Title (en)

PROCESS FOR PREPARING ELECTROCONDUCTIVE COATINGS

Title (de)

PROZESS ZUR HERSTELLUNG VON LEITFÄHIGEN BESCHICHTUNGEN

Title (fr)

PROCESSUS DE PREPARATION DE REVETEMENTS ELECTROCONDUCTEURS

Publication

EP 1639607 A1 20060329 (EN)

Application

EP 04741766 A 20040609

Priority

- EP 2004051073 W 20040609
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- EP 04741766 A 20040609

Abstract (en)

[origin: WO2004114326A1] An aqueous dispersion of latex particles, said latex particles containing a polymer containing monomer units according to formula (I), in which R<1> and R<2> independently of one another represent hydrogen or a C1-5-alkyl group or together form an optionally substituted C1-5-alkylene residue and at least one polyanion compound, said latex having a primary particle size of less than 40 nm and said dispersion contains an organic compound containing a dior polyhydroxy- and/or carboxy groups or amide or lactam group or an aprotic compound with a dielectric constant, ε, >= 15, characterized in that said latex particles contain said at least one polyanion compound and said polymer in a weight ratio of at least 4; a process for preparing an electroconductive coating comprising the steps of: preparing an aqueous solution or dispersion of the abovementioned polymer by polymerization with an initiator in a reaction medium in the presence of at least one polyanion compound under oxidizing or reducing conditions.

IPC 1-7

H01B 1/12; C09D 5/24

IPC 8 full level

C09D 5/24 (2006.01)

CPC (source: EP KR)

C08K 3/00 (2013.01 - KR); **C09D 5/24** (2013.01 - EP KR); **H01B 1/12** (2013.01 - KR); **H01G 11/48** (2013.01 - EP); **H01G 11/56** (2013.01 - EP)

Citation (search report)

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