

Process for producing water-redispersible polymer powder compositions having cationic functionality

Abstract:

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The invention provides a process for producing water-redispersible polymer powder compositions having cationic functionality, by radically polymerizing one or more ethylenically unsaturated monomers in the presence of

10 protective colloid and/or emulsifier in an aqueous medium, and drying the resulting aqueous polymer dispersion after addition of a cationic protective colloid as drying aid, characterized in that said cationic protective colloid used comprises

homopolymers or copolymers of one or more cationic monomers
15 having a quaternary ammonium halide group, with 50 wt% to 100 wt% of the halide ions in the quaternary ammonium halide groups having been replaced by nonhalide anions, and with the fraction of halide ions being less than 1 wt%, based on the total weight of the polymer powder composition.