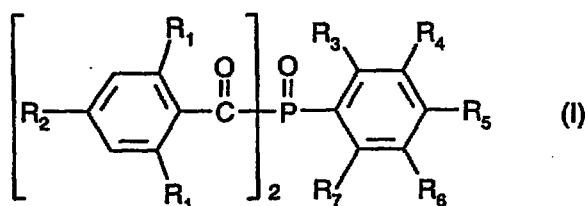


Abstract

Alkylphenylbisacylphosphine oxides and photoinitiator mixtures

Compounds of the formula I



in which R_1 is C_1 - C_4 alkyl, R_2 is hydrogen, C_1 - C_4 alkyl or C_1 - C_4 alkoxy and R_3 , R_4 , R_5 , R_6 and R_7 independently of one another are hydrogen, halogen, C_1 - C_{20} alkyl, cyclopentyl, cyclohexyl, C_2 - C_{12} alkenyl, C_2 - C_{18} alkyl which is interrupted by one or more oxygen atoms, or are phenyl-substituted C_1 - C_4 alkyl, or are phenyl which is unsubstituted or is mono- or disubstituted by C_1 - C_4 alkyl and/or C_1 - C_4 alkoxy, with the provisos that at least one of the radicals R_3 , R_4 , R_5 , R_6 and R_7 is other than hydrogen and that, if R_1 and R_2 are methyl, R_3 and R_6 are not methyl, and mixtures of such compounds with α -hydroxy ketones, benzophenones and α -amino ketones, are suitable as photoinitiators.