

Title (en)

PROCESS AND DEVICE FOR TREATING NON-ORGANIC SOLID TRITIATED WASTES

Publication

**EP 0204634 B1 19900523 (FR)**

Application

**EP 86401184 A 19860603**

Priority

FR 8508666 A 19850607

Abstract (en)

[origin: EP0204634A1] 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

**B09B 5/00** (2006.01); **G21F 9/00** (2006.01); **G21F 9/02** (2006.01); **G21F 9/30** (2006.01)

CPC (source: EP)

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

Cited by

DE3930420C1; EP0503557A1; DE4029222C1; EP0307306A1; FR2620262A1; US4882093A; FR2974444A1; WO9216948A1; WO2012146861A3; FR3101558A1; WO2021064304A1

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**EP 0204634 A1 19861210**; **EP 0204634 B1 19900523**; DE 3671563 D1 19900628; ES 555832 A0 19871216; ES 8801473 A1 19871216; FR 2583208 A1 19861212; FR 2583208 B1 19920424; JP S61284697 A 19861215

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