United States Patent [19]

Tsang et al.

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[54] **SUSTAINED RELEASE OF ENCAPSULATED MOLECULES**

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[52] **U.S. Cl.** **264/4.3**; 264/4.32; 264/4.33; 424/424; 424/455; 424/457; 424/493; 424/497; 435/178; 514/963

[58] **Field of Search** 264/4.3, 4.32, 4.33; 424/424, 455, 457, 493, 497; 435/178; 514/963

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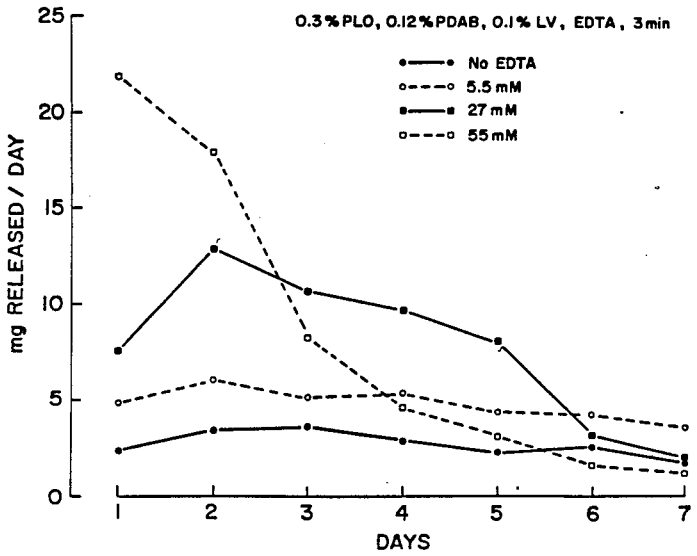
[57] **ABSTRACT**

A method for sustained release of molecules from gels or microcapsules has been developed. The method is based on controlling the gel state using chelating agents or ion transfer. The method is particularly useful for controlling the rate of release of insolubilized proteins into physiological solutions.

13 Claims, 2 Drawing Sheets