

Title (en)

EXTRACTION OF URANIUM FROM WET-PROCESS PHOSPHORIC ACID

Title (de)

EXTRAKTION VON URAN AUS PHOSPHORSÄURE IN EINEM NASSVERFAHREN

Title (fr)

EXTRACTION DE L'URANIUM DE L'ACIDE PHOSPHORIQUE PRODUIT PAR VOIE HUMIDE

Publication

**EP 2773783 A4 20150923 (EN)**

Application

**EP 12846133 A 20121031**

Priority

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- US 2012062711 W 20121031

Abstract (en)

[origin: WO2013066957A1] In a preferred embodiment, a process for extracting uranium from wet-process phosphoric acid (WPA), comprises separating uranium from WPA to produce a loaded uranium solution stream and a uranium depleted WPA stream. The loaded uranium solution stream is then contacted by with an ion exchange resin. Uranium species bound to the ion exchange resin are eluted by contacting the resin with a solution comprising anions to produce a loaded uranium eluant stream. The loaded uranium eluant stream is treated to provide a uranium containing product.

IPC 8 full level

**C22B 60/02** (2006.01); **C01B 25/238** (2006.01); **C01G 43/00** (2006.01)

CPC (source: EP)

**C01B 25/238** (2013.01); **C01G 43/003** (2013.01); **C22B 60/0282** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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