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(54) Title: FUEL CELL WITH MULTIPLE ELECTRIC CONNECTORS

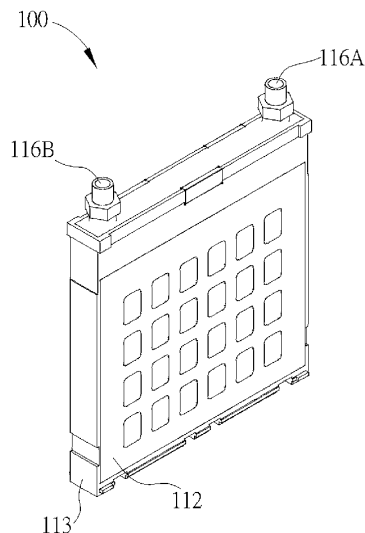


FIG. 3A

(57) Abstract: A zinc-air fuel cell with multiple electric connectors includes: a case forming a space; multiple gas chambers disposed in the space; two air electrode layers disposed in the space and serving as positive electrodes for discharging; a metal layer disposed in the space and serving as a positive electrode for charging; a zinc material disposed in the space and serving as a negative electrode; multiple separators disposed in the space so that the air electrode layers, the zinc material and the metal layer are separately arranged; an electrolyte disposed in the space, capable of flowing to pass through the separators and in contact with the air electrode layers, the metal layer and the zinc material so that the air electrode layers, the zinc material and the metal layer are respectively electrically connected.

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