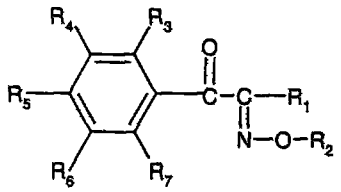
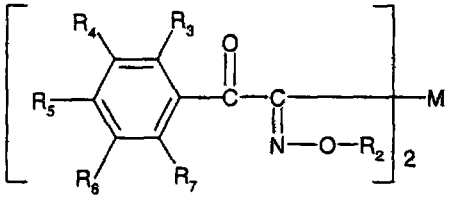
Abstract

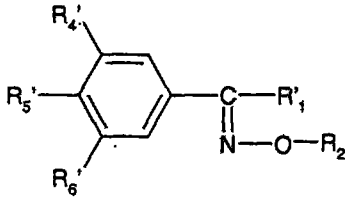
Oximeester compounds of the formulae I, II, III and IV



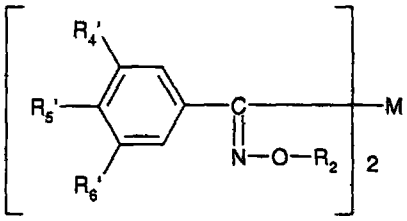
(I)



(II)



(III)



(IV), wherein

R_1 is phenyl, C_1-C_{20}alkyl or C_2-C_{20}alkyl optionally interrupted by -O- , C_2-C_{20}alkanoyl or benzoyl, or R_1 is C_2-C_{12}alkoxycarbonyl or phenoxycarbonyl; R_1' is C_2-C_{12}alkoxycarbonyl, or R_1' is phenoxycarbonyl, or R_1' is -$CONR_{10}R_{11}$ or CN; R_2 is C_2-C_{12}alkanoyl, C_4-C_6alkenoyl, benzoyl, C_2-C_6alkoxycarbonyl or phenoxycarbonyl; R_3, R_4, R_5, R_6 and R_7 are hydrogen, halogen, C_1-C_{12}alkyl, cyclopentyl, cyclohexyl, phenyl, benzyl, benzoyl, C_2-C_{12}alkanoyl, C_2-C_{12}alkoxycarbonyl, phenoxycarbonyl or a group OR_8, SR_9, SOR_9, SO_2R_9 or $NR_{10}R_{11}$; R_4', R_5' and R_6' are hydrogen, halogen, C_1-C_{12}alkyl, cyclopentyl, cyclohexyl, phenyl, benzyl, benzoyl, C_2-C_{12}-alkanoyl, C_2-C_{12}alkoxycarbonyl, phenoxycarbonyl, or are a group OR_8, SR_9, SOR_9, SO_2R_9, $NR_{10}R_{11}$; provided that at least one of R_3, R_4, R_5, R_6, R_7, R'_4, R'_5 and R'_6 is OR_8, SR_9 or $NR_{10}R_{11}$; R_8, R_9, R_{10} and R_{11} are for example hydrogen, C_1-C_{12}alkyl, phenyl; are suitable as initiators for the photopolymerization of radically polymerizable compounds.

This Sheet Has Been Replaced

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