

Title (en)

Method of recovering uranium.

Title (de)

Verfahren zur Gewinnung von Uran.

Title (fr)

Procédé de récupération de l'uranium.

Publication

EP 0066988 A2 19821215 (EN)

Application

EP 82302566 A 19820520

Priority

US 26667681 A 19810522

Abstract (en)

Method of recovering uranium from a silicate-uranium coprecipitate by leaching the coprecipitate with a leachate having a pH of from 2 to 3, followed by filtering the coprecipitate. The uranium is dissolved in the filtrate but the silicate is insoluble. The leachate is preferably an aqueous solution of nitric acid which is also used to wash the coprecipitate. The uranium can be extracted from the filtrate using an organic extractant containing DEPA-TOPO.

IPC 1-7

C22B 60/02

IPC 8 full level

C01G 43/00 (2006.01); **C22B 60/02** (2006.01)

CPC (source: EP KR)

C22B 60/02 (2013.01 - KR); **C22B 60/0239** (2013.01 - EP); **C22B 60/026** (2013.01 - EP)

Cited by

CN105969987A; EP0433860A3

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BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0066988 A2 19821215; **EP 0066988 A3 19831102**; ES 512465 A0 19840401; ES 8403975 A1 19840401; JP S57200225 A 19821208; KR 830010209 A 19831226; YU 109182 A 19850320; ZA 823094 B 19830629

DOCDB simple family (application)

EP 82302566 A 19820520; ES 512465 A 19820521; JP 8718882 A 19820522; KR 820002262 A 19820522; YU 109182 A 19820521; ZA 823094 A 19820505