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(54) Title: A PUMP ASSEMBLY AND A WOUND THERAPY APPARATUS

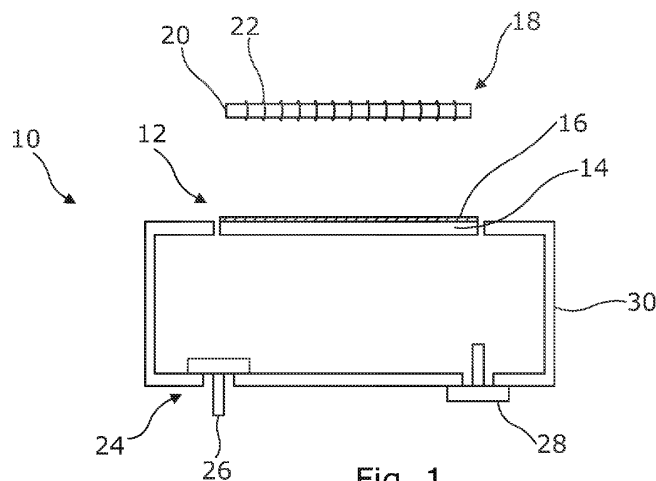


Fig. 1

(57) Abstract: A pressure gradient wound therapy apparatus (50) including a pump assembly (10). The pump assembly (10) includes a diaphragm (12) comprising a magnetic material (16), an electromagnetic actuator (18) switchable between two or more operational states and a valve arrangement (24) including an inlet valve (26) and an outlet valve (28) for the introduction and/or removal of fluid into a fluid chamber (30) of the pump assembly (10). The actuator (18) is configured to move the diaphragm (12) with respect to the actuator (18) between a first position corresponding to a first operational state of the actuator (18) and a second position corresponding to the second operational state of the actuator (18).

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