SYSTEM AND PROCEDURE FOR THE CULTIVATION OF OCTOPUS

Description:

Although it is known of systems for the cultivation of octopuses (Octopus vulgaris) in tanks on land, in particular referring to the fattening phase (growing phase from juvenile to adult), the results obtained to date by means of said systems are not fully satisfactory. It is desirable to design systems that, in combination with non-technical aspects, improve the productivity of said crops. The present invention refers to a system for the cultivation of octopuses, particularly referring to the fattening phase (juvenile cultivation phase, with a size less than one kilogram, to adults that can achieve a weight of 3 kilograms or more), which comprises a tank preferably circular of large dimensions and optimal design where shelter modules are located, a hydraulic water recirculation system, a water oxygenation system, and a structure or upper cover to regulate the light and water temperature. The invention also refers to the procedure for the cultivation of octopuses in said system, where among others, an adequate and controlled management of the feeding of the animals, and of the maintenance and cleaning of the system is defined.

Keywords:
Feeding, Aquaculture, Octopus, Culture Tank

Sectors:
Biotechnology, Agri-food, Fisheries, Agriculture and Marine Resourcesrces

Areas:
Food, Marine and Aquaculture, Technological Improvements, Procedures

Advantages:

A constant and quality growth of the octopus in culture is obtained thanks to the fact that the high energy conversion that the animals obtain from said feeding is mainly destined to their growth avoiding its wastage, for example, in the search for food even when they maintain an interaction territorial with other octopuses.

Uses and Applications:

The present invention belongs to the aquaculture sector. In particular, the present invention relates to a system for the cultivation of octopuses as well as to the corresponding cultivation method in said system.

Patent Number: ES2646753B1
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Filing Date: 13/06/2016
Protection Level: National (Spain)
Processing Status: Spanish patent