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(54) **Title:** FLOW FRAME FOR REDOX FLOW BATTERY AND REDOX FLOW BATTERY

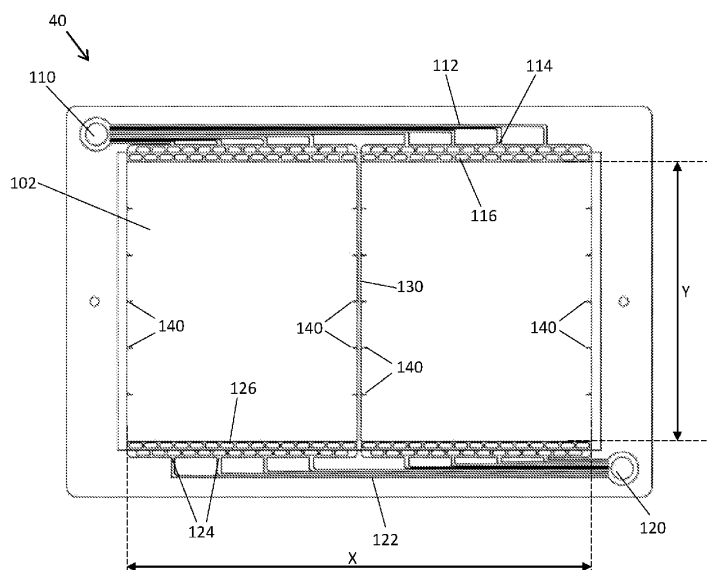


FIG.4

(57) **Abstract:** A flow frame for a redox flow battery is described. The flow frame forms a rectangular cavity configured to receive at least one porous electrode. The flow frame comprises: an inlet for receiving an electrolyte liquid; a plurality of supply channels coupling the inlet to a plurality of supply channel openings arranged along a supply side of rectangular cavity; an outlet for discharging the electrolyte liquid; and a plurality of discharge channels coupling the outlet to a plurality of discharge channel openings arranged along a discharge side of the rectangular cavity, the discharge side of the rectangular cavity being opposite the supply side, wherein a length of the rectangular cavity corresponding to a length of the supply side and the discharge side is at least twice a width of the rectangular cavity corresponding to a separation of the supply side from the discharge side. The flow frame provides for optimized electrolyte flow in a redox flow battery.

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