

Title (en)

RHEOLOGICAL METHOD FOR THE HYDROMETALLURGICAL RECOVERY OF BASE METALS FROM ORES

Title (de)

RHEOLOGISCHES VERFAHREN ZUR HYDROMETALLURGISCHEN GEWINNUNG VON NICHTEDELMETALLEN AUS ERZEN

Title (fr)

PROCÉDÉ RHÉOLOGIQUE POUR LA RÉCUPÉRATION HYDROMÉTALLURGIQUE DE MÉTAUX DE BASE À PARTIR DE MINÉRAIS

Publication

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Application

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Abstract (en)

[origin: WO2009149522A1] A rheological method for the hydrometallurgical recovery of base metals such as nickel from ores comprises the steps of combining a sulphide ore or concentrate (10) with a laterite or other oxide ore (12) and milling them together in a milling circuit (14) to form a combined slurry with improved rheological characteristics. The milled combined ore from the milling circuit (14) is subjected to a screening step in the screening circuit (18). Undersize ore is fed from the screening circuit (18) to a slurry tank (19), and the combined slurry is then pumped to a pressure acid leach circuit.

IPC 8 full level

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