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(75) Inventors/Applicants (*for US only*): KUO, Thauming [US/US]; 1400 Lamar Court, Kingsport, TN 37664 (US).
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



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(54) Title: OIL-FREE OXIDATIVELY CURABLE POLYESTER COMPOSITIONS

(57) Abstract: The invention relates to oil-free polyesters and carboxyl functional oligomeric adducts modified with 3,4-epoxy-1-butene to yield resins with allyl groups. These allyl functional resins were found to be oxidatively curable in the presence of metal catalysts such as cobalt and zirconium compounds. As a result, the 3,4-epoxy-1-butene modified polyesters and oligomeric adducts of the present invention have utility as binders for ambient-cured coating applications.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/us 00/12044

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08G63/91 C08G63/58 C09D167/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08G C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 859 021 A (DAICEL CHEM) 19 August 1998 (1998-08-19) page 4, line 44 - line 46; claims 1-3,6,7	1-5, 11-14
A	US 3 716 508 A (LEWIS S ET AL) 13 February 1973 (1973-02-13) abstract	1, 15
A	EP 0 217 660 A (STALEY MFG CO A E) 8 April 1987 (1987-04-08) page 5, line 40 -page 6, line 30; claim 1	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Information on patent family members

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