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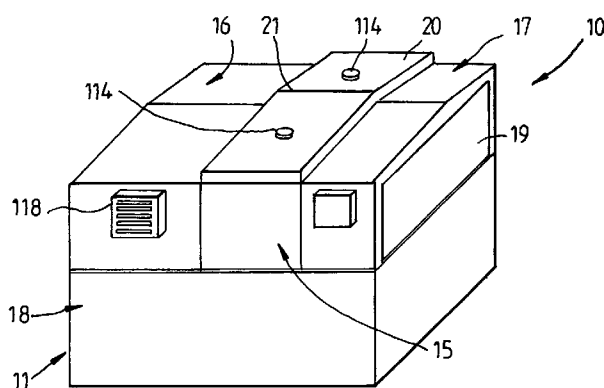
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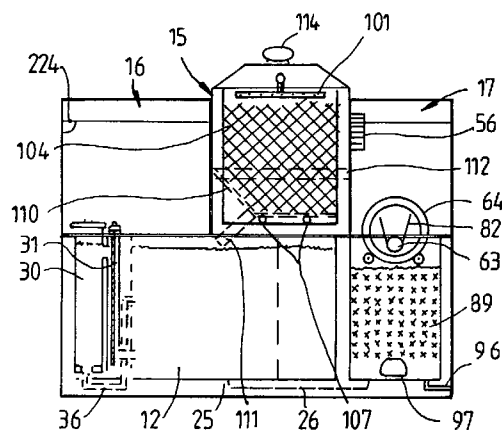
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(54) Title: AN AQUACULTURE SYSTEM



(57) Abstract: A self-contained aquaculture system (10) comprising a modular building (11) defining a first main chamber (12) for containing fish or marine invertebrates, a second swirl chamber (13) comprising a primary filter communicating with the main chamber (12) for removing solids from the main chamber (12), a drum filter (64) for receiving and filtering water from the swirl chamber (13), a third biological filter chamber (14) beneath the drum filter (64) for receiving water therefrom and a biological filter tank (15). Water is pumped from the third chamber (14) to the biological filter tank (15) for circulation back to the main chamber (12). The building (11) defines an enclosed space over the chambers (12, 13, 14), the temperature of which is controlled by an air-conditioning unit (118). A foam fractionator (30), ultraviolet unit (31) and ozone generator (32) are used for treating the water in the main chamber (12).



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