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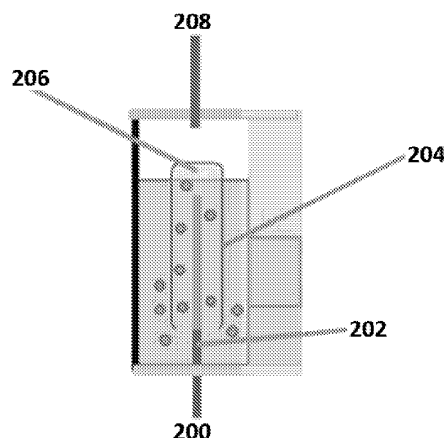
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(54) Title: AN ELECTROCHEMICAL REACTOR SYSTEM COMPRISING STACKABLE REACTION VESSELS

FIG. 3



(57) Abstract: An electrochemical reactor system comprising stackable reaction vessels is provided herein. Each of the stackable reaction vessels is fillable with an electrolyte and comprises an anode (100), a cathode (102) and an ion selective membrane (106) arranged between the anode (100) and the cathode (102). There is at least one gas sparger disposed across two of the stackable reaction vessels, wherein the two stackable reaction vessels are configured as an upstream stackable reaction vessel and a downstream stackable reaction vessel arranged adjacent to the upstream stackable reaction vessel, wherein the at least one gas sparger comprises (i) a pipe (202) disposed across the two stackable reaction vessels and (ii) a chamber (204) disposed in the downstream stackable reaction vessel, wherein the chamber (204) has an opening and a closed end disposed away from the opening, wherein the pipe (202) extends through the opening toward the closed end to direct gas to form a sparger headspace (206) at the closed end within the chamber (204).

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