

Title (en)
CATIONICALLY MODIFIED, ANIONIC POLYURETHANE DISPERSIONS

Title (de)
KATIONISCH MODIFIZIERTE ANIONISCHE POLYURETHANDISPERSIONEN

Title (fr)
DISPERSIONS POLYURETHANE ANIONIQUES MODIFIEES PAR VOIE CATIONIQUE

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Application
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Abstract (en)
[origin: WO03085020A1] The invention relates to cationically modified, particulate anionic polyurethanes having a particle size ranging from 10 nm to 10 μ m, whereby the particulate polyurethanes are cationically modified by covering their surface with cationic polymers. Preferred cationic polymers are: polymers containing vinylamine units; polymers containing vinylimidazole units; polymers containing quaternary vinylimidazole units; condensates that consist of imidazole and of epichlorohydrin; cross-linked polyamidoamines; cross-linked polyamidoamines grafted with ethylene imine; polyethylene imines; alkoxylated polyethylene imines; cross-linked polyethylene imines; amidated polyethylene imines; alkylated polyethylene imines; polyamines; amine-epichlorohydrin polycondensates; alkoxylated polyamines; polyallylamines; polydimethyldiallylammonium chlorides; polymers containing alkaline (meth)acrylamide units or (meth)acrylester units; polymers containing alkaline quaternary (meth)acrylamide units or (meth)acrylester units, and; lysine condensates.

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C08G 18/08 (2006.01); **C08L 75/04** (2006.01); **C11D 3/37** (2006.01); **C08L 79/00** (2006.01)

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