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(54) **SOLID ELECTROLYTE MATERIAL AND BATTERY USING THE SAME**

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(57) **ABSTRACT**

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According to the present disclosure, a solid electrolyte material comprises Li, Ti, Al, and F. The solid electrolyte material has a specific surface area of greater than or equal to 5.7 m²/g. According to the present disclosure, a battery comprises a positive electrode, a negative electrode, and an electrolyte layer, which is disposed between the positive electrode and the negative electrode. At least one selected from the group consisting of the positive electrode, the negative electrode, and the electrolyte layer comprises the solid electrolyte material of the present disclosure.

Foreign Application Priority Data

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