



(88) Date of publication of the international search report:

12 October 2006

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.

PCT/US06/04840

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61L 2/00(2006.01);A23L 2/46(2006.01)

USPC: 422/24,28,31;426/392,394,408

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)

U.S. : 422/24, 28, 31; 426/392, 394, 408

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,094,887 A (SWANK et al.) 01 August 2000 (01.08.2000), see abstract; figures 1-4;	21-23
—	col. 2, lines 34-67; col. 3, line 34 to col. 4, line 67; col. 5, lines 1-48.	IS -----
Y		24
Y	US 2002/0085971 A1 (RANIWALA) 04 July 2002 (04.07.2002), see paragraph [0007].	IC . 24
A	US 3,899,862 (MUYS et al.) 19 August 1975 (19.08.1975), see entire document.	1-39
A	US 6,209,591 B1 (TAGGART) 03 April 2001 (03.04.2001), see entire document.	1-39
A	US 2002/0083682 (EDWARDS et al.) 04 July 2002 (04.07.2002), see entire document.	1-39
A	US 5,843,374 A (SIZER et al.) 01 December 1998 (01.12.1998), see entire document.	C 1-39

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 July 2006 (19.07.2006)

Date of mailing of the international search report

15 AUG 2006

Name and mailing address of the ISA/US

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INTERNATIONAL SEARCH REPORTInternational application No.
PCT/US06/04840**C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,537,492 B1 (SOGAARD) 25 March 2003 (25.03.2003), see entire document.	1-39

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/04840

Continuation of B. FIELDS SEARCHED Item 3:

East Patent Database

Search terms: hydrogen peroxide, sterilize, decontaminate, bottle, package, container, alkaline, sodium hydroxide, potassium hydroxide, ferrous sulfate, pH, temperature, rinse, disinfect, react, hydroxyl radicals.