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(54) Title: ELECTRODE FOR METAL HYDROGEN BATTERY AND METHOD FOR MANUFACTURING SAME

(57) Abstract: Electrodes for a metal-hydrogen battery are described. The electrodes include one or more porous layers, each of the porous layers including a porous substrate and a catalyst layer covering the porous substrate, the catalyst layer including a transition metal, wherein at least one of the at least one porous layer includes a surface with features that facilitate hydrogen gas transport. In some embodiments, an anode electrode includes a first porous layer having a first surface; and a second porous layer adjacent the first porous layer having a second surface, wherein the first surface of the first porous layer and the second surface of the second porous layer form hydrogen gas transport channels.



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