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(57) Abstract :
This invention relates to an implanted medical device and in particular, this invention relates to the Implanted medical device having lung pressure generator circuit. This invention also relates to the implanted medical device wherein the development and optimization of a miniaturized, implantable circuit is capable of generating controlled positive airway pressure to support lung function. More particularly, this present invention relates to the implanted medical device having lung pressure generator circuit which accurately generate and maintain the required pressure levels to mimic or support normal respiratory cycles, including inhalation and exhalation phases and allow for customizable pressure settings to accommodate varying patient needs and conditions and the materials that are biocompatible and do not induce adverse reactions in the body and ensure that the device operates quietly and does not cause discomfort or interfere with the patient's daily activities.

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