

Title (en)

Process and device for treating non-organic solid tritiated wastes.

Title (de)

Verfahren und Einrichtung zum Behandeln von nichtorganischen festen Tritium enthaltenden Abfällen.

Title (fr)

Procédé et dispositif pour le traitement de déchets tritiés solides non organiques.

Publication

EP 0204634 A1 19861210 (FR)

Application

EP 86401184 A 19860603

Priority

FR 8508666 A 19850607

Abstract (en)

1. Process for the treatment of solid and meltable tritiated waste, characterized in that it comprises the following stages of melting the waste (14) within an enclosure (6), a hydrogen flow being passed into the molten waste mass (14), thus bringing about a hydrogen bubbling into the molten waste mass, and the hydrogen and gases absorbed in the waste mass are constantly extracted from the enclosure and subjecting the extracted gases to a detritiation treatment consisting of bringing these gases into contact with an oxidation catalyst in order to transform the hydrogen into water vapour and trap said water vapour on a molecular sieve.

IPC 1-7

G21F 9/30

IPC 8 full level

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CPC (source: EP)

G21F 9/02 (2013.01); **G21F 9/308** (2013.01)

Citation (search report)

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- [Y] DE 2434876 A1 19750403 - ENGELHARD MIN & CHEM
- [A] GB 1096072 A 19671220 - ATOMIC ENERGY AUTHORITY UK
- [A] EP 0036961 A2 19811007 - KERNFORSCHUNGSANLAGE JUELICH [DE]

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