ABSTRACT

There is provided a method for recovering valuable materials from lithium ion secondary batteries, which includes: performing a heat treatment on a lithium ion secondary battery to obtain a heat-treated product; classifying a crushed product, which is obtained by crushing the heat-treated product, at a classification point of 600 μm or greater and 2,400 μm or less to obtain a coarse-particle product 1 and a small-particle product; grinding the small-particle product to obtain a ground product; classifying the ground product at one or more classification points that are smaller than the classification point and are 75 μm or greater and 1,200 μm or less to obtain a coarse-particle product 2 and a fine-particle product 1; and sorting the fine-particle product 1 using magnetic force.

[FIG. 1]