

Title (en)

PROCESS FOR STORING TRITIUM, ESPECIALLY TRITIATED WASTE FROM NUCLEAR PLANTS, AND DEVICE FOR PERFORMING THIS PROCESS

Publication

**EP 0036961 A3 19820113 (DE)**

Application

**EP 81101561 A 19810305**

Priority

DE 3011602 A 19800326

Abstract (en)

[origin: CA1148671A] A process and apparatus for storing tritium, particularly tritium waste from nuclear power plants, wherein the tritium is first oxidized to HTO or T2O and is then bound to an adsorbent having molecular sieve properties, and the tritium-containing adsorbent being enclosed by a corrosion-resistant metal container hermetic with respect to hydrogen diffusion.

IPC 1-7

**G21F 9/02**

IPC 8 full level

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CPC (source: EP US)

**G21F 9/02** (2013.01 - EP US)

Citation (search report)

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- FR 2147995 A1 19730311 - NUKEM GMBH
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**EP 0036961 A2 19811007**; **EP 0036961 A3 19820113**; **EP 0036961 B1 19850612**; CA 1148671 A 19830621; DE 3011602 A1 19811008; DE 3170920 D1 19850718; JP S5712399 A 19820122; US 4424903 A 19840110

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**EP 81101561 A 19810305**; CA 373608 A 19810323; DE 3011602 A 19800326; DE 3170920 T 19810305; JP 4325881 A 19810326; US 24731081 A 19810325