

Title (en)

VIRAL INACTIVATION PROCESS USING ANTIOXIDANT

Title (de)

METHODE ZUR INAKTIVIERUNG VON VIRIEN MITTELS ANTIOXIDANTIEN

Title (fr)

PROCEDE D'INACTIVATION VIRALE UTILISANT UN ANTIOXYDANT

Publication

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Application

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Abstract (en)

[origin: WO02096471A2] Methods and apparatuses are provided for inactivation of microorganisms in fluids or on surfaces. Preferably the fluids contain blood or blood products and comprise biologically active proteins. Preferred methods for inactivation of microorganisms include the steps of adding an effective, non-toxic amount of an endogenous photosensitizer and a quencher to a fluid and exposing the fluid to photoradiation sufficient to active the endogenous photosensitizer whereby microorganisms are inactivated. The quencher reduces side reactions generated by a photosensitizer and light that can damage desired biological components.

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