



US005136804A

United States Patent [19]

[11] Patent Number: **5,136,804**

Rothem et al.

[45] Date of Patent: **Aug. 11, 1992**

[54] **SYSTEM FOR GERMINATION, PROPAGATION AND GROWING PLANTS IN ULTRASONIC-FOG CONDITIONS (AEROPONICS)**

[56] **References Cited**

U.S. PATENT DOCUMENTS

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[57] **ABSTRACT**

An apparatus for aeroponically growing plants, having a housing including a partition defining an upper compartment and a lower compartment, the partition including means of supporting a plurality of plants. The apparatus comprises a fog generator including a container for receiving a quantity of water, and a ultrasonic transducer located within the container to be immersed in the water when received therein, and thereby to generate a fog in the upper end of the container. Also having conduit means to direct the generated fog to the compartments of the housing.

[21] Appl. No.: **327,616**

[22] Filed: **Mar. 23, 1989**

[30] **Foreign Application Priority Data**

Oct. 20, 1988 [IL] Israel 088105

[51] Int. Cl.⁵ **A01G 25/00**

[52] U.S. Cl. **47/60; 47/59**

[58] Field of Search **47/59, 60, 62, 63, 64, 47/79, 80, 82, 83, 14-16, 1.3; 239/102.1, 102.2**

13 Claims, 1 Drawing Sheet

