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(21) International Application Number: PCT/US00/12045 (22) International Filing Date: 4 May 2000 (04.05.00) (30) Priority Data: 60/132,396 4 May 1999 (04.05.99) US (71) Applicant (for all designated States except US): EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): KUO, Thauming [US/US]; 1400 Lamar Court, Kingsport, TN 37664 (US). MCENTIRE, Edward, Enns [US/US]; 1913 Ashfield Drive, Kingsport, TN 37664 (US). FALLING, Stephen, Neal [US/US]; 522 Wakefield Court, Kingsport, TN 37663 (US). LIU, Yao-Ching [US/US]; 1302 Enchanted Lane, Longview, TX 75604 (US). SLEGEIR, William, Anthony [US/US]; 1510 Wilderness Way, Longview, TX 75604 (US). (74) Agent: MORGAN, LEWIS & BOCKIUS LLP; 1800 M Street, NW, Washington, DC 20036 (US).		(81) Designated States: BR, CN, JP, MX, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: COATING COMPOSITIONS BASED ON POLYETHER ALCOHOLS PREPARED FROM 3,4-EPOXY-1-BUTENE		
(57) Abstract EpB polyether alcohols were prepared by reacting 3,4-epoxy-1-butene with water or an alcohol such as methanol, butanol or ethylene glycol. Polyether alcohols thus prepared were found to have utility as reactive diluents for oxidatively curable coatings. In addition to this application, 3,4-epoxy-1-butene oligomers can also function as a resin, a chain extender, a monomer, and an additive for various oxidatively curable coating systems including alkyds, unsaturated polyesters, (meth)acrylate functional resins, urethanes, and latexes.		