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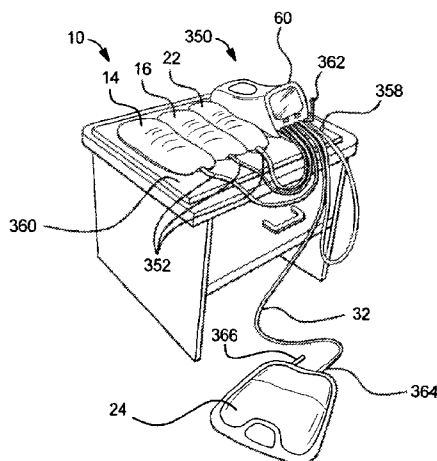


FIG. 1A

(57) Abstract: A medical fluid machine includes: an enclosure; at least one medical fluid delivery component located inside the enclosure, the component capable of being powered by an external power source or a back-up battery; a transistor in electrical communication with the battery; and a regulator configured to: (i) receive as feedback a supply voltage; and (ii) vary a gate voltage at the transistor to maintain the supply voltage at least substantially at a desired level.

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
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