

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
EP 0723482 A4 19971001 (EN)

Application
EP 94920292 A 19940623

Priority

- US 9407002 W 19940623
- US 8782393 A 19930701
- 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.

IPC 1-7
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IPC 8 full level
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CPC (source: EP)
C09D 125/14 (2013.01); **C08F 220/1808** (2020.02); **C08F 220/1812** (2020.02)

Citation (search report)

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- [X] EP 0460973 A2 19911211 - NIPPON PAINT CO LTD [JP]
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- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 252 (C - 0844) 26 June 1991 (1991-06-26)
- See references of WO 9501228A1

Designated contracting state (EPC)
DE FR GB

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