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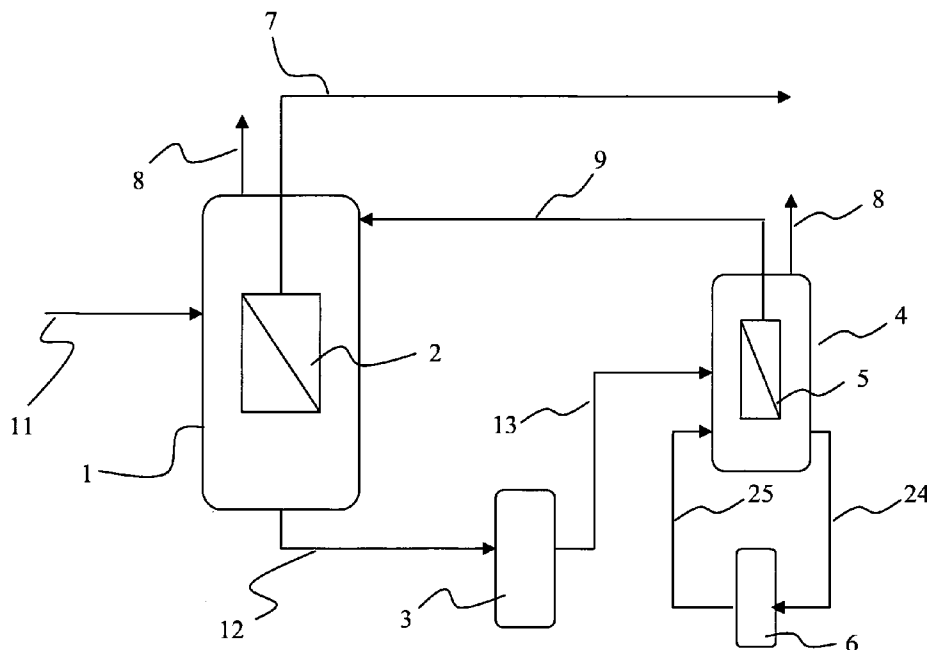
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(54) Title: WATER RECLAMATION WITHOUT BIOSLUDGE PRODUCTION



(57) Abstract: An apparatus for cleaning of wastewater comprising a submerged membrane biological reactor system (MBR) and a submerged membrane module (MBD) wherein the MBR is in fluid communication with the MBD for feeding excess sludge from the MBR to the MBD and wherein the MBR comprises an outlet which releases permeate passed through the membrane of the MBR and the MBD is in fluid communication with the MBR for feeding permeate passed through the membrane of the MBD back into the MBR and comprises an outlet for releasing gas.

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