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(54) Title: METHOD FOR OBTAINING COATING COMPOSITIONS HAVING REDUCED VOC

(57) Abstract: Disclosed is a method of making reduced VOC polymers and coating compositions containing polymers. Provided is a mixture (I) comprising a reactant mixture (a) of polymerizable components and a nonvolatile solvent (bnv) that (i) is not a crystalline solid at 25°C, (ii) is nonvolatile, (iii) comprises at least one functional group (F1) and (iv) is a fluid solid. Reactant mixture (a) is polymerized to provide a polymer (a'). At least one functional group (F1) of nonvolatile solvent (bnv) is reacted with one or more reactants (e) to obtain a nonvolatile solvent (b'nv) comprising at least two functional groups (F2). Obtained is a mixture (II) comprising polymer (a') in nonvolatile solvent (b'nv) comprising at least two functional groups (F2). The at least one functional group (F1) is substantially nonreactive: (1) with the components of reactive mixture (a), (2) under the polymerization conditions which polymerize reactant mixture (a), and (3) with polymer (a').



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

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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)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 003 868 A (SMITH ET AL) 18 January 1977 (1977-01-18) the whole document	30-46
X	US 4 126 527 A (KAUFMAN ET AL) 21 November 1978 (1978-11-21) the whole document	30-46

☐ 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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