

Title (en)  
WATER-DILUTABLE POLYURETHANE DISPERSIONS

Title (de)  
WASSERVERDÜNNBARE POLYURETHANDISPERSIONEN

Title (fr)  
DISPERSIONS DE POLYURETHANNE DILUABLES DANS L'EAU

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Application  
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Abstract (en)  
[origin: WO2005000930A1] The invention relates to water-dilutable polyurethane dispersions containing structural elements derived from polyisocyanates A, polyols B having a numerical average molar physical mass  $M_n$  of at least 400 g/mol, compounds D which contain at least two groups which can react to isocyanate groups and at least one group capable of forming anions, low molecular polyols E which do not include another group which can react to isocyanate groups, compounds G which are monofunctional in relation to isocyanates or contain active hydrogen having various types of reactivities and which are different from compounds E. The invention is characterised in that polyols B contain at least one physical mass part of 85 % in relation to polycarbonate polyols B1. The invention also relates to the use thereof in coating agents.

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