

**METHOD FOR PRODUCING REGENERATED POSITIVE ELECTRODE MATERIAL
PRECURSOR AND REGENERATED POSITIVE ELECTRODE MATERIAL, AND
METHOD FOR USING REGENERATED POSITIVE ELECTRODE MATERIAL**

ABSTRACT

Provided is a method for producing a regenerated positive electrode material precursor from a lithium-ion secondary battery as an object to be processed. The method includes subjecting the lithium-ion secondary battery as the object to be processed to heat treatment, crushing, classification and sorting, magnetic separation, acid leaching, iron removal, ion exchange, alkali treatment, and washing.

(Fig.1)