

Title (en)

SOLVENT EXTRACTION PROCESS FOR RECOVERING NICKEL AND COBALT FROM LEACH SOLUTIONS

Title (de)

LÖSUNGSMITTELEXTRAKTIONSVERFAHREN ZUR NICKEL- UND COBALTGEWINNUNG AUS AUSLAUGLÖSUNGEN

Title (fr)

PROCEDE D'EXTRACTION DE SOLVANT DESTINE A EXTRAIRE LE NICKEL ET LE COBALT DE SOLUTIONS DE LIXIVIATION

Publication

EP 1330555 A1 20030730 (EN)

Application

EP 01973802 A 20010914

Priority

- AU 0101161 W 20010914
- AU PR016900 A 20000915
- AU PR111900 A 20001030

Abstract (en)

[origin: WO0222896A1] A method of separating nickel, cobalt or both from other cations contained in a leach solution, the method including the steps of subjecting the leach solution to separate solvent extraction steps using an organophosphoric acid, a carboxylic acid and an organophosphinic acid.

IPC 1-7

C22B 3/26; C22B 3/32; C22B 3/38; C22B 23/00

IPC 8 full level

C22B 3/26 (2006.01); **C22B 3/32** (2006.01); **C22B 3/38** (2006.01)

CPC (source: EP US)

C22B 3/32 (2021.05 - EP US); **C22B 3/3842** (2021.05 - EP US); **C22B 3/3846** (2021.05 - EP US); **C22B 23/0453** (2013.01 - EP US);
C22B 23/0484 (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US)

Cited by

CN107904402A; CN111187907A, CN104724864A

Designated contracting state (EPC)

AT BE FR GR

DOCDB simple family (publication)

WO 0222896 A1 20020321; CA 2421970 A1 20020321; CU 23103 A3 20051220; EP 1330555 A1 20030730; EP 1330555 A4 20050831;
US 2004050212 A1 20040318

DOCDB simple family (application)

AU 0101161 W 20010914; CA 2421970 A 20010914; CU 20030050 A 20030303; EP 01973802 A 20010914; US 38068503 A 20030917