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[54] **COSMETIC COMPOSITIONS CONTAINING LACTATE DEHYDROGENASE INHIBITORS**

[75] Inventors: **John Brian Bartolone**, Bridgeport, Conn.; **Christine Marie Penksa**, Westwood, N.J.; **Uma Santhanam**, Tenafly, N.J.; **Brian David Lang**, North Bergen, N.J.

[73] Assignee: **Chesebrough-Pond's USA Co., Division of Conopco**, Greenwich, Conn.

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[52] **U.S. Cl.** **424/401**; 514/557

[58] **Field of Search** 424/401; 514/557, 514/784, 844, 847, 859, 937, 938, 943

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Primary Examiner—Robert H. Harrison
Attorney, Agent, or Firm—Rimma Mitelman

[57] **ABSTRACT**

Inhibitors of lactate dehydrogenase stimulate keratinocyte proliferation and collagen synthesis in cutaneous tissues. The inhibitors are used preferably with certain co-active ingredients such as pyruvic acid, acetic acid, acetoacetic acid, β-hydroxybutyric acid, a Krebs cycle pathway metabolite, an aliphatic saturated or an unsaturated fatty acid containing from 8 to 26 carbon atoms, an ω-hydroxy acid containing from 22 to 34 carbon atoms, glutamic acid, glutamine, valine, alanine, leucine, and mixtures thereof.

16 Claims, No Drawings