

Title (en)
AQUEOUS POLYURETHANE-POLYACRYLATE DISPERSIONS

Title (de)
WÄSSRIGE POLYURETHAN-POLYACRYLAT-DISPERSIONEN

Title (fr)
DISPERSIONS AQUEUSES DE POLYURÉTHANE - POLYACRYLATE

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Application
EP 16719267 A 20160412

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Abstract (en)
[origin: WO2016166096A1] The present invention relates to an aqueous polyurethane-polyacrylate dispersion, obtainable by radical polymerization of a component A), comprising an ethylenically unsaturated compound, at least in the presence of a component B), comprising water and a polyurethane resin, obtainable by reaction of the following synthesis components I), comprising at least one aliphatic, cycloaliphatic, araliphatic and/or aromatic compound having at least two or more isocyanate groups, II), comprising at least one polycarbonate polyol having an average molecular weight of 500 to 3000 g/mol, III), comprising at least one anionically hydrophilizing compound which has at least one OH- or NH-functional group and comprises a carboxyl and/or carboxylate group, IV), comprising at least one polyol and/or polyamine having an average molecular weight of between ≥ 62 and ≤ 500 g/mol, and optionally V), comprising at least one or more monoalcohols and/or monoamines, the radical polymerization being initiated using a hydrophilic initiator.

IPC 8 full level
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