

# United States Patent [19]

Inskip et al.

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[54] **INHIBITING POLYMERIZATION OF ETHYLENICALLY UNSATURATED MONOMERS**

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[51] Int. Cl.<sup>4</sup> ..... **C07C 67/62; C07C 51/50**

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[58] Field of Search ..... **585/5; 560/4; 562/489, 562/490, 491, 492, 496, 595, 598**

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[57] **ABSTRACT**

Disclosed is a process for inhibiting polymerization of polymerizable ethylenically unsaturated monomers such as hydrocarbons, acids and esters, wherein a cobalt (III), nickel (II) or manganese (II) complex of N-nitrosophenylhydroxylamine is employed. A composition including a polymerizable ethylenically unsaturated monomer and the complex is also disclosed. In a preferred embodiment, polymerization of an acrylic acid or an acrylate ester is inhibited.

**25 Claims, No Drawings**