Abstract

PRODUCT CONTAINING MONOMER AND POLYMERS OF TITANYLS AND METHODS FOR MAKING SAME

A compound of Formula (II) and (III), or a mixture of any two or more thereof; wherein M is Ti or Zr; R^3 at each occurrence is H, F, Cl, Br, I, CN, OR^4, NR^5R^6, substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, unsubstituted heterocyclyl, or substituted or unsubstituted heterocyclylalkyl; R^4 is H, substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkylalkyl, unsubstituted heterocyclyl, or substituted or unsubstituted heterocyclylalkyl; R^5 and R^6 are independently H, substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocyclylalkyl, or R^5 and R^6 may join to form a heterocyclic ring containing the N to which they are attached; and n' = 0-4. Such compounds form optically transparent and/or clear films or particles or may be used to prepare such materials.

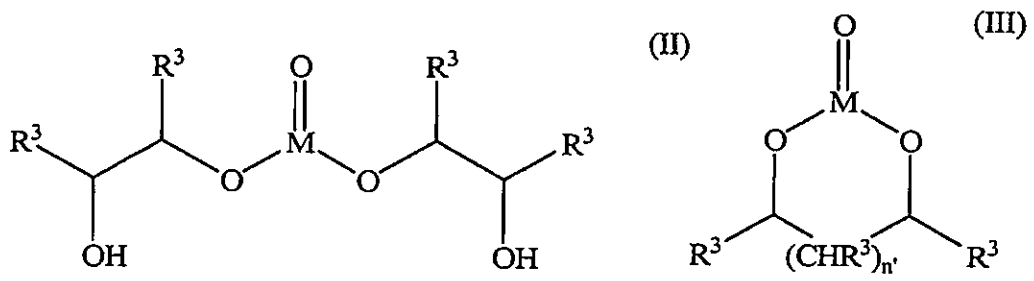


Figure 1