

METHOD FOR RECOVERY OF NICKEL FROM NICKEL MATTE IN SULFIDE FORM

ABSTRACT

A method of recovering nickel from a nickel matte in the form of a sulfide includes pressure leaching the nickel matte at a pressure higher than atmospheric pressure; neutralizing a post-pressure leaching liquid produced in the pressure leaching; performing a first solvent extraction process of producing a post-first extraction liquid containing nickel from a post-neutralization liquid produced in the neutralizing; and performing a second solvent extraction process of producing a post-second extraction liquid containing nickel from the post-first extraction liquid.

Fig. 1