

Title (en)  
DEVICE AND METHOD FOR PERMANENTLY CONTROLLING THE TIGHTNESS OF CLOSING LIDS OF CONTAINERS FOR RADIOACTIVE MATERIALS

Title (de)  
ANORDNUNG UND VERFAHREN ZUR PERMANENTEN DICHTHEITSÜBERPRÜFUNG VON VERSCHLUSSDECKELN VON BEHÄLTERN FÜR RADIOAKTIVE STOFFE

Title (fr)  
DISPOSITIF ET PROCEDE DE CONTROLE PERMANENT DE L'ETANCHEITE DE COUVERCLES D'OBTURATION DE CONTENEURS POUR MATIERES RADIOACTIVES

Publication  
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Application  
**EP 98939710 A 19980720**

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Abstract (en)  
[origin: FR2766570A1] The invention concerns a device for controlling the tightness of the lids of a heavy metal container for transporting and/or storing radioactive materials, said container comprising a cavity for nuclear materials delimited by a thick cylindrical shell closed at one end with a tightly fixed base and at the other end with at least two removable, thick superposed lids. The invention is characterised in that said lids are maintained supported on shoulders, arranged in the shell, by means of flanges provided with at least two concentric joints, and to each lid correspond at least two channels passing through said shell, emerging through a first control orifice at the shell outer surface in the proximity of the lids in an accessible place, and through a second orifice, one in the space between the lid concentric joints, the other in the space located between said lid, the shell and the immediately superposed lid, each orifice being optionally connected to a circuit measuring and controlling tightness.

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IPC 8 full level  
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