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(54) **BIOREACTOR METHOD, APPARATUS AND PRODUCT THEREBY**

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(58) **Field of Search** ..... 435/41, 132, 170, 435/183, 262.5; 422/1, 5, 28, 32, 37, 119, 261, 305

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(57) **ABSTRACT**

Methyl halide contaminants are oxidized in a reaction chamber containing a methylotrophic bacterium through direct oxidation of the methyl halide contaminant. Methyl halides may be used as a disinfectant, with the remnant methyl halide contaminant oxidized through direct oxidation by the methylotrophic bacterium.

**15 Claims, 9 Drawing Sheets**