

[54] METHOD FOR IMMOBILIZING ENZYMES AND MICROBIAL CELLS

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Table with 4 columns: Patent No., Date, Inventor, and Reference No.
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[57] ABSTRACT

A method for immobilizing enzymes or microbial cells which comprises the steps of uniformly mixing an aqueous dispersion of enzymes or microbial cells with a photo-curable resin having a number average molecular weight of 800 to 100,000, two or more photopolymerizable ethylenically unsaturated groups per molecule and hydrophilic groups, and irradiating actinic rays to the above mixture of photo-curable resin and enzymes or microbial cells. The immobilized product is advantageously used in various enzymatic reactions with stable enzyme activity.

10 Claims, No Drawings