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Patent Search

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Abstract:

Disclosed is a massage device (104) that includes a pressure cuff (108), an air pump (110) and a solenoid air valve (112) coupled with the pressure cuff (108) and adapted to inflate and deflate the pressure cuff (108) respectively. The massage device (104) further includes a pressure sensor (114) coupled with the pressure cuff (108) and configured to sense pressure. The massage device (104) further includes a control unit (116) coupled with the pressure sensor (114), the air pump (110), and the solenoid air valve (112). The control unit (116) is configured to receive data representing sensed pressure from the pressure sensor (114) and inflate and deflate the pressure cuff (108) based on the received data by way of the air pump (110) and the solenoid air valve (112) respectively such that the pressure cuff (108) facilitates one or more massage patterns on the body part of the user.

[Complete Specification](#)

Description:RELATED FIELD

The present disclosure relates to a massage device. More particularly, the present disclosure relates to a system and method for providing massage to a user.

BACKGROUND

Massage therapy has been used for centuries to provide relief from various physical and mental ailments. It involves the manual manipulation of soft tissues, such as muscles and tendons, to alleviate pain, tension, and stress, and promote relaxation and overall well-being. While traditional massage therapy performed by a professional massage therapist is highly effective, it can be time-consuming and expensive. Moreover, many people are unable to avail these services due to various reasons, such as lack of accessibility, affordability, and privacy concerns. In recent years, several massage devices and systems have been developed to provide a more convenient and accessible alternative to traditional massage therapy. These devices include massage chairs, hand-held massagers, leg-foot massagers, and other similar products. These products have gained popularity due to their convenience, affordability, and ease of use. However, they have certain limitations that make them less effective than traditional massage therapy. However, many of these devices are limited in their ability to provide customizable massages to individual users. One of the major limitations of existing massage devices and systems is that they provide a single massage pattern or have limited options for adjusting the pressure level. This means that they may not be suitable for everyone and may cause discomfort or pain for some users. Moreover, these devices are not customizable to individual users, and users cannot tailor the massage to their specific needs and preferences. Another limitation of existing massage devices is that they require the user to hold or press the device against their body for extended periods. This can cause fatigue and stress to the hand and wrist, making it uncomfortable to use the device for prolonged periods. Therefore, there is a need to overcome the limitation of traditional massage system and devices such as cause fatigue and stress to the hand and wrist

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