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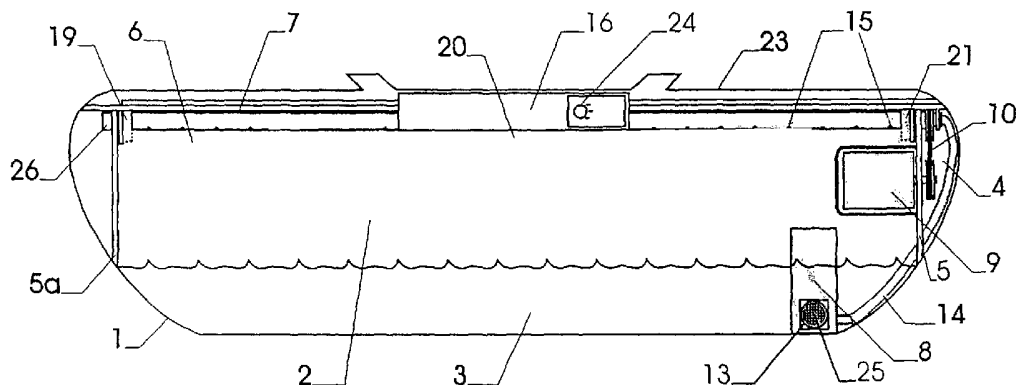
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(54) Title: LOW PRESSURE AEROPONIC GROWING APPARATUS



(57) Abstract: An aeroponic growing apparatus (1) is provided which comprises a novel low pressure liquid nutrient delivery system utilizing a rotating cylinder device (7). The rotating cylinder device (7) distributes liquid nutrient solution (3) to the roots of plants by use of centrifugal forces, thereby eliminating the need for a high pressure pump and nozzles.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/29625

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01G 31/00

US CL : 47/62A

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. : 47/62A, 59, 62R, 62N; 239/222.11, 223, 548, 566, 263.1, 214; 222/410

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 6,021,602 A (Orsi) 08 February 2000 (08.02.2000), entire patent	1-11
Y	US 3,026,046 A (Wickham et al) 20 March 1962 (20.03.1962) entire patent	1-11
A	US 4,514,930 A (Schorr et al) 07 May 1985 (07.05.1985) entire patent	1-11
A	US 5,248,092 A (Rankin) 28 September 1993 (28.09.1993) entire patent	1-11
A	US 3,882,634 A (Dedolph) 13 May 1975 (13.05.1975) entire patent	1-11



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See patent family annex.

* Special categories of cited documents:	
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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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