

ABSTRACT

A method of separating valuable materials. The method includes a heat treatment step of performing a heat treatment on a lithium-ion secondary battery including valuable materials, a
5 crushing step of crushing a heat-treated product obtained in the heat treatment step, and a classification step including a first classification step of classifying a crushed product obtained in the crushing step into a coarse-particle product and an
intermediate product at a classification cut-point of 0.6 mm or
10 greater and 2.4 mm or less, and a second classification step of classifying the intermediate product into a medium-particle product and a fine-particle product at a classification cut-point of 40 μm or greater and 300 μm or less.

15 [FIG. 1]