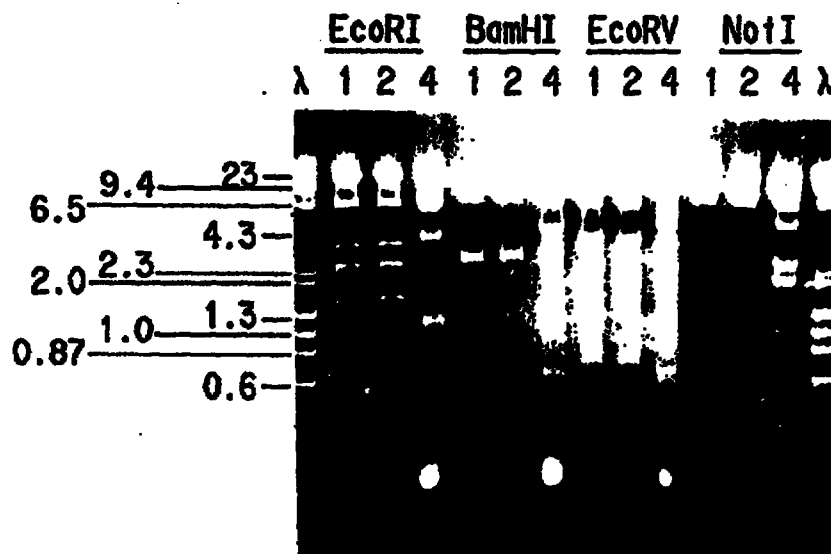


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(54) Title: BIOCONVERSION OF A FERMENTABLE CARBON SOURCE TO 1,3-PROPANEDIOL BY A SINGLE MICROORGANISM



(57) Abstract

A process is provided for the bioconversion of a carbon substrate to 1,3-propanediol by a single organism utilizing microorganisms containing the genes encoding for an active glycerol or diol dehydratase enzyme by contacting these organisms with a carbon substrate under the appropriate fermentation conditions.