

METHOD FOR RECOVERY OF VALUABLE METALS FROM SPENT SECONDARY BATTERIES

ABSTRACT

A method for recovering valuable metals from a spent secondary battery according to an embodiment of the present disclosure includes a pre-processing process of pre-processing the spent secondary battery, a melting process of heating the pre-processed spent secondary battery to generate a molten solution, and a recovery process of recovering the valuable metals from the molten solution. In the melting process, a chlorinating agent is added, and, in the recovery process, lithium is recovered in a form of lithium dust.

Fig. 1