

Title (en)

Device for containers with radioactive waste for the reduction of internal pressure caused by the formation of hydrogen.

Title (de)

Vorrichtung an Behältern mit radioaktiven Abfällen zur Reduktion des Innendrucks durch Wasserstoffbildung.

Title (fr)

Dispositif de réduction de la pression interne due au dégagement d'hydrogène pour containers de déchets radio-actifs.

Publication

EP 0383153 B1 19940223 (DE)

Application

EP 90102291 A 19900206

Priority

DE 3904149 A 19890211

Abstract (en)

[origin: EP0383153A1] The invention relates to a device on containers (1) containing radioactive waste for reducing the internal pressure caused by hydrogen generated in the waste and the release of hydrogen from the container (1). The device comprises a catalyst (7) which is inserted in a perforation (2) in the wall of the container (1) or its lid (3) and which is installed with a predetermined throughput from the interior of the container to the outside for the oxidation of hydrogen with oxygen to form water at the storage temperature. <IMAGE>

IPC 1-7

G21F 5/00

IPC 8 full level

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CPC (source: EP KR)

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Cited by

WO2012107576A1; EP0660335A1; FR2971614A1; FR2874120A1; US8029738B2; US7655201B2; WO2006021727A1; US8956443B2; US12084238B2

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