

Title (en)

Hydrometallurgical arsenopyrite process.

Title (de)

Verfahren zur nassmetallurgischen Behandlung von Arsenopyriten.

Title (fr)

Procédé hydrométallurgique pour traiter des arsénopyrites.

Publication

EP 0119685 A1 19840926 (EN)

Application

EP 84300292 A 19840118

Priority

US 45884683 A 19830118

Abstract (en)

A process for the hydrometallurgical recovery of gold from arsenical pyrite concentrate. The process comprises decomposing the concentrate by using a leach composed of higher valence nitrogen oxides present in acidic solution; subjecting the decomposed product to a solid-liquid separation to produce a residue and a liquid fraction; recovering gold from the residue by conventional means; and precipitating dissolved arsenic, iron and sulphur from the liquid fraction before recycling the liquid fraction in the process.

IPC 1-7

C22B 11/04; **C22B 3/00**

IPC 8 full level

C22B 11/00 (2006.01); **C22B 11/06** (2006.01); **C22B 11/08** (2006.01)

CPC (source: EP)

C22B 11/04 (2013.01); **C22B 11/06** (2013.01); **C22B 11/08** (2013.01)

Citation (search report)

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