

Title (en)

Anode slime treatment process.

Title (de)

Verfahren zum Aufarbeiten von Anodenschlamm.

Title (fr)

Procédé de traitement de boue anodique.

Publication

EP 0059806 A1 19820915 (EN)

Application

EP 81301045 A 19810312

Priority

EP 81301045 A 19810312

Abstract (en)

Anode slime containing lead is upgraded, and lead is recovered, by two-stage leaching resulting in a combined solution from which lead acetate crystallizes. At least 48% of the lead is extracted in the first stage, at least 94% being extracted overall. Each stage preferably consists of leaching with ammonium acetate solution with a concentration of 6 mole dm⁻³ at 40 DEG C for 1 to 2 hours.

IPC 1-7

C22B 3/00; C22B 13/04

IPC 8 full level

C22B 3/00 (2006.01); C22B 13/00 (2006.01); C22B 13/10 (2006.01)

CPC (source: EP)

C22B 13/04 (2013.01); C22B 13/10 (2013.01)

Citation (search report)

- US 4229270 A 19801021 - SUBRAMANIAN KOHUR N, et al
- DD 146712 A1 19810225 - LUX MANFRED, et al
- FR 2086064 A1 19711231 - AMERICAN METAL CLIMAX INC
- DE 1948300 B2 19710218 - NORDDEUTSCHE AFFINERIE
- US 4047939 A 19770913 - MORRISON BERNARD H
- US 4002544 A 19770111 - HEIMALA SEppo OLAVI, et al
- EP 0020826 A1 19810107 - INST NUCLEAR ENERGY RES
- US 2328089 A 19430831 - MULLIGAN JOHN J
- DE 750429 C 19441221
- US 1916303 A 19330704 - CURTIN LEO P

Cited by

CN112981111A; WO0121846A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0059806 A1 19820915; EP 0059806 B1 19841107; DE 3167023 D1 19841213; DE 59806 T1 19830414

DOCDB simple family (application)

EP 81301045 A 19810312; DE 3167023 T 19810312; DE 81301045 T 19810312