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(54) **COMPOSITE SOLID ELECTROLYTE
SEPARATION MEMBRANE USING
INORGANIC FIBER AND SECONDARY
BATTERY USING THE SAME**

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(57) **ABSTRACT**

Disclosed are a composite solid electrolyte separation membrane using inorganic fiber and a secondary battery using the same, the composite solid electrolyte separation membrane including inorganic fiber, a sodium oxide-based ceramic material impregnated into the inorganic fiber, and an electrolyte impregnated into the inorganic fiber into which the sodium oxide-based ceramic material is impregnated.

