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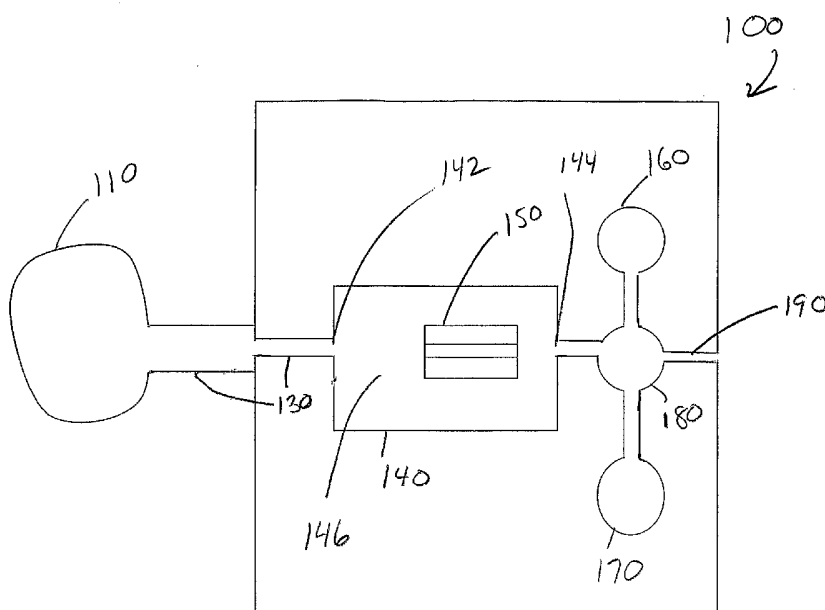
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[Continued on next page]

(54) Title: METHODS AND DEVICES FOR DISPENSING A POTABLE PRODUCT LIQUID



(57) Abstract: An apparatus subjects water to waves from an RF plasma. This allows continuous production of "activated water" characterized by cluster sizes below about 4 molecules per cluster, substantially bacteria free water and controlled pH. The basic frequency of the plasma is preferably between 0.44 MHz and 40.68 MHz, and the plasma is preferably modulated at a frequency between 10 kHz and 35 kHz. Flow rates typically range from 20 l/hr to about 2000 l/hr. Activated water can be used for many purposes, including antimicrobial treatment of drinking water, antimicrobial cleaning of worktables, floors, walls, knives, and other surfaces, for example, in meat processing facilities and hospitals.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,651,887 A (POSNER et al.) 29 July 1997, col. 3, lines 46-56 and col. 4, lines 4-16.	11
Y	US 6,453,799 B1 (KOWN) 24 September 2002, abstract, Fig. 4, col. 6, lines 31-60 and col. 7, lines 39-50.	1-20
Y	US 6,609,687 B1 (LESKI) 26 August 2003, col. 2, lines 6-45.	7-9 and 19
Y	WO 02/058449 A2 (HYDRO ENTERPRISES) 1 august 2002, page 5, lines 1-5 and last paragraph of page 4.	1-6, 10 and 12

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

☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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