

Title (en)

TRIPLE DRAIN APPARATUS FOR AN AQUACULTURE RECIRCULATION SYSTEM

Title (de)

DREIFACHABFLUSS FÜR AQUAKULTURKREISLAUFSYSTEM

Title (fr)

APPAREIL D'ÉVACUATION TRIPLE POUR UN SYSTÈME DE RE-CIRCULATION D'AQUACULTURE

Publication

EP 2442639 A1 20120425 (EN)

Application

EP 09845957 A 20090617

Priority

CA 2009000844 W 20090617

Abstract (en)

[origin: WO2010144990A1] Triple drain apparatus for an aquaculture system tank for reducing water input requirements and minimizing breakdown of solids whereby the solids are larger and more concentrated when removed from a solids settling device. Water flow is split by the apparatus into a side box fluid stream which flows into a side box coupled to the tank, and both a clean fluid stream and a high solids fluid stream which flow into a center drain. The center drain comprises a central stand pipe coupled to a clean water outlet, a sump coupled to a high solids fluid outlet and a collection plate separating the tank and the sump. The center drain may include a mortality trap coupled to a mortality outlet and the sump, whereby the collection plate separates the mortality trap from the sump, to provide means for easily removing dead fishes and large debris from the tank.

IPC 8 full level

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CPC (source: EP US)

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