ABSTRACT

BUOYANT SEALED WAVE ENERGY CONVERSION SYSTEM WITH LINEAR GENERATORS

A wave energy conversion system having at least one buoyant sealed enclosure, each enclosure containing at least one ram weight and linear electric generator assembly for generating electricity. The actuating motion on the translator shaft of the linear generator is created as the ram weight is moved by gravity in a linear forward and backward motion along a fixed axis inside the buoyant sealed enclosure as the buoyant sealed enclosure sways with the river, sea or ocean waves.

For an application of the present invention, please refer to **Fig. 1B**.

162162

G00001