

METHOD OF TREATING LIQUID WASTE

ABSTRACT

A method of treating a liquid waste containing target species is described, in which the liquid is first conveyed through a housing containing a catalyst for removing either a reducing agent or an oxidising agent from the liquid, The liquid is then conveyed to a reverse osmosis or nanofiltration membrane to obtain a retentate rich in the target species and a permeate lean in the target species. The retentate is returned to the liquid upstream from the membrane, whilst the permeate may be subject to further treatment, for example in a neutralisation plant.

Figure 1