

Title (en)
POLYURETHANE DISPERSION COMPRISING SILOXANE GROUPS

Title (de)
POLYURETHANDISPERSION MIT SILOXANGRUPPEN

Title (fr)
DISPERSION DE POLYURETHANNE COMPORTANT DES GROUPES SILOXANE

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Application
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Priority

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Abstract (en)
[origin: WO2005044885A1] The invention relates to an aqueous dispersion of a polyurethane, obtained by reacting polyisocyanates and compounds that react with isocyanate in a mini-emulsion. Said dispersion is characterised in that the compounds that react with isocyanate are, at least in part, polysiloxanes of formula (I), in which: R<1> and R<2> independently of one another represent a monovalent hydrocarbon group with a maximum of 20 C atoms, which can optionally contain heteroatoms, O or N; R<3> and R<4> independently of one another represent a single bond or a bivalent hydrocarbon group with a maximum of 20 C atoms, which can optionally contain heteroatoms, O or N; R<5> and R<6> independently of one another represent an OH, SH, NH2 or NHR<7> group, whereby R<7> is a monovalent hydrocarbon group with a maximum of 20 C atoms, which can optionally contain heteroatoms, O or N; and n represents a whole number from 1 to 100.

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