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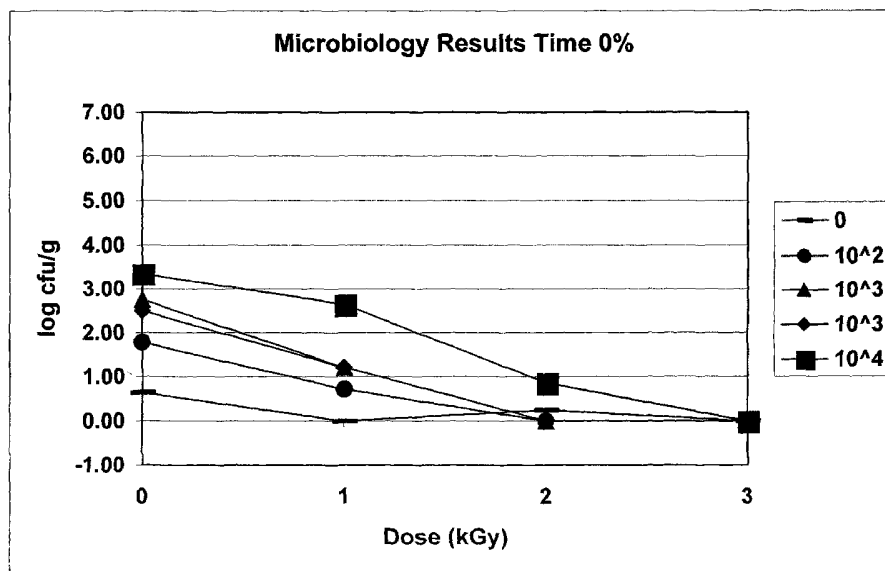
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(54) Title: METHOD AND SYSTEM FOR REDUCING MICROBIAL BURDEN ON A FOOD PRODUCT BY APPLICATION OF ANTIMICROBIAL AGENT AND IRRADIATION TO THE FOOD PRODUCT



(57) Abstract: The present invention relates to a method and system for reducing microbial burden on a food product. The method includes contacting the food product with an antimicrobial agent and irradiating the food product. The system includes an applicator adapted and configured for contacting a food product with an antimicrobial agent and an irradiator adapted and configured for irradiating a food product. The antimicrobial agent can be a peroxycarboxylic acid.



WO 02/060280 A3



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

International Application No

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L3/26 A23L2/50 A23L3/34 C07C409/00 C01B15/00  
A23B9/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, FSTA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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