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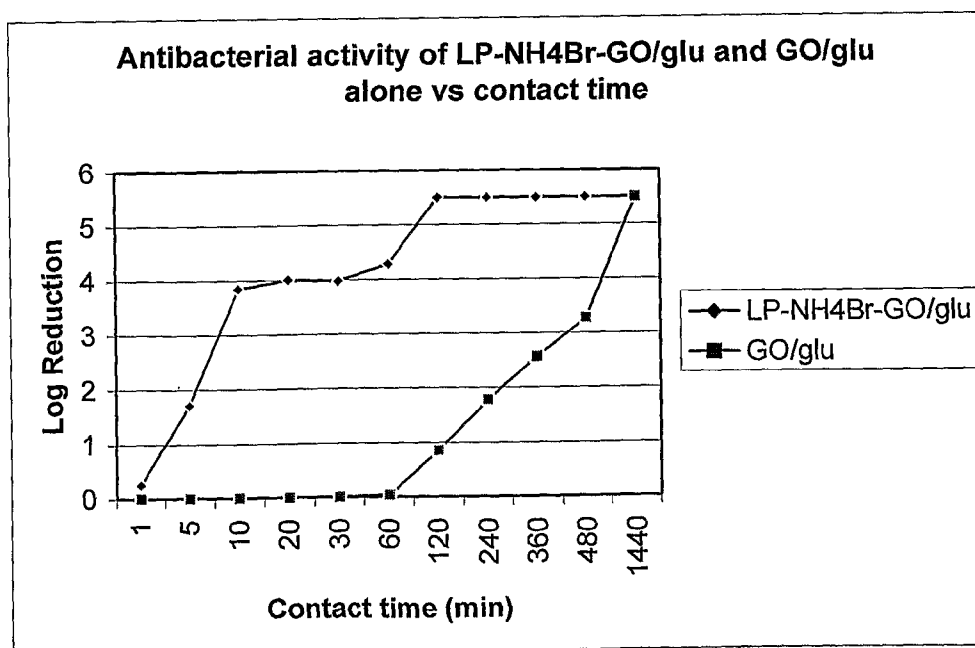
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(54) Title: METHOD AND COMPOSITION TO CONTROL THE GROWTH OF MICROORGANISMS IN AQUEOUS SYSTEMS AND ON SUBSTRATES



(57) Abstract: A method and composition for killing, preventing, or inhibiting the growth of microorganisms in an aqueous system or on a substrate capable of supporting a growth of microorganisms are provided by providing a lactoperoxidase, hydrogen peroxide or a peroxide source, a halide, other than a chloride, or a thiocyanate, and, optionally, an ammonium source, under conditions in which the lactoperoxidase, peroxide from the hydrogen peroxide or peroxidase source, halide or thiocyanate and ammonium from the ammonium source interact to provide an antimicrobial agent to the aqueous system or substrate.



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