Title (en)

Method for sealing and packing toxic wastes

Title (de)

Verfahren zum Abdichten und Verpacken von giftigen Abfällen

Title (fr)

Méthode pour le scellementet l'emballage des déchets toxiques

Publication

EP 1124234 A1 20010816 (EN)

Application

EP 00301070 A 20000211

Priority

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Abstract (en)

A method for the packing and sealing of radioactive or toxic waste materials 1 for the purpose of environmentally safe and long term storage or disposal. In the method the waste 1 is compressed, compacted or solidified and placed into a metal container 111 which is closed by lid 112 and sealed hermetically in a packing apparatus 21. The container 11 is transferred to an encasing apparatus 22 wherein the metal container 11 is enclosed in a container of plastics material 12. After removing the air from said plastic container by means of vacuum apparatus 222 the container 121 has applied thereto a lid 122 which is sealed by a welding or fusion process using an induction welding apparatus 221. In an alternative embodiment the metal container 11 is dipped into a liquid plastics material to produce a coating sealing the container. <IMAGE>

IPC 1-7

G21F 9/36

IPC 8 full level

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CPC (source: EP)

G21F 9/36 (2013.01)

Citation (search report)

- [A] FR 2584854 A1 19870116 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- [A] EP 0072429 A1 19830223 - NUKEM GMBH [DE], et al
- [A] EP 0105002 A1 19840404 - COMMISSARIAT ENERGIE ATOMIQUE [FR]

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