

Abstract

Method For Recycling Cathode Current Collectors

5 A method for recycling cathode current collectors from a battery comprises
retracting a cell from a housing of a battery, separating a cathode current collector from an
anode current collector of the cell, soaking the cathode current collector in a first solution
to separate a graphite coating from a copper foil, drying the copper foil; and cleaning the
copper foil to remove attachments from the copper foil. A method according to the
10 present invention enables copper material and cathode current collectors recycling without
cutting or shredding the batteries into fragments and achieves copper material recycling
with high efficiency.

15 (Fig. 1)