METHOD FOR ULTRA HIGH PRESSURE INACTIVATION OF MICROORGANISMS IN JUICE PRODUCTS

Methods for preparing juices having an extended shelf-life without the need for pasteurization are disclosed. Such methods employ ultra high pressure (UHP) to substantially inactivate microorganisms associated with juices. The resulting juice products retain many of the preferred fresh juice characteristics such as taste, nutrition, texture and color, characteristics that may be destroyed or diminished by thermal processing or pasteurization.
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A23L2/42 A23L3/015

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)

IPC 6 A23L

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<td>CHEFTEL J -C: &quot;EFFECTS OF HIGH HYDROSTATIC PRESSURE ON FOOD CONSTITUENTS: AN OVERVIEW&quot; JOURNAL OF CELLULAR BIOCHEMISTRY - SUPPLEMENT, pages 195-209, XP000600625 ISSN: 0730-2312 page 199, paragraph 9 - page 202, paragraph 3</td>
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Further documents are listed in the continuation of box C.

Date of the actual completion of the international search: 15 July 1999

Date of mailing of the international search report: 28/07/1999

Name and mailing address of the ISA

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Van Moer, A

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| X        | US 5 165 325 A (AKATSU MAKOTO)  
column 1, line 8-10  
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21-23,  
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| X        | PATENT ABSTRACTS OF JAPAN  
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-& JP 05 076329 A (SHOKUHIN SANGYO  
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30 March 1993 (1993-03-30)  
abstract | 1-3, 5,  
11-13, 15 |
| A        | WO 97 38591 A (UNILEVER PLC ; UNILEVER NV (NL)) 23 October 1997 (1997-10-23)  
claims | 1-32 |
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CARL (SE); WESTERLUND JAN (SE))  
29 September 1994 (1994-09-29)  
claims | 1-32 |
| E        | EP 0 894 440 A (COCA COLA CO)  
3 February 1999 (1999-02-03)  
column 3, line 9-13  
column 8, line 56-58  
column 3, paragraph 55 - column 4,  
paragraph 7; claims | 1-32 |
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