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(71) 出願人 (米国を除く全ての指定国について): 東レ株式会社 (TORAY INDUSTRIES, INC.) [JP/JP]; 〒1038666 東京都中央区日本橋室町 2 丁目 1 番 1 号 Tokyo (JP).

(72) 発明者; および

(75) 発明者/出願人 (米国についてのみ): 谷口雅英 (TANIGUCHI, Masahide). 前田智宏 (MAEDA, Tomohiro).

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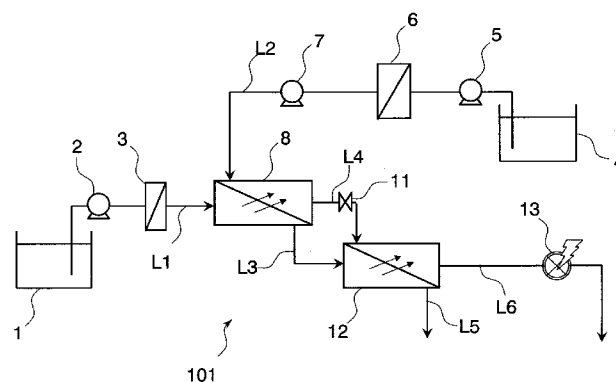
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— 国際調査報告 (条約第 21 条(3))

(54) Title: CONCENTRATION DIFFERENCE POWER GENERATION DEVICE AND METHOD FOR OPERATING SAME

(54) 発明の名称: 濃度差発電装置とその運転方法

【図1】



(57) Abstract: A concentration difference power generation device generates power in such a way that high-concentration water and low-concentration water each having a different concentration are contacted each other via a semipermeable membrane unit equipped with a semipermeable membrane and water is made to penetrate from the low-concentration side to the high-concentration side by positive osmotic pressure, resulting in the increased amount of the high-concentration water, which is used for driving a power generator. The concentration difference power generation device is characterized in that the semipermeable membrane unit is divided into a plurality of sub-units (8, 12) and a flow path (L4) on the high-concentration side or a flow path (L3) on the low-concentration side, which leads from the sub-unit (8) of a previous stage to the sub-unit (12) of the next stage, is equipped with a pressure changing mechanism (11).

(57) 要約:

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