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(54) **NANO-CUBIC POLYANIONIC ELECTRODE MATERIAL, PREPARATION METHOD THEREFOR, AND USE THEREOF**

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(57) **ABSTRACT**

The present disclosure relates to a nano-cubic polyanionic electrode material, a preparation method therefor, and use thereof. The electrode material of the present disclosure comprises $\text{Na}_x\text{V}_2(\text{PO}_4)_3$; @M; where M is a block polymer containing disulfide bond; further, a nano-cubic NVP@M@PDA material can be formed by using coupling between PDA and NVP. The conductivity performance and cycle performance of the material obtained in the present disclosure are greatly improved, and the present disclosure well solves the problems associated with matching with a hard carbon negative electrode.

