

[54] **ISOELECTRIC FOCUSING AND FRACTIONATION AMPHOLYTES IN THERMALLY ENGENDERED PH GRADIENTS**

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[72] Inventors: **Stephen J. Luner, Sherman Oaks; Alexander Kolin, Bel Air, both of Calif.**

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[73] Assignee: **Regents of the University of California, Berkeley, Calif.**

Primary Examiner—John H. Mack
Assistant Examiner—A. C. Prescott
Attorney—Jessup & Beecher

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[57] **ABSTRACT**

A method is provided for converting extended volumes of mixtures of proteins, or other ampholytes, into an isoelectric spectrum, or sorting pattern, of sharp narrow ampholyte zones located at points of a pH gradient corresponding to the isoelectric pH value of the individual ampholytes. A temperature gradient is established in an electrophoretic buffer column, and the temperature gradient provides a stable pH gradient which can be easily controlled by variations of the temperature limits, and which remains stable when an electric current is passed through the buffer column.

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[58] Field of Search**204/299, 180, 198**

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19 Claims, 1 Drawing Figure

