

Alerta

Septiembre 2012

BIOMINERÍA

Base Explorada

Repositorio INAPIPROYECTA

Restricción

Año 2000 - 2010

Registros

4

Código Filtrado

Palabra Clave

Area Minería

Sub Area Biominería

PATENTES



PROCESS FOR BIOLEACHING OF COPPER CONCENTRATES

WO2000023629	País: Australia.	Solicitante: Mintek; Bactech (Australia) PTY. Limited.	Fecha: 2000 / 04 / 27
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Inventores: Winby, Richard.
Miller, Paul.
Rhodes, Mike.
Pinches, Anthony.
Van Staden, Petrus.

Resumen: Disclosed is a method for separating copper from copper bearing materials comprising the steps of: (a) subjecting a copper bearing material to a bioleach step involving iron/sulphur oxidising microorganisms to form a bioleach solution containing copper; (b) at least partially removing separated copper from the solution by contacting the solution with a copper extracting organic solvent; and (c) recycling at least part of the copper depleted solution to the bioleach step.

Enlace: http://patentscope.wipo.int/search/es/detail.jsf?docId=WO2000023629&recNum=25&office=&queryString=EN_AB%3Abioleach+&prevFilter=&sortOption=Pertinencia&maxRec=88



TREATMENT OF BASE METAL CONCENTRATE BY A TWO-STEP BIOLEACHING PROCESS

WO2004101834	País: Sudáfrica.	Solicitante: BHP Billiton SA Limited; Bowker, Clint; Harvey, Paul.	Fecha: 2004 / 11 / 25
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Inventores: Bowker, Clint.
Harvey, Paul.

Resumen: A bio-leach method of recovering at least one base metal from sulphidic or a concentrate wherein a residue of a primary bioleach of the concentrate, under mesophilic and moderate thermophilic conditions, is processed to recover at least one metal, for instance copper, is recovered from a solution, produced by a secondary bioleach under thermophilic conditions, of a residue of the metal recovery process.

Enlace: http://patentscope.wipo.int/search/es/detail.jsf?docId=WO2004101834&recNum=28&office=&queryString=EN_AB%3AAbioleach+&prevFilter=&sortOption=Pertinencia&maxRec=88



HIGH TEMPERATURE LEACHING PROCESS

WO2009059336	País: Sudáfrica.	Solicitante: BHP Billiton SA Limited; Dew, David; Steyn, Jaco, Willem; Minnaar, Susanna, Helena.	Fecha: 2009 / 05 / 07
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Inventores: Dew, David.
Steyn, Jaco, Willem.
Minnaar, Susanna, Helena.

Resumen: A method of conducting a bioleaching process including the steps of forming a main heap, culturing at least one microorganism which exhibits bioleaching activity in a predetermined temperature range, monitoring the temperature in the main heap, which is a result, at least, of microbial leaching activity and inoculating the heap with the cultured microorganism at least before the temperature reaches the predetermined range.

Enlace: http://patentscope.wipo.int/search/es/detail.jsf?docId=WO2009059336&recNum=30&office=&queryString=EN_AB%3AAbioleach+&prevFilter=&sortOption=Pertinencia&maxRec=88



A METHOD OF TREATING A SULPHIDE MINERAL

WO2010009481	País: Sudáfrica.	Solicitante: BHP Billiton SA Limited; Rautenbach, George, Frederick; Davis-Belmar, Carol, Susan; Demergasso, Cecelia, Susana.	Fecha: 2010 / 01 / 10
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Inventores: Rautenbach, George, Frederick.
Rautenbach, George, Frederick.
Demergasso, Cecelia, Susana.

Resumen: A copper bioleaching process which makes use of a consortium which contains Leptospirillum ferriphilum and a sulphur oxidising microorganism which is halophilic or halotolerant.

Enlace: http://patentscope.wipo.int/search/es/detail.jsf?docId=EP20698434&recNum=19&of fice=&queryString=EN_AB%3Abioleach+&prevFilter=&sortOption=Pertinencia&maxRec=88

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