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| <b>(51) International Patent Classification <sup>7</sup> :</b><br><b>C07C 211/18, 211/27, 237/32, 237/24, 31/27, C09D 201/02</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 00/35854</b><br><b>(43) International Publication Date:</b> 22 June 2000 (22.06.00)                                                                                                                                                                           |
| <b>(21) International Application Number:</b> PCT/US99/29548<br><b>(22) International Filing Date:</b> 14 December 1999 (14.12.99)<br><br><b>(30) Priority Data:</b><br>60/112,289 15 December 1998 (15.12.98) US<br>09/335,196 17 June 1999 (17.06.99) US<br><br><b>(71) Applicant:</b> EASTMAN CHEMICAL COMPANY [US/US];<br>100 N. Eastman Road, P.O. Box 511, Kingsport, TN 37662-5075 (US).<br><br><b>(72) Inventors:</b> HEIDT, Philip, C.; 1121 Fiddlers Way, Kingsport, TN 37664-5470 (US). ELLIOTT, Matthew, L.; 131 Arnott Drive, Mount Carmel, TN 37645 (US).<br><br><b>(74) Agent:</b> LINDEMAN, Jeffrey, A.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US). |           | <b>(81) Designated States:</b> BR, CN, JP, MX, SG, European patent (BE, DE, ES, FR, GB, IT, LU, NL, SE).<br><br><b>Published</b><br><i>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| <b>(54) Title:</b> CROSSLINKERS BASED ON DIBENZALACETONE DERIVATIVES<br><br><b>(57) Abstract</b><br><br>The present invention relates to the composition, process of preparation, and use of novel derivatives prepared from 1,5-bis-(4'-carbomethoxyphenyl)-1,4-pentadien-3-one. These novel compositions can act as crosslinkers with polyfunctional monomeric, oligomeric, and/or polymeric anhydrides, esters, carboxylic acids, isocyanates, epoxies, carbonates, acetoacetates, and alkoxylated melamines.                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                   |