Title (en)

METHOD FOR PREPARATION AND BURIAL OF RADIOACTIVE WASTE (RAW)

Title (de)

VERFAHREN ZUR HERSTELLUNG UND VERGRABUNG RADIOAKTIVER ABFÄLLE

Title (fr)

PROCÉDÉ DE CONDITIONNEMENT ET D'ENFOUISSEMENT DE DÉCHETS RADIOACTIFS

Publication

EP 2913825 A1 20150902 (EN)

Application

EP 13848464 A 20130618

Priority

- RU 2012145702 A 20121025
- RU 2013000511 W 20130618

Abstract (en)

The object of the present invention is to increase the reliability of a long-term RAW isolation/burial, the efficiency of the burial and to reduce the cost of the burial. The process of the present invention utilizes an open-cut mine working with a completed cycle of mining minerals, in particular open-cut mines 3 with a rock base, having an equipped station 8 for RAW discharging and pretreating the same before the burial, a post 2 for retreating MRAW, a route network 6. The RAW delivered for burial is pretreated on the equipped station 8, MRAW is retreated on the post 2 for recycling the metal decontaminated to a level allowing an unlimited use of the same in RF through "Vtorchermet" or as direct deliveries to metallurgical enterprises, the secondary RAW of the retreatment (disposable and solidified decontamination solutions, chips and fragmentation cuts, etc.) is enclosed into individual packages 12, closed, the upper covers 13 of IPs 12 are welded, and a cumulative flow of pretreated RAW is transported to a quarry for burial.

IPC 8 full level

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CPC (source: EP)

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