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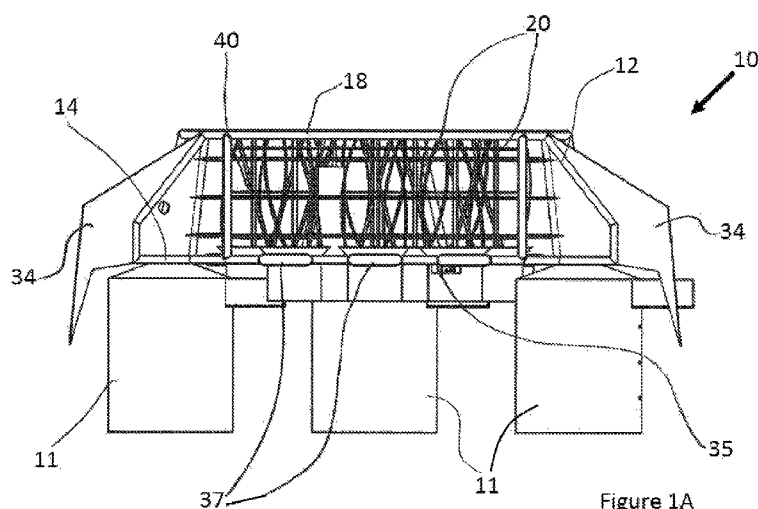


Figure 1A

(57) Abstract: The invention provides a system for the extraction of energy from an undercurrent stream in a body of water. The system comprises a support frame which comprises a plurality of receptacles for mounting functional modules on the support frame. The plurality of receptacles are arranged to form a horizontally-distributed two-dimensional array on the support frame. The plurality of vertical axis turbine units is configured to be interchangeably mounted in the receptacles.