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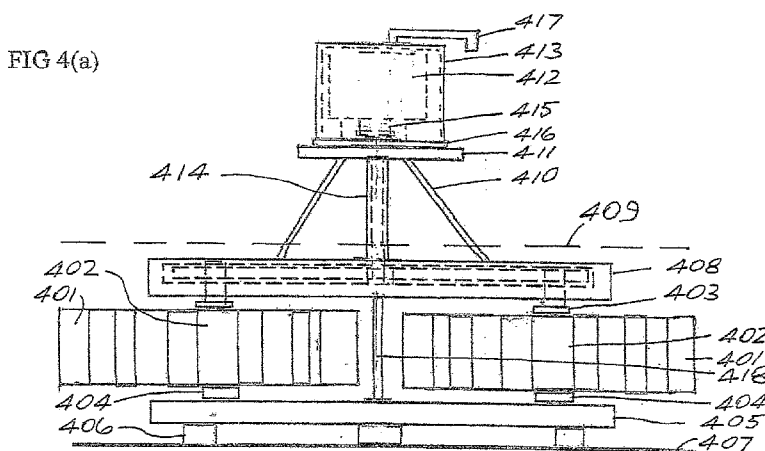
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(57) Abstract: A river / tidal energy converter has at least one pair of rotors (2, 401) disposed in a common horizontal plane and locatable across a fluid flow stream (421). Each rotor is rotatable about an axis which is orthogonal to a direction of the fluid flow stream and each pair of rotors is arranged to be driven by the fluid flow stream to rotate in contra-directions. Each rotor has an axle (402) rotatable about an axis and a plurality of blades (401), extending substantially radially from the axle. Each rotor of the pair of rotors is connected by a transmission in a housing (408) to drive a common shaft (414) having a longitudinal axis located in the same plane as the axis of each of the rotors. The common shaft is arranged to provide motive force for rotating an electrical generator/alternator (412) which is located about the common shaft axis.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

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