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Gonzalez(10) **Pub. No.: US 2002/0175116 A1**(43) **Pub. Date: Nov. 28, 2002**(54) **SYMBIOTIC RESIDUAL WATER
TREATMENT STATION****Publication Classification**(76) **Inventor: Luis Javier Fabregas Gonzalez, (US)**(51) **Int. Cl.⁷ C02F 3/32**(52) **U.S. Cl. 210/170**

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(21) **Appl. No.: 10/197,410**(22) **Filed: Jul. 18, 2002****Related U.S. Application Data**(63) **Continuation of application No. PCT/ES00/00942,**
filed on Dec. 27, 2000.(30) **Foreign Application Priority Data****Jan. 19, 2000 (ES) P200000186**(57) **ABSTRACT**

Symbiotic sewage water treatment plant that develops a depuration proceeding of sewage water from a primary or secondary treatment process in intimate association with sport yards, public gardens, leisure or green areas, agricultural plantations.

The present invention allows improvement of sewage waters quality until proper values of tertiary use by means of the economical resources generated by creation of green areas that do not require supplementary water supply, developing on the green covers planted over the layers of a treatment plant of the kind filtration-percolation.

This depuration procedure is operated by underground water supply to the percolation layers, increasing the treatment efficiency (less water lost because of evaporation), allowing use of green areas during they're irrigation avoiding direct contact of sewage waters with they're end users.

