

Title (en)

METHOD FOR CONCENTRATING MAGNETICALLY SEPARATED PARTICLES IN SUSPENSIONS OF ORES AND FOR EXTRACTING THESE PARTICLES OUT OF A MAGNETIC SEPARATOR WITH LOW LOSSES

Title (de)

VERFAHREN ZUR AUFKONZENTRIERUNG MAGNETISCH ABGETRENNTER BESTANDTEILE AUS ERZSUSPENSIONEN UND ZUR VERLUSTARMEN AUSSCHLEUSUNG DIESER BESTANDTEILE AUS EINEM MAGNETSEPARATOR

Title (fr)

MÉTHODE POUR CONCENTRER DES PARTICULES MAGNÉTIQUEMENT SÉPARÉES DE SUSPENSIONS DE MINÉRAUX ET POUR UNE EXTRACTION DE CES PARTICULES HORS D'UN SÉPARATEUR MAGNÉTIQUE AVEC PEU DE PERTES

Publication

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Application

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Abstract (en)

[origin: WO2011058033A1] The invention relates to a method for separating out magnetic components from an aqueous dispersion comprising magnetic and non-magnetic components by conducting the aqueous dispersion through a reactor chamber, in which the aqueous dispersion is divided by at least one magnet mounted on the outside of the reactor chamber into at least one flow I comprising the magnetic components and at least one flow II comprising the non-magnetic components, wherein the magnetic components in flow I are treated with a rinsing flow.

IPC 8 full level

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