

Title (en)
COPOLYMERS USEFUL AS PRINTING VEHICLES

Title (de)
COPOLYMER ZUM SIEBDRUCKEN

Title (fr)
COPOLYMERES UTILES COMME MILIEU DE SUSPENSION POUR ENCRE D'IMPRESSION

Publication
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Application
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Priority

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- US 16726493 A 19931214

Abstract (en)
[origin: WO9501228A1] Provided are polymers having formula (A, B, C) wherein R<1> is an aromatic group having from 6 to 10 carbon atoms, R<3> is a fatty alkyl group having from 12 to 22 carbon atoms, and R<5> is a hardening alkyl group having from 1 to 4 carbon atoms, R<2>, R<4>, and R<6> are each independently hydrogen or methyl, and y is chosen in relation to x and z such that a film of said polymer has improved alkali resistance. Also provided is a method of coating a substrate comprising (i) contacting a surface of a substrate with an aqueous dispersion composition comprising a polymer as defined above, and (ii) drying said surface to form a film of said polymer in contact with said surface. In preferred methods, said polymer in aqueous dispersion is supplied to said surface by a hydrophilic cylindrical transfer roll. These polymers are particularly useful as the binder for an ink composition, or an overprint varnish, having good alkali resistance.

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