

Title (en)

Method of and apparatus for sterilizing food packaging material

Title (de)

Verfahren und Vorrichtung zum Sterilisieren von Verpackungsmaterial für Lebensmittel

Title (fr)

Procédé et dispositif de stérilisation de matériau d'emballage pour produits alimentaires

Publication

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Application

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Priority

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Abstract (en)

A sterilizing apparatus capable of sterilizing within a processing time corresponding to a line speed of a packing and packaging machine, as well as capable of preventing odoriferosity, deterioration of seal strength and scorching on printed surfaces caused by the irradiation of high power pulses under a high light emission energy in a case of applying a sterilizing method by using high power pulses from xenon lamps to the food packaging material is provided, wherein the apparatus comprises a means for depositing a liquid having an antibacterial function such as aqueous hydrogen peroxide at a low concentration to the food packaging material by spraying or immersion and a means for irradiating high power pulses using the xenon lamps to the food packaging material deposited with the liquid having the antibacterial effect. <IMAGE>

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