

Title (en)

Installation for handling radioactively charged waste water

Title (de)

Vorrichtung für die Handhabung radioaktiv dotierter Abwässer

Title (fr)

Installation pour la gestion d'eaux résiduelles contenant des produits radioactifs

Publication

EP 1089296 B1 20040225 (DE)

Application

EP 00116503 A 20000731

Priority

DE 19946392 A 19990928

Abstract (en)

[origin: EP1089296A1] Apparatus for treating waste water containing radionuclides resulting from medical therapy or diagnosis comprises a buffer tank into which the water is fed. This can be emptied in batches via a metering tank with an integral probe, which measures the amount of radioactivity and/or nuclides it contains, into a storage tank. Apparatus for treating waste water containing radionuclides resulting from medical therapy or diagnosis comprises a buffer tank (1) into which the water is fed. This can be emptied in batches via a metering tank (19) with an integral probe (20), which measures the amount of radioactivity and/or nuclides it contains, into a storage tank (32). A computer (31) uses the data from the probe to control the volume of water in the storage tank and its total activity, so that the tank can be emptied after a precalculated decay time. In one embodiment of the invention several storage tanks are used, arranged in parallel. Each of these is used for a different level of radioactivity and/or different nuclides. The buffer tank forms part of a vacuum system.

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