

METHOD FOR RECOVERY OF VALUABLE METALS

ABSTRACT

A method for recovery of valuable metals according to the present disclosure comprises the steps of: (S1) leaching a sulfate solution from waste battery material; (S2) adding a phosphorus compound to the sulfate solution to precipitate aluminum phosphate; and (S3) isolating the aluminum phosphate from the sulfate solution through solid-liquid separation, wherein the sulfate solution contains metal sulfate at a concentration of 90 g/L or higher.

Fig. 1