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United States Patent [19]

Martin

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[54] **IMMUNOSTIMULATING WOUND HEALING COMPOSITIONS AND METHOD FOR PREPARING AND USING SAME**

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 53,922, Apr. 26, 1993, abandoned, which is a continuation of Ser. No. 663,500, Mar. 1, 1991, abandoned.

[51] **Int. Cl.**[6] **A61K 31/045**; A61K 31/34; A61K 31/195; A61K 9/50

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[58] **Field of Search** ..... 514/724, 725, 514/774, 784, 461, 561, 562, 567; 424/502, DIG. 13

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[57] **ABSTRACT**

This invention pertains to therapeutic immunostimulating-wound healing compositions. The compositions comprise a therapeutically effective amount of an immunostimulating agent and a wound healing composition. In one embodiment the wound healing composition comprises (a) pyruvate; (b) an antioxidant; and (c) a mixture of saturated and unsaturated fatty acids. The therapeutic immunostimulating-wound healing compositions may be utilized in a wide variety of pharmaceutical products. This invention also relates to methods for preparing and using the therapeutic immunostimulating-wound healing compositions and the pharmaceutical products in which the compositions may be used.

19 Claims, 17 Drawing Sheets