

Title (en)  
PROCESS FOR RUTHENIUM DECONTAMINATION OF LIQUID RADIOACTIVE WASTES

Publication  
**EP 0018923 B1 19830921 (FR)**

Application  
**EP 80400616 A 19800506**

Priority  
FR 7911470 A 19790507

Abstract (en)  
[origin: US4331551A] A method of removing ruthenium contamination from a radioactive liquid effluent, wherein: (a) the pH of said effluent is adjusted to a value of less than 5 and copper ions are added thereto, (b) the effluent thus treated is brought into contact with iron to form a copper precipitate which entrains the ruthenium, and (c) the liquid effluent is separated from the sludge formed.

IPC 1-7  
**G21F 9/12**

IPC 8 full level  
**G21F 9/00** (2006.01); **G21F 9/06** (2006.01)

CPC (source: EP US)  
**G21F 9/06** (2013.01 - EP US)

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**EP 0018923 A1 19801112; EP 0018923 B1 19830921**; DE 3064890 D1 19831027; FR 2456372 A1 19801205; FR 2456372 B1 19810814; JP S5619499 A 19810224; US 4331551 A 19820525

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**EP 80400616 A 19800506**; DE 3064890 T 19800506; FR 7911470 A 19790507; JP 6046280 A 19800507; US 14491180 A 19800429