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(54) Title: AN ELECTRODE STACK ASSEMBLY FOR A METAL HYDROGEN BATTERY

(57) Abstract: An electrode stack can include a plurality of anode assemblies, each anode assembly including at least one anode layer attached to an anode tab; a plurality of cathode assemblies, each cathode assembly including at least one cathode layer attached to a cathode tab; a plurality of separators; an anode feedthrough bridge arranged to engage each anode tab of each of the plurality of anode assemblies; a cathode feedthrough bridge arranged to engage each cathode tab of each of the plurality of cathode assemblies; an anode feedthrough terminal coupled to the anode feedthrough bridge; and a cathode feedthrough terminal coupled to the cathode feedthrough bridge, wherein the plurality of anode assemblies and the plurality of cathode assemblies are alternately arranged and separated by the plurality of separators to form an electrode stack. A battery is also presented.