

Title (en)
METHOD OF ADSORPTION OF CATIONIC AND ANIONIC POLYMERS ON THE SURFACE OF PARTICLES AND PAPER OR NONWOVEN PRODUCT CONTAINING SUCH PARTICLES

Title (de)
VERFAHREN ZUR ADSORPTION VON KATIONISCHEN UND ANIONISCHEN POLYMEREN AUF DIE OBERFLÄCHE VON PARTIKELN UND SOLCHE PARTIKEL ENTHALTENDES PAPIER- ODER VLIESSTOFFPRODUKT

Title (fr)
PROCEDE D'ADSORPTION DE POLYMERES CATIONIQUES ET ANIONIQUES SUR LA SURFACE DE PARTICULES ET PRODUIT PAPIER OU NON TISSE CONTENANT DE TELLES PARTICULES

Publication
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Application
EP 01916028 A 20010322

Priority
• SE 0100612 W 20010322
• SE 0001268 A 20000406

Abstract (en)
[origin: WO0177437A1] Method of producing a particle or group of particles intended for use in paper- and/or nonwovenmaking and having a coating of at least two, preferably at least three, outside each other located thin layers of alternating cationic and anionic polymers, at which the particle or group of particles is treated in consecutive steps with solutions of the alternating cationic and anionic polymers. The amount of the respective polymer to be added in each step is controlled by charge measurements of the treatment solution or a liquid containing the particles or group of particles and the polymer solution, after the treatment in each step in order to determine that substantially all polymer is adsorbed to the particle surface. It is also referred to a paper- or nonwoven product containing fibres and/or fillers produced according to the method. It is further referred to paper products containing increased amounts of wet strength agent and to tissue paper having improved wet strength.

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