

Title (en)
METHOD FOR THE LEACHING OF A METAL SULFIDE

Title (de)
VERFAHREN ZUR LAUGUNG EINES METALLSULFIDS

Title (fr)
PROCÉDÉ POUR LA LIXIVIATION D'UN SULFURE MÉTALLIQUE

Publication
EP 2640861 A1 20130925 (EN)

Application
EP 11841689 A 20111118

Priority
• AU 2010905134 A 20101119
• AU 2011001487 W 20111118

Abstract (en)
[origin: WO2012065222A1] A method (10) for the leaching of a metal sulfide, the method characterised by the steps of: combining a metal sulfide (12) with water to form a slurry (13); directing the slurry (13) to an autoclave (14) for acid leaching at elevated temperature and pressure; adding an oxidant (16) to the autoclave (14); and adding a metal powder (18) to the autoclave (14), whereby the addition of the metal powder (18) reduces a residual acid concentration in a pregnant leach solution (20) that exits the autoclave (14).

IPC 8 full level
C22B 3/00 (2006.01); **C22B 3/04** (2006.01); **C22B 3/06** (2006.01); **C22B 23/00** (2006.01)

CPC (source: EP)
C22B 3/06 (2013.01); **C22B 23/0415** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)
See references of WO 2012065222A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012065222 A1 20120524; AU 2011331911 A1 20130411; AU 2011331911 B2 20150319; BR 112013011808 A2 20160913; CA 2815563 A1 20120524; EP 2640861 A1 20130925

DOCDB simple family (application)
AU 2011001487 W 20111118; AU 2011331911 A 20111118; BR 112013011808 A 20111118; CA 2815563 A 20111118; EP 11841689 A 20111118