TITLE:

ALUMINUM BATTERY

ABSTRACT

An aluminum battery includes a positive electrode, a negative electrode, a separator, and an electrolyte. The separator is disposed between the positive electrode and the negative electrode. The electrolyte is impregnated into the separator, the positive electrode, and the negative electrode. The electrolyte includes aluminum halide, ionic liquid, and an additive, and the additive includes a pyridine compound. The pyridine compound has an electron withdrawing functional group.

FIG. 3