

[54] ENZYME IMMOBILIZATION WITH A THERMOCHEMICAL-PHOTO-CHEMICAL BIFUNCTIONAL AGENT

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[51] Int. Cl.<sup>2</sup> ..... C07G 7/02

[58] Field of Search ..... 195/63, 68, DIG. 11; 260/112; 424/94; 96/91 R

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[57] ABSTRACT

Enzymes are immobilized by thermochemically attaching to a solid support material a bifunctional agent initially possessing thermochemical-photochemical functional substituents followed by photochemically activating the bifunctional agent and covalently bonding an enzyme thereto. Preferred bifunctional agents are arylazides which allow activation by visible light.

22 Claims, No Drawings