# United States Patent [19]

**Shacklette et al.**

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[54] **CONJUGATED POLYMER AS SUBSTRATE FOR THE PLATING OF ALKALI METAL IN A NONAQUEOUS SECONDARY BATTERY**


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[52] **U.S. Cl.** ..... **429/194;** 429/213

[58] **Field of Search** ..... 429/213, 194, 199, 197



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[57] **ABSTRACT**

This invention relates to a novel anode for use in batteries, and to batteries containing the anode, which anode comprises of an electronically conductive n-doped conjugated backbone polymer having finely divided elemental alkali metal particles dispersed therein.


**18 Claims, No Drawings**