

Title (en)

PRODUCING AQUEOUS POLYMER DISPERSIONS WITH PROTECTIVE COLLOIDS IN THE MONOMER FEED METHOD

Title (de)

HERSTELLUNG WÄSSRIGER POLYMERDISPERSIONEN MIT SCHUTZKOLLOIDEN IM MONOMERZULAUFVERFAHREN

Title (fr)

FABRICATION DE DISPERSIONS POLYMÈRES AQUEUSES PRÉSENTANT DES COLLOÏDES PROTECTEURS, AU COURS D'UN PROCÉDÉ D'APPORT EN MASSE DE MONOMÈRES

Publication

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Application

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Abstract (en)

[origin: WO2014053410A1] A method for producing an aqueous polymer dispersion with solids content of greater than 60 percent by weight is described. A dispersed polymer is thus produced by radical emulsion polymerisation in the presence of a polymeric protective colloid. The polymer is formed from at least 80 percent by weight (meth)acrylate ester monomers and the polymeric protective colloid is formed from acid monomers and at least 10 percent by weight (meth)acrylate ester monomers and the total of (meth)acrylate ester monomers and acid monomers of the protective colloid is at least 80 percent by weight. The emulsion is polymerised in the monomer feed method, wherein the starting speed of the monomer feed is lower than the end speed. The aqueous polymer dispersions can be used as adhesives, among other things.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014053410A1

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