

- [54] **NEW PHOTOPOLYMERS**
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- [58] **Field of Search**..... **260/47 UA, 47 CZ, 78.4 A,**
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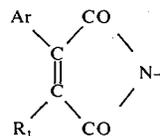
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[57] **ABSTRACT**

Novel photopolymers having as photocrosslinking radicals α -substituted maleimido groups of the formula:



wherein Ar stands for a cyclic group of aromaticity and R₁ for a hydrogen atom or cyano group. These photopolymers can be produced by introducing the α -substituted maleimido groups into a backbone molecular chain of a linear polymer or copolymer according to a reaction known per se, such as amidation, imidation, esterification, quaternization or nuclear substitution.

14 Claims, No Drawings