

Title (en)

METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO)POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD, REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID DISPERSIONS AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG WÄSSRIGER DISPERSIONEN VON (CO-)POLYMERISATEN, DIE DANACH ERHÄLTlichen DISPERSIONEN, AUS DEN DISPERSIONEN ERHÄLTliche REDISPERGIERBARE PULVER SOWIE DEREN VERWENDUNG

Title (fr)

PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DE (CO-)POLYMERES, DISPERSIONS PRODUITES SELON CE PROCEDE, POUDRES REDISPERSIBLES OBTENUES A PARTIR DE CES DISPERSIONS ET LEUR UTILISATION

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Application

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Abstract (en)

[origin: DE19833066A1] The invention relates to a method for producing aqueous dispersions of (co)polymers using a polymer with cationic functionality, optionally with the addition of the usual additives. The polymer with cationic functionality is obtained by (co)polymerising olefinically unsaturated (co)monomers in an aqueous medium, at least one of said (co)monomers having a cationic functionality. Other (co)monomers are added and the polymerisation is carried out in the presence of suitable initiators. The polymers and/or (co)monomers are chosen and the method is controlled in such a way that a (co)polymer particle is formed with heterogeneous morphology and the resulting dispersed (co)polymer has a glass transition temperature T_g of more than approximately 50 DEG C. The invention also relates to a method for forming the polymer with cationic functionality in the presence of a seed in situ, and to redispersible powders and their use.

IPC 1-7

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