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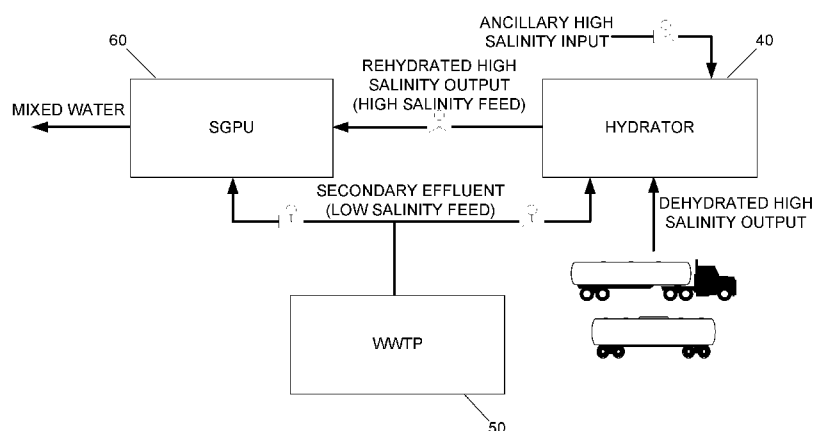
(54) Title: **ECONOMICAL AND SUSTAINABLE DISPOSAL OF ZERO LIQUID DISCHARGE SALT BYPRODUCT**

FIG. 2

(57) **Abstract:** A method and apparatus are described for disposing of salt byproduct from a zero liquid operation, such as a zero liquid discharge desalination plant. The present method and apparatus concern a power generation plant, comprising a salinity gradient power unit (SGPU) comprising a high salinity feed, a low salinity feed, and a mixed water output. The high salinity feed is comprised of salt byproduct from a ZLD operation. The mixed water output empties into a body of water.