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[54] **ANTIOXIDANT COMPOSITIONS AND METHODS FOR AMELIORATING INFLAMMATORY SYMPTOMS OF RESPIRATORY DISEASE**

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[52] **U.S. Cl.** **514/458;** 514/474; 514/494; 514/559; 514/562

[58] **Field of Search** 514/562, 458, 494, 559, 514/474

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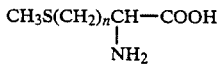
[57] **ABSTRACT**

This invention concerns novel dietary or therapeutic antioxidant compositions containing as the active agent the amino acid methionine, and/or one or more related compounds including certain metabolic precursor compounds, and novel methods employing the compositions for inhibiting inflammatory symptoms of respiratory disease. The compounds include the methionine hydroxy analog, the S-methyl methionine analog, and methionine compounds having the structural formula I



I

dl- or d- form

and pharmaceutically acceptable N- (mono- and dicarboxylic acid) acyl derivatives and alkyl esters thereof, where n is an integer from 1 to 3.

10 Claims, No Drawings