

Title (en)

Packing device for joining a transport and/or storage container to a radioactively-contaminated work space.

Title (de)

Andockvorrichtung zum Anschliessen eines Transport- und/oder Lagerbehälters an einen radioaktiv belasteten Arbeitsraum.

Title (fr)

Dispositif de raccord pour raccorder des fûts de transport et/ou de stockage à une pièce de travail contaminée par radioactivité.

Publication

EP 0340488 A2 19891108 (DE)

Application

EP 89106395 A 19890411

Priority

DE 3814938 A 19880503

Abstract (en)

[origin: JPH0217498A] PURPOSE: To achieve correct connection and prevent the outer face of a primary lid from being contaminated, by providing a closing means which has a lift device for vessel, can be carried out from a sluice gate opening and has a reception chamber and a means for catching and manipulating the primary lid. CONSTITUTION: A sluice gate opening 22 over a transfer vessel 89 set at the bottom of a hot chamber 73 is closed by a fitted closing device 11 shaped like a temple bell. The vessel 89 is provided with a protecting ring and a shielding ring, pressed upward to the opening 22 and centered with the opening 22. Closing devices 29, 37 are descended above the vessel 89. The holding plate 29 is lowered and a lid pin of a primary lid 95 is detached. A screw is taken off and the plate 29 is raised. The vessel 89 is moved up again together with the devices 29, 37 to the opening 22. Then, the lid 95 is pulled up with a lid reception plate 25 and moved into an outer protecting temple bell body. An outer face of the lid 95 is inside an inner protecting temple bell body and therefore never contaminated. A load of compressed air is applied to the device 11 and the supplied air runs out from a temple bell-like inner chamber. Since the device 11 is pressured, the air does not enter the device 11.

Abstract (de)

Die Erfindung betrifft eine Andockvorrichtung zum Anschließen eines Transportbehälters an eine Schleuse zu einem radioaktiv belasteten Arbeitsraum zur Be- oder Entladung von radioaktiven Stoffen. Um die schweren Transportbehälter genau an die Schleuse anzudocken und die Verschlussdeckel des Transportbehälters fernhantiert sicher zu manipulieren, wird die Schleusenöffnung von einer nach innen abnehmbaren glockenförmigen Verschlussvorrichtung (11) abgedeckt. Diese glockenförmige Verschlussvorrichtung (11) ist in der Schleusenöffnung (22) verschiebbar und federnd gelagert und kann sich so gegenüber dem angedockten Transportbehälter ausrichten.

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G21F 7/00

IPC 8 full level

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CPC (source: EP KR US)

G21F 7/005 (2013.01 - EP US); **G21F 7/06** (2013.01 - KR)

Cited by

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