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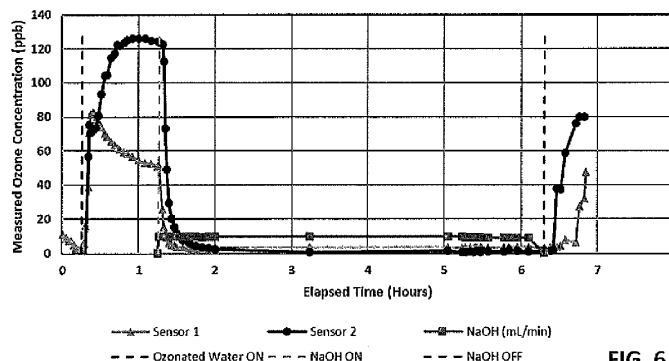


FIG. 6

(57) Abstract: A method including directing an aqueous solution having dissolved carbon dioxide and dissolved ozone into a vessel, removing an amount of the dissolved carbon dioxide and irradiating the effluent with ultraviolet light to decompose an amount of the dissolved ozone is disclosed. The method may include removing the dissolved carbon dioxide by controlling pH. The method may include removing the dissolved carbon dioxide by contact with a membrane degasifier. A system including a channel fluidly connectable to a source of an aqueous solution having dissolved carbon dioxide and dissolved ozone, a dissolved carbon dioxide removal subsystem, and a source of ultraviolet irradiation is also disclosed. The dissolved carbon dioxide removal subsystem may include a source of a pH adjuster. The dissolved carbon dioxide removal subsystem may include a membrane degasifier.



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