

Title (en)

SELECTIVE GOLD EXTRACTION FROM COPPER ANODE SLIME WITH AN ALCOHOL

Title (de)

SELEKTIVE EXTRAKTION VON GOLD AUS KUPFERANODENSCHLAMM MIT EINEM ALKOHOL

Title (fr)

EXTRACTION D OR SÉLECTIVE D'UNE BOUE D ANODE DE CUIVRE AVEC UN ALCOOL

Publication

EP 2262916 A4 20111012 (EN)

Application

EP 09713931 A 20090227

Priority

- AU 2009000242 W 20090227
- AU 2008901012 A 20080229

Abstract (en)

[origin: WO2009105832A1] The invention relates to a method for recovering gold from an acid digest of a gold-containing copper anode slime. The acid digest is selectively extracted with an alcohol having low miscibility with water. Gold is then recovered from the resulting alcoholic extract.

IPC 8 full level

C22B 3/20 (2006.01); **C22B 3/10** (2006.01); **C22B 3/26** (2006.01); **C22B 3/44** (2006.01); **C22B 7/00** (2006.01); **C22B 11/00** (2006.01); **C25C 1/00** (2006.01)

CPC (source: EP US)

C22B 3/10 (2013.01 - EP US); **C22B 3/262** (2021.05 - EP US); **C22B 3/44** (2013.01 - EP US); **C22B 7/007** (2013.01 - EP US); **C22B 11/042** (2013.01 - EP US); **C22B 11/06** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US)

Citation (search report)

- [A] US 5942024 A 19990824 - YOSHIFUMI ABE [JP], et al
- [A] EP 0020826 A1 19810107 - INST NUCLEAR ENERGY RES
- [A] EP 0048103 A1 19820324 - INCO LTD [CA]
- [A] US 4081271 A 19780328 - UGO RENATO
- [A] DATABASE WPI Week 197934, Derwent World Patents Index; AN 1979-62409B, XP002657821
- See references of WO 2009105832A1

Cited by

CN107849636A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009105832 A1 20090903; AU 2009219115 A1 20090903; AU 2009219115 B2 20131031; BR PI0908897 A2 20190924; EP 2262916 A1 20101222; EP 2262916 A4 20111012; JP 2011513583 A 20110428; US 2011083531 A1 20110414

DOCDB simple family (application)

AU 2009000242 W 20090227; AU 2009219115 A 20090227; BR PI0908897 A 20090227; EP 09713931 A 20090227; JP 2010547920 A 20090227; US 92020509 A 20090227