

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
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Application
EP 12846133 A 20121031

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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
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CPC (source: EP)
C01B 25/238 (2013.01); **C01G 43/003** (2013.01); **C22B 60/0282** (2013.01)

Citation (search report)
• [XY] US 2010028226 A1 20100204 - BRISTOW NICHOLAS WARWICK [AU], et al
• [IY] US 4199470 A 19800422 - KUROHARA TAKAYUKI [JP], et al
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• [A] US 2003113247 A1 20030619 - SINGH HARVINDERPAL [IN], et al
• See references of WO 2013066957A1

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Designated contracting state (EPC)
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