

Title (en)

Device for transportation and storage of liquids and loosely accumulated goods hazardous to the environment.

Title (de)

Vorrichtung zum Transport und Aufbewahren von umweltgefährlichen flüssigen oder staubförmigen Gütern.

Title (fr)

Dispositif de transport et de conservation de liquides ou de biens accumulés menaçant l'environnement.

Publication

EP 0445676 B1 19940518 (DE)

Application

EP 91103151 A 19910302

Priority

DE 4007512 A 19900309

Abstract (en)

[origin: EP0445676A1] The invention solves the problem of transportation and storage of liquids or loosely accumulated goods hazardous to the environment without the environment being at risk. In this case, the interior of a rigid and tight container (2) which is provided for transportation is divided into a loading space and a subsequent filling space by a tight and elastic reservoir (1) and then the loading space is filled, for example, with crude oil while the subsequent filling space located outside the reservoir is filled with water. The device for transportation and storage of liquids or loosely accumulated goods hazardous to the environment contains a tight and rigid container (2), in which one or more elastic reservoirs (1) with variable volumes are inserted, the interiors being interconnected by piping (6) and (7) for filling and emptying. The reservoirs (1) are connected to the bottom by piping (6) and attached at the top by tensioning means (9) and fasteners (10). The surfaces of the side walls (5) and blocking dams are lined at a certain spacing with layers (8) of perforated metal sheet so that, after filling, they form a water protection layer (w) between the reservoir walls. <IMAGE>

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Cited by

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