

Title (en)

Recovery of tungsten values from tungsten-bearing materials.

Title (de)

Gewinnung von Wolfram aus einem wolframhaltigen Ausgangsmaterial.

Title (fr)

Obtention de tungstène à partir de matières en contenant.

Publication

EP 0011475 A1 19800528 (EN)

Application

EP 79302549 A 19791113

Priority

ZA 786478 A 19781117

Abstract (en)

A method of recovering tungsten values from a high grade tungsten bearing ore or concentrate such as scheelite or wolframite includes the steps of roasting, without fusion, the ore or concentrate in the presence of a reactive composition selected from the group of an alkali metal chloride, an alkali metal carbonate and mixtures thereof and extracting the water-soluble tungsten values from the roasted product, e.g. by water leaching. The reactive composition is preferably an alkali metal carbonate on its own.

IPC 1-7

C22B 34/36

IPC 8 full level

C01G 41/00 (2006.01); **C22B 34/36** (2006.01)

CPC (source: EP)

C22B 34/36 (2013.01)

Citation (search report)

- US 2501952 A 19500328 - MAIER CHARLES G
- US 3256057 A 19660614 - BLAIR BURWELL
- FR 992821 A 19511023 - ROECHLINGSCHE EISEN & STAHL
- US 2394362 A 19460205 - BLAIR BURWELL
- US 2187750 A 19400123 - MARVIN ORRIN F
- US 3800025 A 19740326 - FOX J
- GB 1089913 A 19671108 - ALFRED GORDON EVANS ROBIETTE

Cited by

US8034319B2; CN114956181A; CN115433840A; CN115747530A; CN105969977A

Designated contracting state (EPC)

AT DE FR GB SE

DOCDB simple family (publication)

EP 0011475 A1 19800528; EP 0011475 B1 19821020; AR 224633 A1 19811230; AT E1681 T1 19821115; AU 525137 B2 19821021; AU 5291879 A 19800522; BR 7907441 A 19800708; CA 1136422 A 19821130; DE 2963902 D1 19821125; ES 486063 A1 19800901; JP S5589446 A 19800707; JP S595657 B2 19840206; PT 70465 A 19791201; TR 21615 A 19841129; ZA 786478 B 19800227

DOCDB simple family (application)

EP 79302549 A 19791113; AR 27892779 A 19791116; AT 79302549 T 19791113; AU 5291879 A 19791116; BR 7907441 A 19791114; CA 340128 A 19791119; DE 2963902 T 19791113; ES 486063 A 19791116; JP 14874579 A 19791116; PT 7046579 A 19791116; TR 2161579 A 19791116; ZA 786478 A 19781117