

Title (en)  
COATING COMPOSITION IN THE FORM OF A NON-AQUEOUS TRANSPARENT DISPERSION

Title (de)  
LACKZUSAMMENSETZUNG IN FORM EINER NICHT WÄSSRIGEN TRANSPARENTEN DISPERSION

Title (fr)  
COMPOSITION DE VERNIS SOUS FORME DE DISPERSION TRANSPARENTE NON AQUEUSE

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Application  
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Abstract (en)  
[origin: WO2015086796A1] The invention relates to a coating composition in the form of a non-aqueous transparent dispersion, comprising a reactive diluent, polyurethane (meth)acrylate particles, which can be obtained by reacting a polyisocyanate with a polyol and a nucleophilically functionalized (meth)acrylic acid ester in the reactive diluent in order to form polyurethane (meth)acrylate particles having a mean diameter of less than 40 nm, and an initiator. Corresponding coating compositions are distinguished by especially favorable properties in particular with regard to the adhesive strength, hardness, and microscratch resistance of said coating compositions after the curing of said coating compositions and therefore are superior to conventionally available coating product without nanoparticulate polyurethane (meth)acrylate particles in many cases.

IPC 8 full level  
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