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(54) **Title: DEVICE AND SYSTEM FOR TREATMENT OF FISH**

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DEVICE AND SYSTEM FOR TREATMENT OF FISH

Field of the invention

The present invention relates to a device at a fish farm net cage to treat or vaccinate farmed fish against parasites and disease, where the device comprises a tank with a treatment agent in which the fish shall be treated and where the tank comprises a conveyor mechanism for the fish in the tank. The invention also relates to a method for continuous treatment of farmed fish in an aqueous environment in such a device and a system comprising such a device.

10 Background of the invention

Fish farming is more and more common and today makes up a large and important industry. Attacks of disease and/or parasites lead to large economic losses and also a considerable suffering for the fish.

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The description of the invention given below is exemplified with the farming of salmon and with salmon lice as the damaging parasite as this currently represents a considerable challenge for the fish farming industry in Norway, but the invention comprises all forms of bath treatment of fish.

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During a disease attack, and in particular infectious diseases, it is common to treat the farmed fish with medication to fight the disease. The medication can be administered to the fish in several different ways, where the most common for farmed fish is injection of the medicine directly into the fish, oral administration of the medicine as an additive to the feed that is given to the fish, or that the medication is added to the aqueous environment (bath treatment) in which the organisms live.

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One aim of the present invention is to provide a device, method and system to be able to administer treatment agents to farmed fish at the fish farm installation. The agents are administered to an aqueous environment through which the fish is led.

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In addition to the device and the methods according to the invention being used to treat a disease for farmed fish, the device can alternatively be used to give a preventative effect, such as that different vaccines are administered (dip vaccination),

