

Title (en)
PROCESS FOR STORING MIXED RUBBISH

Title (de)
VERFAHREN ZUM LAGERN VON HETEROGENEM MÜLL

Title (fr)
PROCEDE DE STOCKAGE DE DECHETS HETEROGENES

Publication
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Application
EP 95909632 A 19950215

Priority

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- DE 4420449 A 19940610

Abstract (en)
[origin: US6199493B1] The invention concerns a process for the storage of heterogeneous wastes in holding or supply dumps, such as rubbish bunkers or suitable rubbish containers, prior to its removal and subsequent thermal utilization or some other processing technique. By introducing a variable flow of inert gas consisting essentially of nitrogen and carbon dioxide into the rubbish bunker, fires and gas explosions are practically excluded, aerobic decomposition processes are suppressed, and anaerobic decomposition is retarded. Using a variable flow of inert gas also prevents the further formation of dioxins and furans in a subsequent thermal utilization, as well as reliably preventing vermin from attacking the rubbish. By avoiding or at least significantly reducing these disturbances in the bunker zone, disposal safety is significantly increased. Storage of the wastes preferably takes place in an essentially inert atmosphere which is introduced into the rubbish bunker adjacent the bottom so that the inert gas flows upwardly through the rubbish. Storage of the wastes in an inert atmosphere essentially prevents the occurrence of a fire.

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