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

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(71) Applicant: **Panasonic Intellectual Property Management Co., Ltd.**, Osaka (JP)

(72) Inventors: **TOMOYASU YOKOYAMA**, Osaka (JP); **KOSEI OHURA**, Osaka (JP); **TAKUYA NARUSE**, Osaka (JP)

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ABSTRACT

The solid electrolyte material of the present disclosure comprises lithium and a plurality of anion elements. The plurality of anion elements comprises a pnictogen element, a chalcogen element, and a halogen element. The pnictogen element includes at least one selected from the group consisting of N, P, As, Sb, and Bi, the chalcogen element is at least one selected from the group consisting of S, Se, and Te, and the halogen element is at least one selected from the group consisting of Br and I. The battery of the present disclosure comprises a positive electrode, a negative electrode, and an electrolyte layer provided 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.

