize the sizing agent in an aqueous phase as well as anionic compounds known as useful as dispersants in the preparation of size dispersions. Preferably the anionic compound is water-soluble or water-dispersible. The anionic stabilizer can be selected from organic or inorganic compounds and it can be derived from natural or synthetic sources.

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